

EclerNet Manager

Technical support: techsupport@ecler.com
Webinar support: webinars@ecler.com

EclerNet Manager

Introduction to software and hardware

EclerNet Manager Software



Runs on Windows (not Windows Server)
For controlling a digital audio system
Over Ethernet (in shared LAN)
Creation of User Control Panels (UCP)
Web Server service and clients



EclerNet Manager Hardware



Premium digital products

Programed and controlled with ENM Software

Different user interfaces as remotes or UCPs (PC, iOS, Android,...)

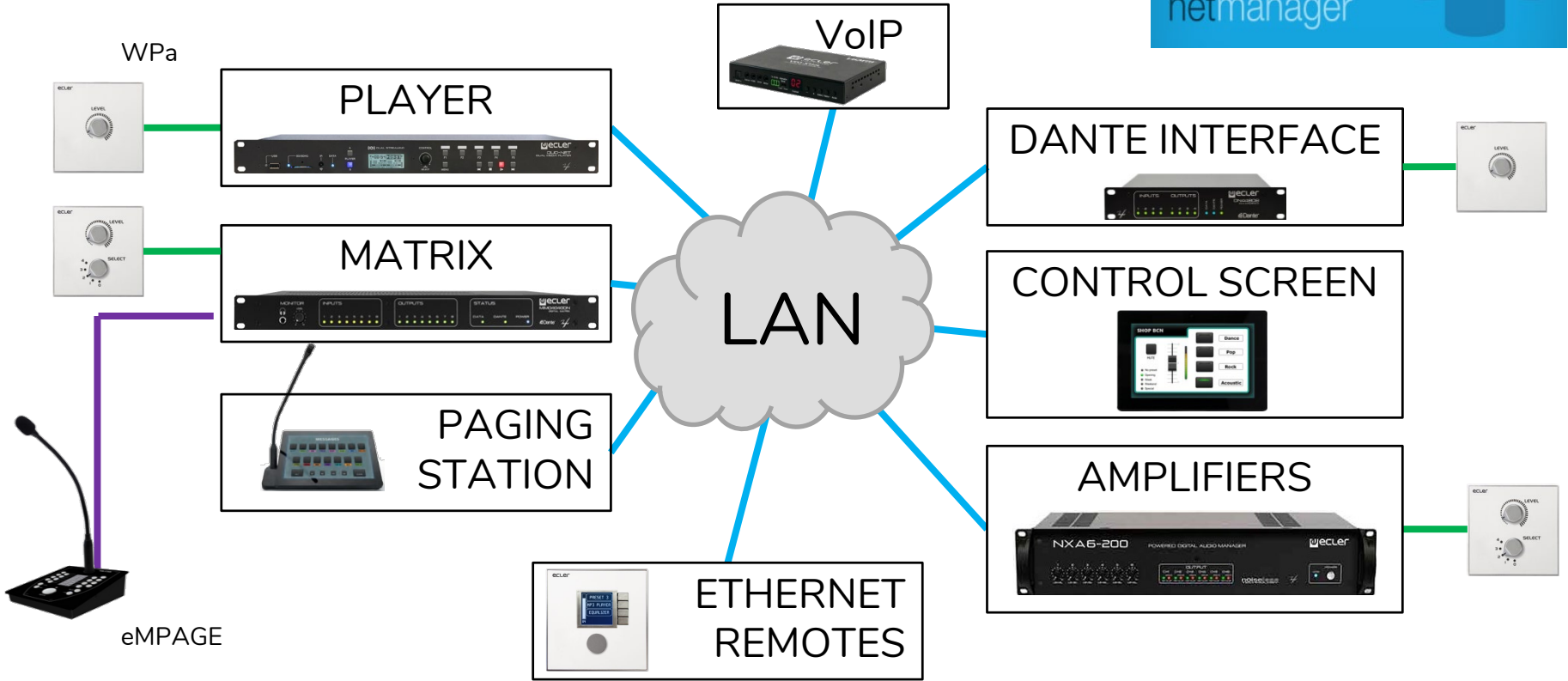
Ready for 3rd Party Control like AMX, Crestron, Neets... (TP-NET or Drivers)



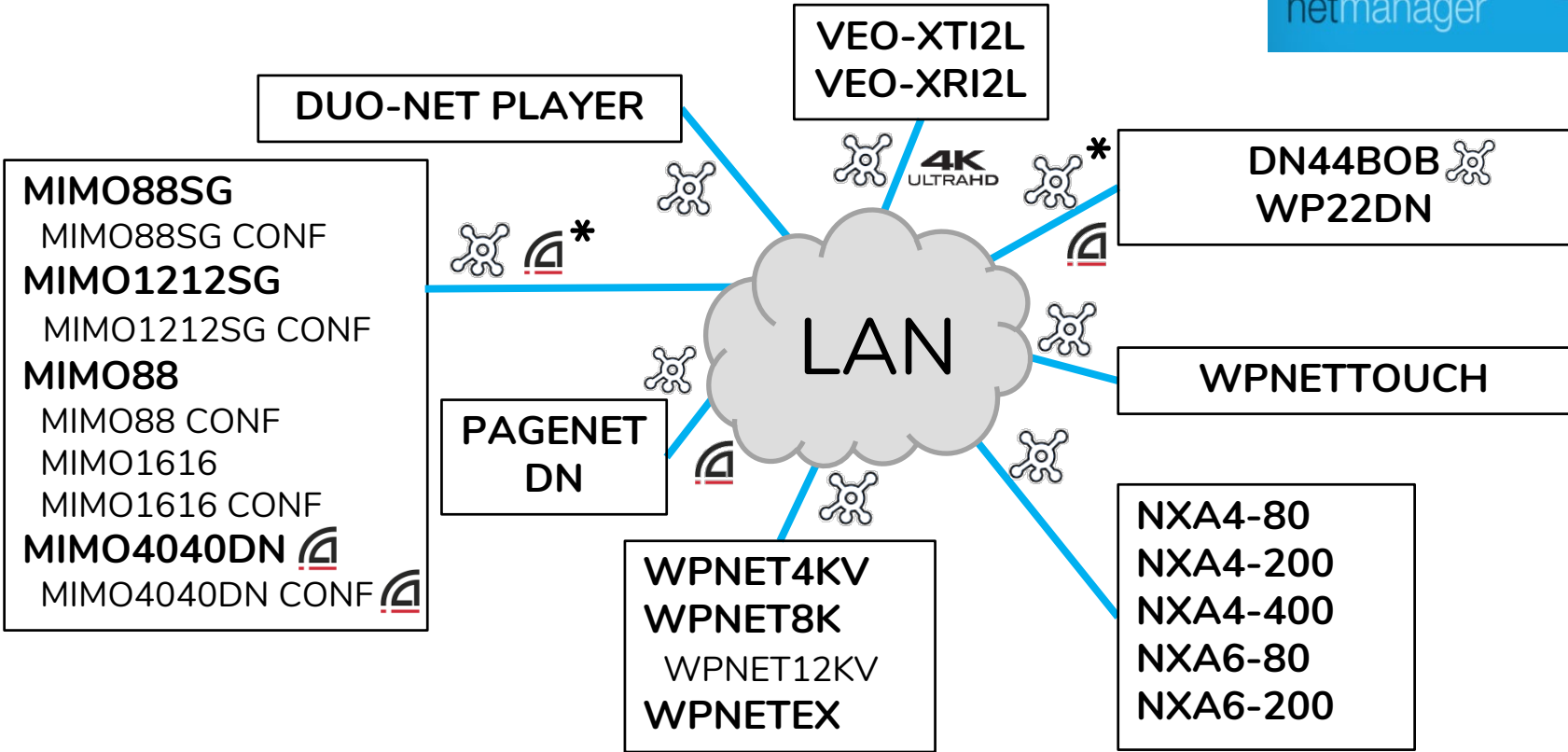
Audio over IP is done with DANTE / AES67



EclerNet Manager Product Range



EclerNet Manager Product Range



EclerNet Manager Network

EclerNet devices are identified with an IP address and a mask (4 octets)

We must define IP addresses for every device (static IP, **not DHCP**)

IPs should be in the same range:

IP	0-255 . 0-255 . 0-255 . 10-250
MASK	0/255 . 0/255 . 0/255 . 0/255

If a Mask octet has a value of 255, the IP of all the devices in the EclerNet Network must have the same value in that octet.

If a Mask octet has a value of 0, the IP of the devices can have any value in that octet between 0 and 255.

EclerNet Manager Networks

Several Devices = 1 System

1 System = 1 ENM Project

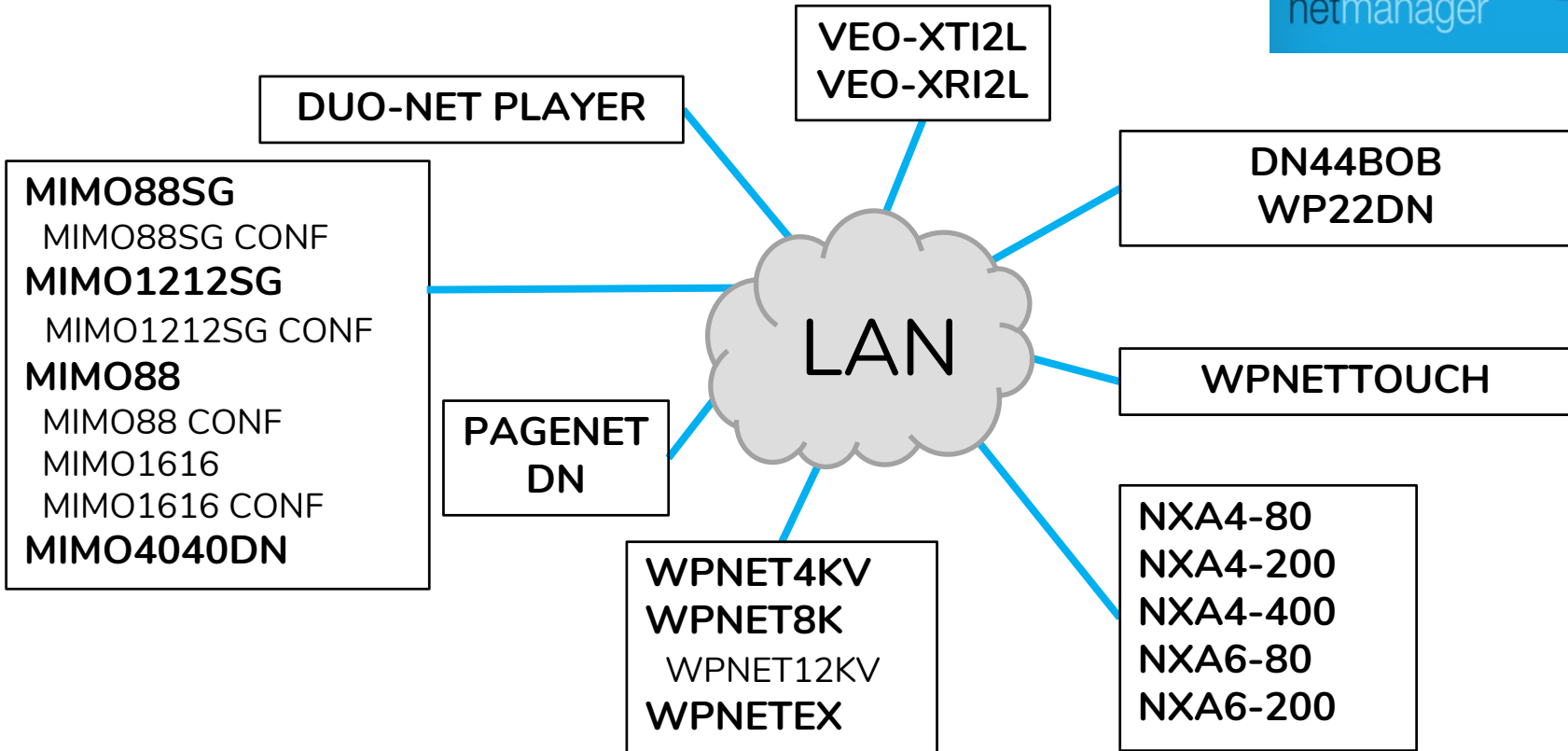
All the devices must be in the same range → DHCP?



NOTE: Factory Default IP address of EclerNet devices is 192.168.0.100

EclerNet Manager: EclerNet Manager Hardware

EclerNet Manager Product Range





DUO-NET PLAYER

Dual Stereo Player: streaming, LAN, SD, USB

Event Time Scheduler (NTP Sync)

Priority Manager Module

4x GPIs

Varispeed

And more...





DUO-NET

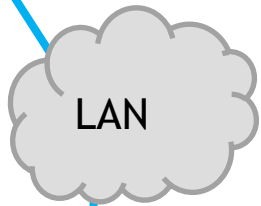
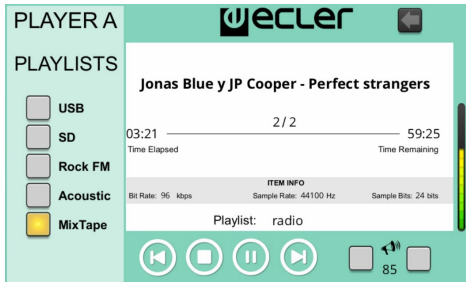


eMWR



eMWE





eMWR



DUO-NET



eHMA120



eMOTUS50DBK



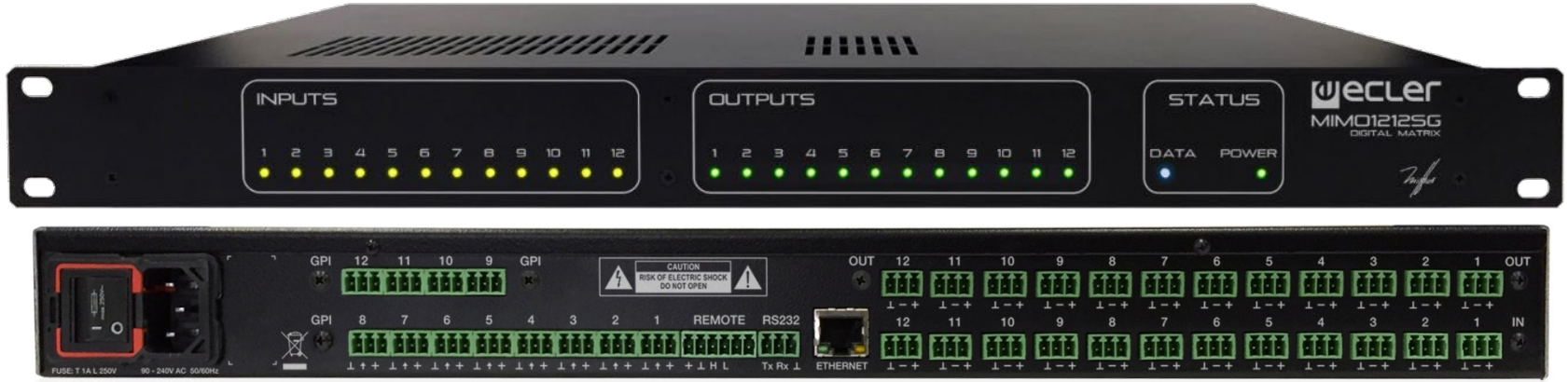
MIMO88SG / MIMO1212SG

Matrix 8x8 / 12x12

DSP : Level, EQ, Compressor, Noise Gate...

8 / 12x GPI

And more...



BGM1

BGM2

TV

MIC

DJ L

DJ R

VIP TV



ENTRANCE

BAR1

BAR2

AREA1

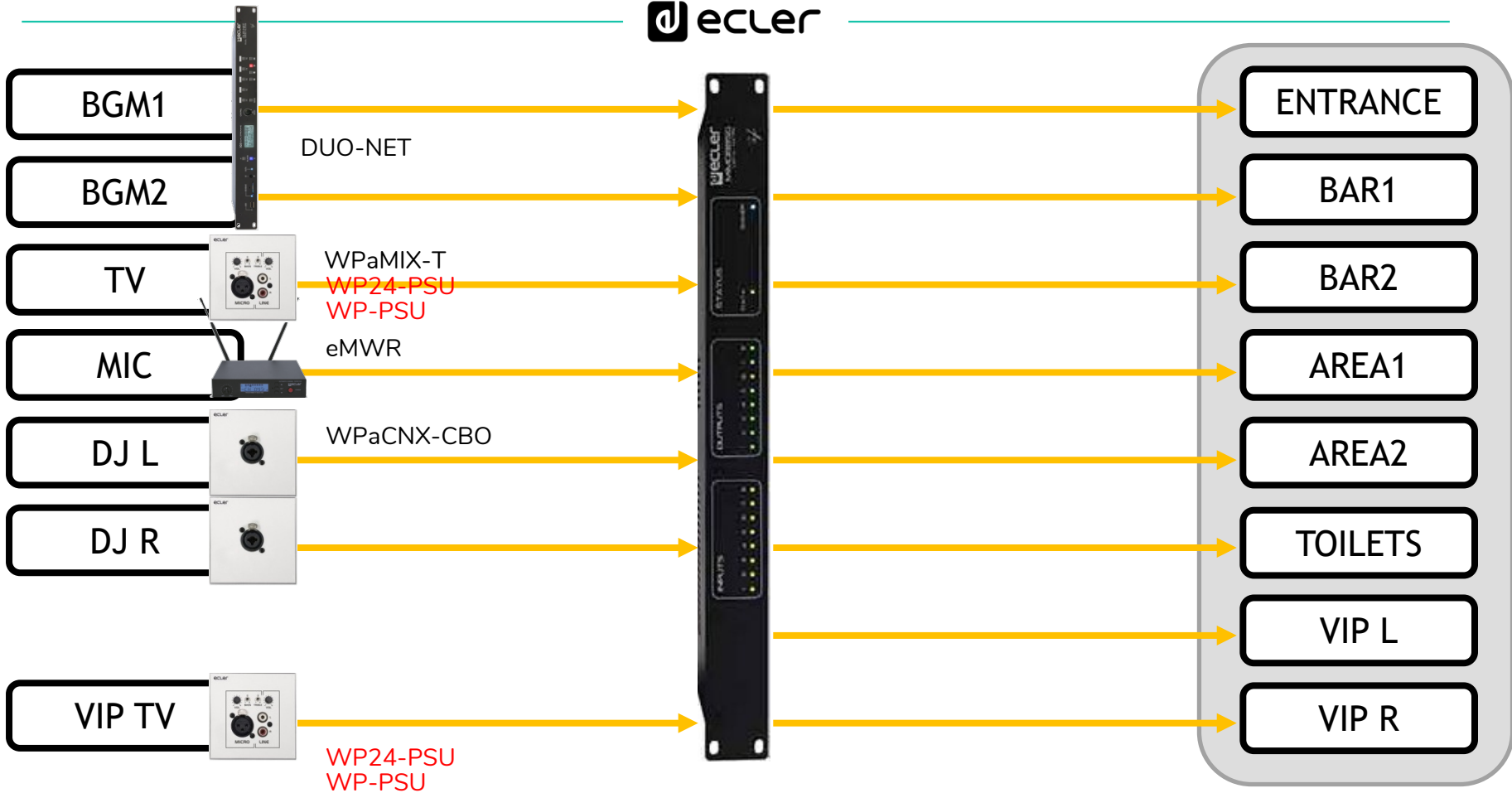
AREA2

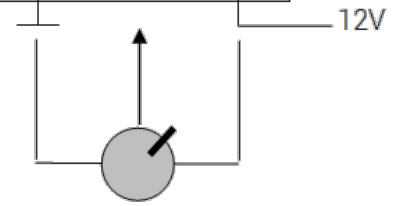
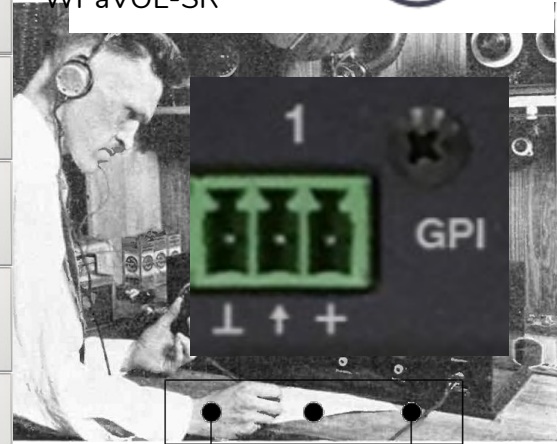
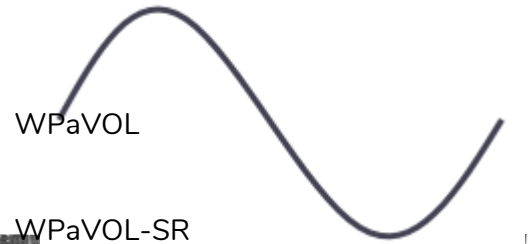
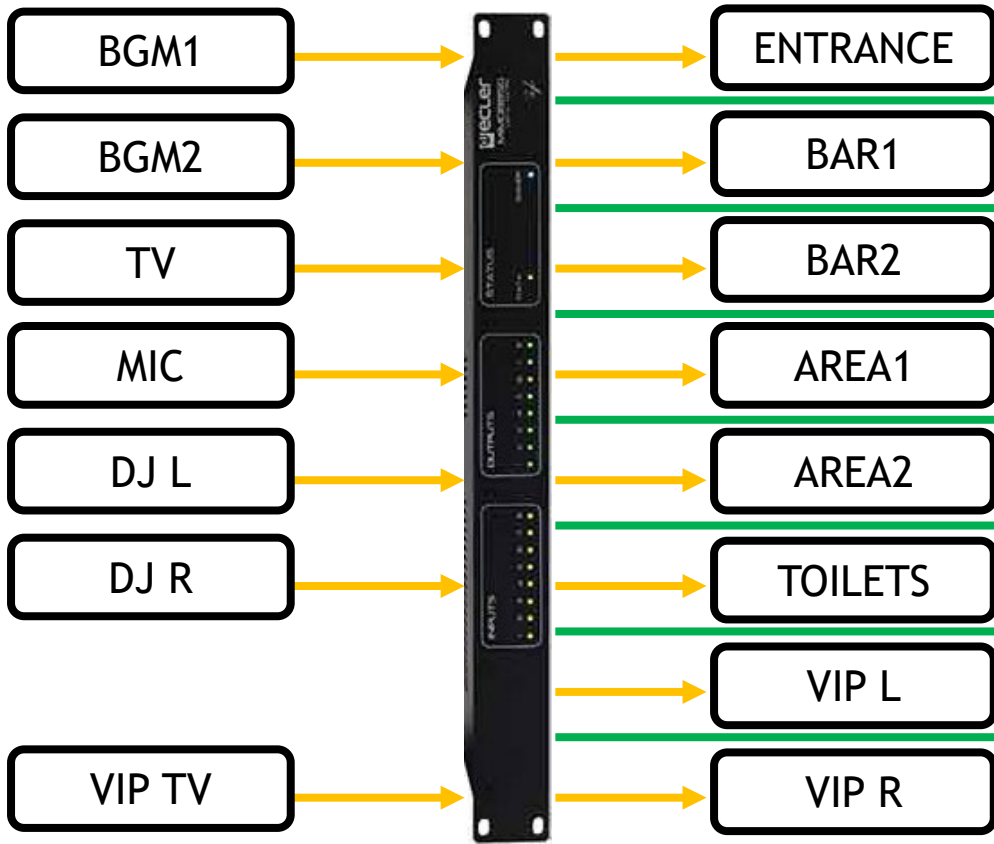
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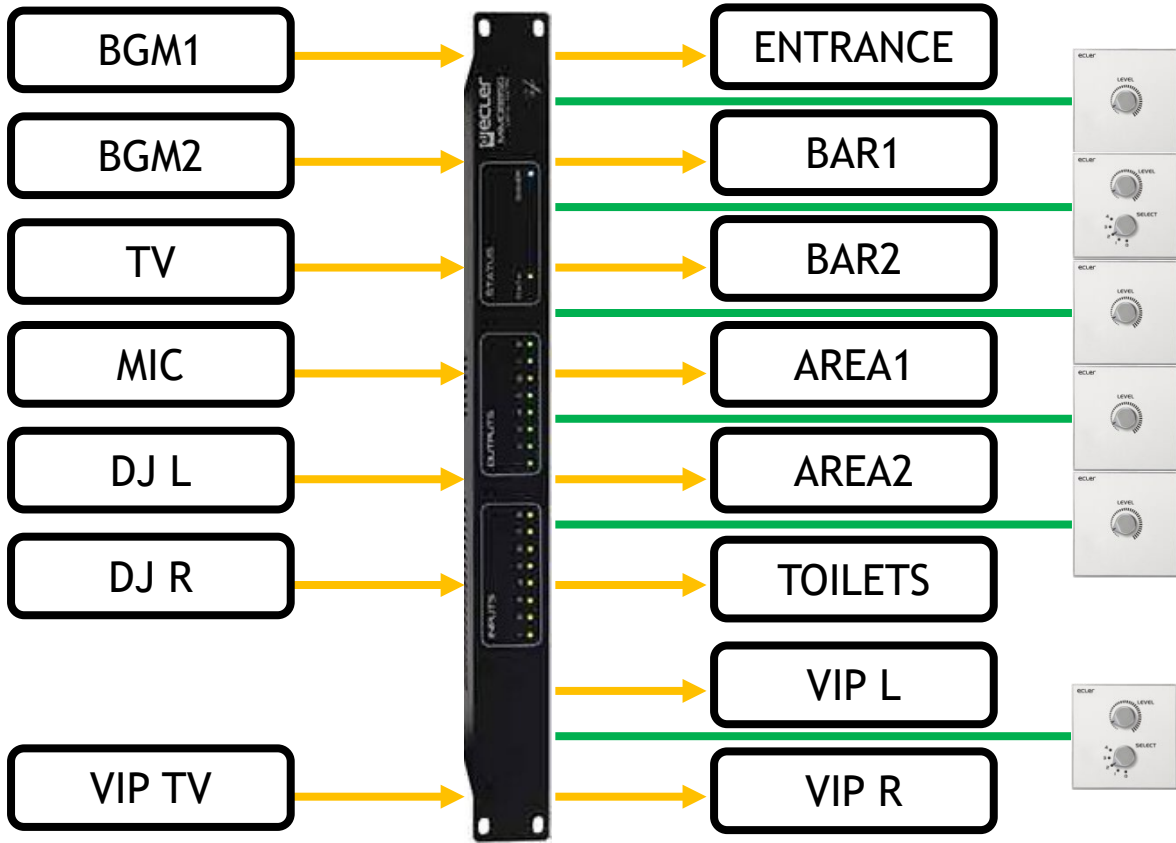
VIP L

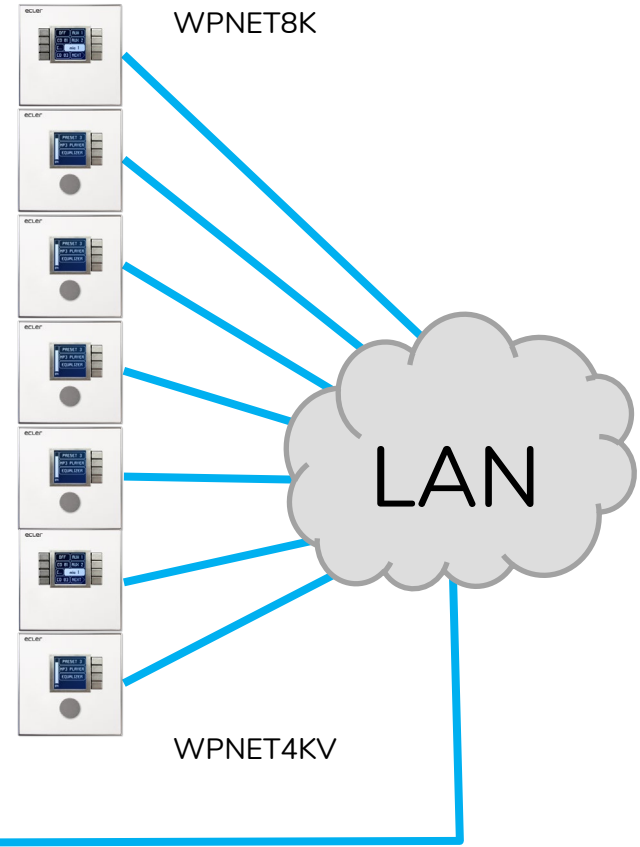
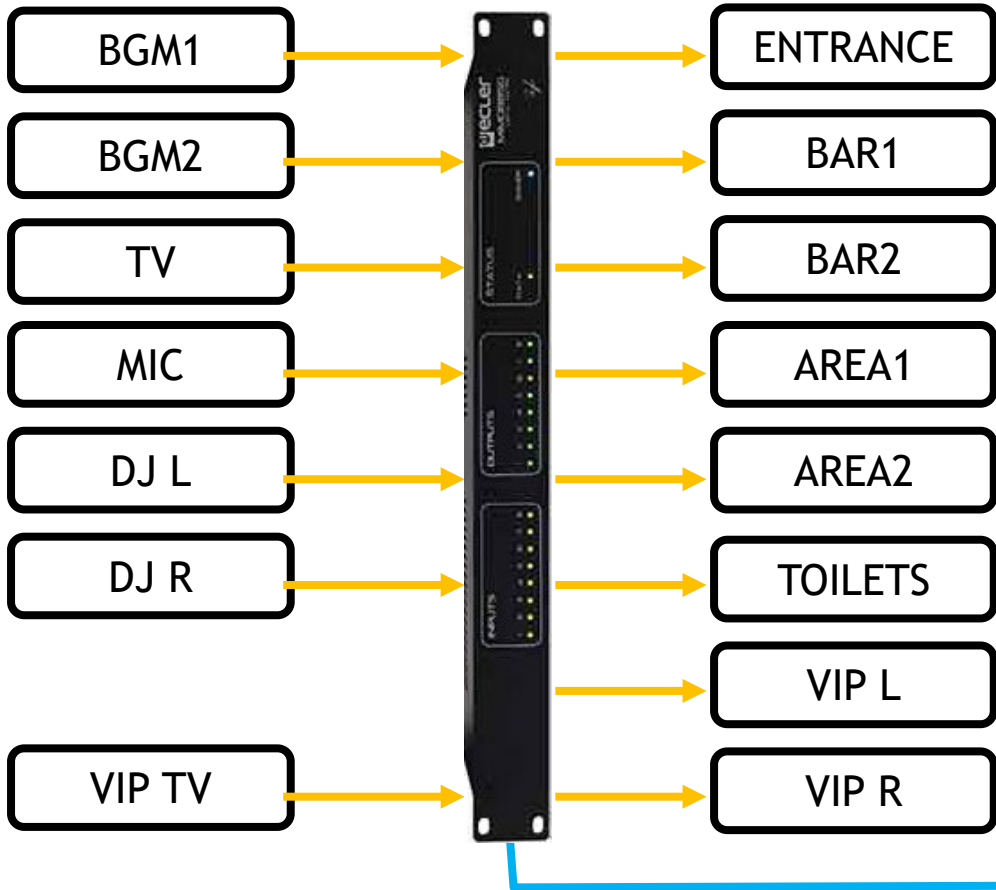
VIP R













+

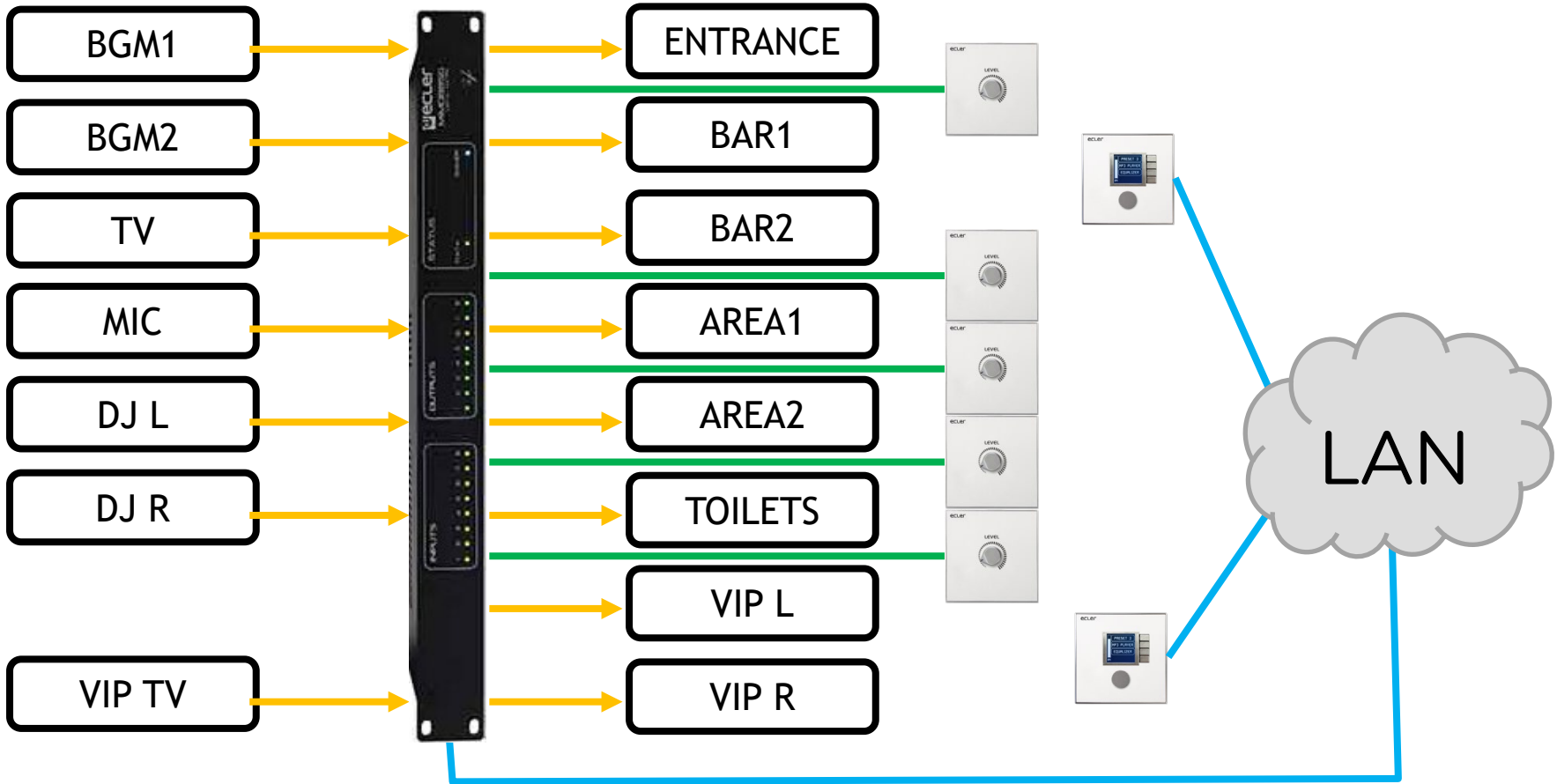


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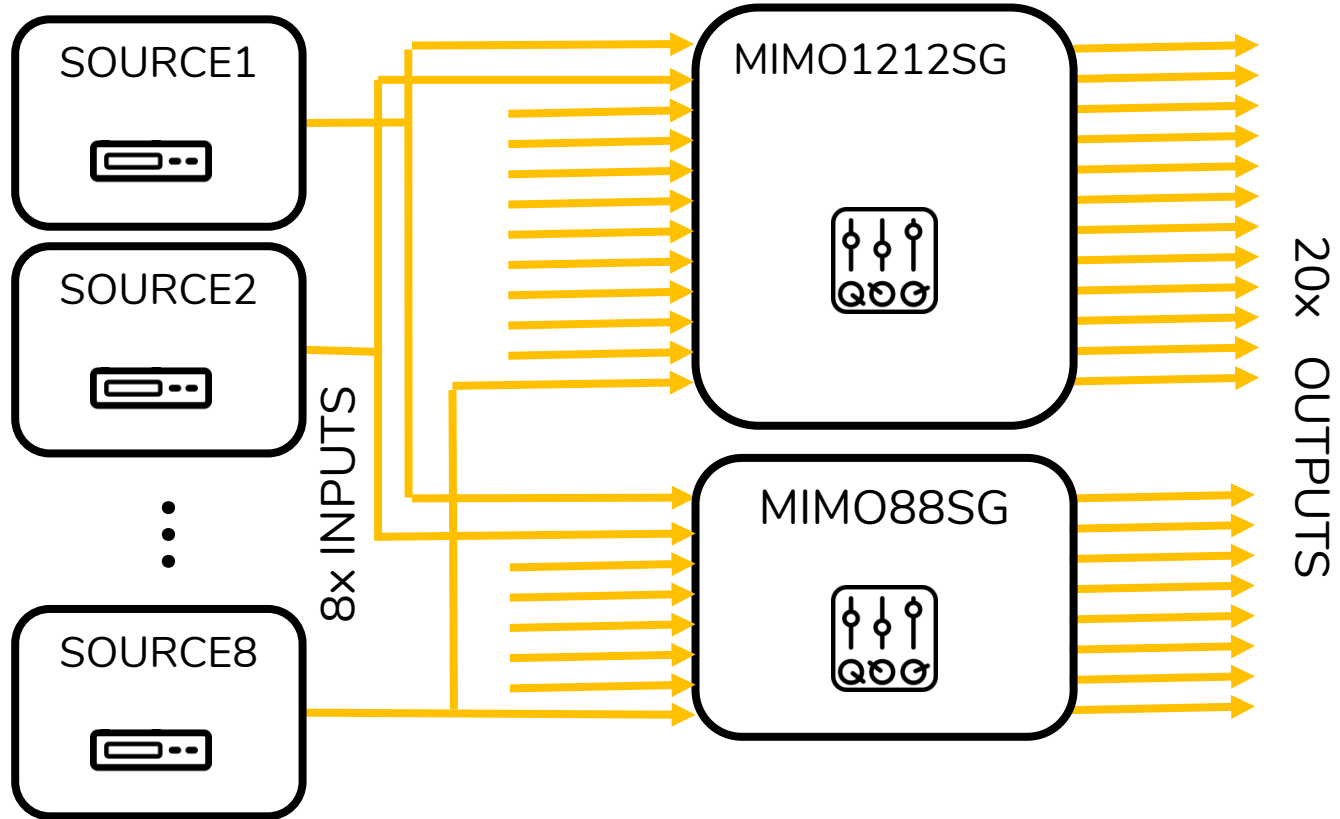


=





MIMO88SG + MIMO1212SG → “MIMO820SG”





MIMO88

Digital Matrix 8x8 (16x16 expandable)

DSP : Level, EQ, Compressor, Noise Gate...

8x GPI + 8x GPO

And much more...



BGM1

SPA

BGM2

GYM

CONF 1

CONF 2

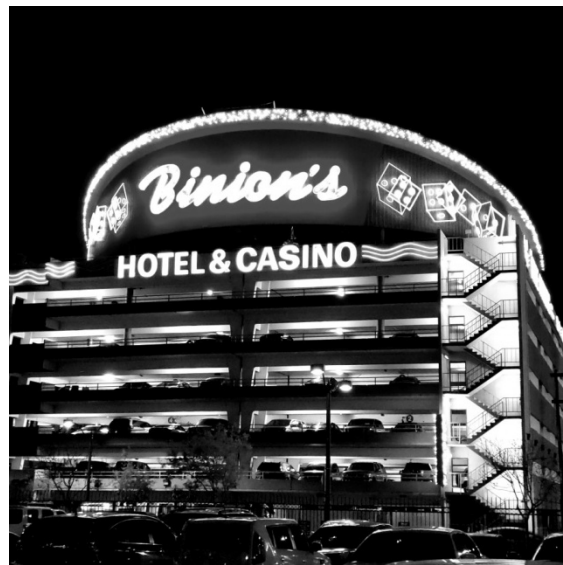
CONF 3

CASINO MIC

LOBBY BAR

DJ

PAGER1



LOBBY

RECEP.

LOBBY BAR

POOL

GYM

SPA

OFFICE

BUFFET

RESTAUR.

TERRACE.

CONF 1

CONF 2

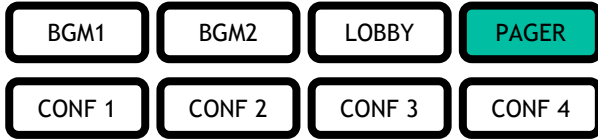
CONF 3

CASINO

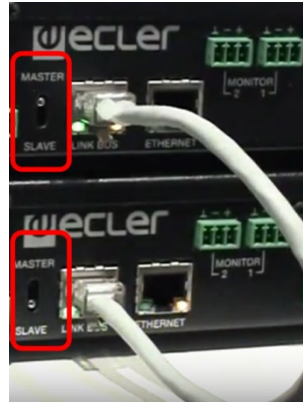
VIP

CORRIDOR

MIMO88 + MIMO88 = MIMO1616

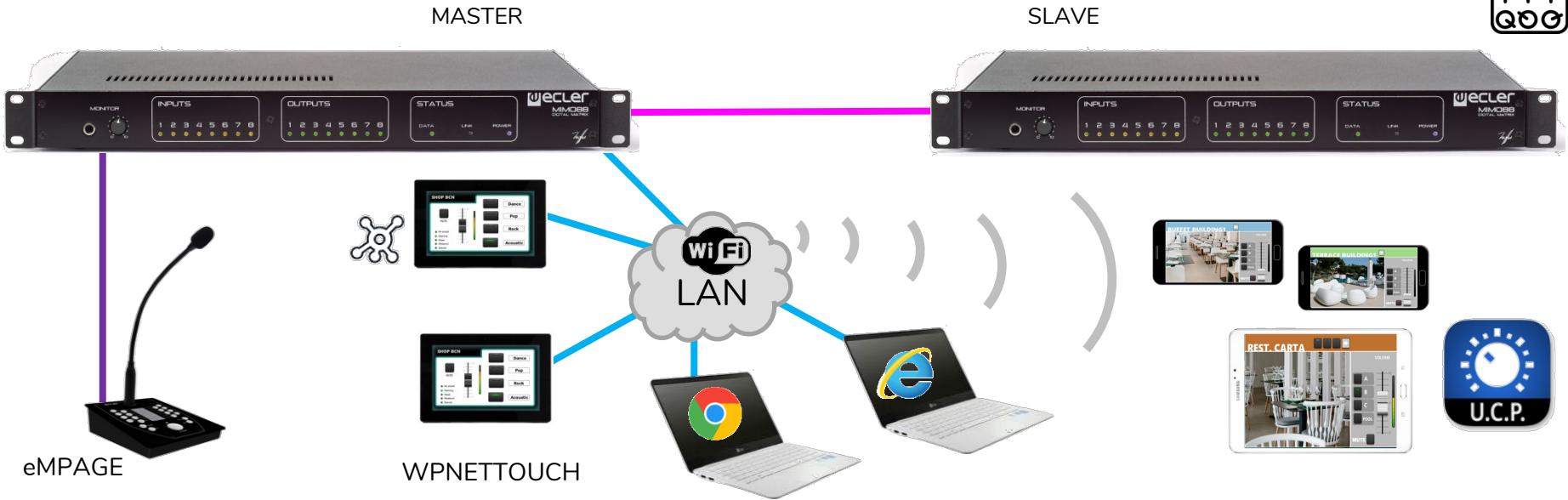


MAX. 100 m



CROSSOVER CABLE

MIMO88 + MIMO88 = MIMO1616





MIMO88SG / MIMO1212SG / MIMO88 CONFERENCE

Same Hardware, only firmware change to CONFERENCE (CONF)

For conference applications where they need:

- Auto mixing
- Feedback killer

We then lose some other features:

- No PAGER module
- No Input Delay
- Only 4 independent outputs (4 cloned outputs – level, delay)
- ...



Explorer

Design

Deploy

Users

Settings

Lock

Panic



Project Explorer (192.168.0.18 - Local)

- ▼ Devices (1 groups)
 - ▼ All (2)
 - ▶ Device 01 MIMO88
 - ▶ CONF Device 02 MIMO88 Conference
- ▶ Channels (1 groups)
- User Control Panels (0 Panels)

Device : Device 01

MIMO88

PRESET 01 - EMPTY PRES01

FIRMWARE ---

GENERATOR



CONFIG

MODE 8x8

PRESET 1 START UP OFF

OPERATING TIME ---

LOCAL TIME ---

NETWORKING

ETHERNET MAC ---

IP ADDRESS 0.0.0.0

UDP PORT 2210

SUBNET MASK ---

GATEWAY ---

INPUTS

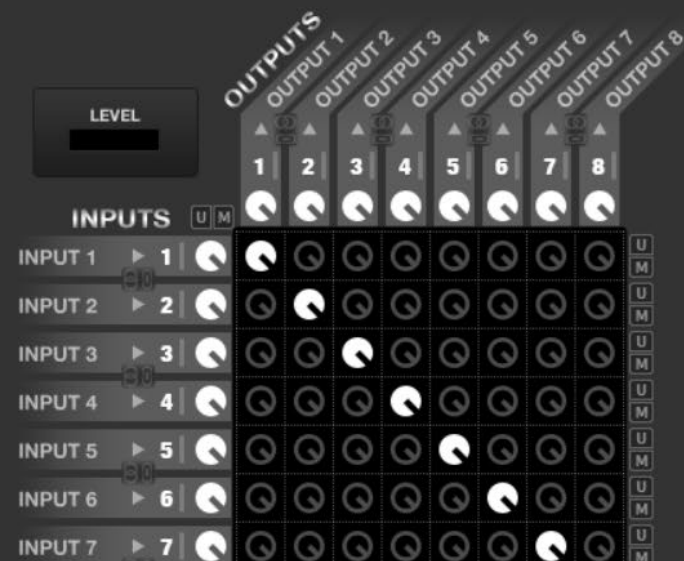
MATRIX

OUTPUTS

PAGERS/DUCKERS

GPis/GPOs

REMOTES



Properties

Type Device

Name Device 01



Explorer

Design

Deploy

Users

Settings

Lock

Panic



Project Explorer (192.168.0.18 - Local)

- ▼ Devices (1 groups)
- ▼ All (2)
 - ▶ Device 01 MIMO88
 - ▶ CONF Device 02 MIMO88 Conference
- ▶ Channels (1 groups)
- User Control Panels (0 Panels)

Properties

Type Device
Name Device 02

Device : Device 02

MIMO88
CONFERENCE
GENERATOR



PRESET 01 - EMPTY PRES01

FIRMWARE ---

PHONES OUT 1 : OUTPUT 1

CONFIG

MODE 8x8
PRESET 1 START UP OFF
OPERATING TIME ---
LOCAL TIME ---

NETWORKING

ETHERNET MAC ---
IP ADDRESS 0.0.0.0
UDP PORT 2210
SUBNET MASK ---
GATEWAY ---

INPUTS

MATRIX

OUTPUTS

DUCKERS

AUTOMIXER

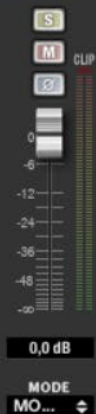
F.B.KILLER

GPIs/GPOs

REMOTES

OUT 1 : OUTPUT 1
OUT 2 : OUTPUT 2
OUT 3 : OUTPUT 3
OUT 4 : OUTPUT 4
OUT 5 : OUTPUT 5
OUT 6 : OUTPUT 6
OUT 7 : OUTPUT 7
OUT 8 : OUTPUT 8

LEVEL



PARAMETRIC EQ



DELAY



LIMITER



GAIN





Explorer

Design

Deploy

Users

Settings

Lock

Panic



Project Explorer (192.168.0.18 - Local)

- ▼ Devices (1 groups)
 - ▼ All (2)
 - ▶ Device 01 MIMO88
 - ▼ CONF Device 02 MIMO88 Conference
 - OUT 1 : OUTPUT 1
 - OUT 2 : OUTPUT 2
 - OUT 3 : OUTPUT 3
 - OUT 4 : OUTPUT 4
 - OUT 5 : OUTPUT 5
 - OUT 6 : OUTPUT 6
 - OUT 7 : OUTPUT 7
 - OUT 8 : OUTPUT 8
- ▶ Channels (1 groups)
- User Control Panels (0 Panels)

Properties

Type Channel
 Name OUTPUT 5

Device : Device 02

MIMO88 CONFERENCE GENERATOR

SIGNAL PINK NOISE

FREQUENCY

600 2k 5k 10k 20k

PRESET 01 - EMPTY PRES01

PHONES OUT 1 : OUTPUT 1

FIRMWARE ---

CONFIG

MODE 8x8

PRESET 1 START UP OFF

OPERATING TIME ---

LOCAL TIME ---

NETWORKING

ETHERNET MAC ---

IP ADDRESS 0.0.0.0

UDP PORT 2210

SUBNET MASK ---

GATEWAY ---

INPUTS MATRIX **OUTPUTS** DUCKERS AUTOMIXER F.B.KILLER GPIs/GPOs REMOTES

- OUT 1 : OUTPUT 1
- OUT 2 : OUTPUT 2
- OUT 3 : OUTPUT 3
- OUT 4 : OUTPUT 4
- OUT 5 : OUTPUT 5**
- OUT 6 : OUTPUT 6
- OUT 7 : OUTPUT 7
- OUT 8 : OUTPUT 8

LEVEL



GET FROM NONE

- ✓ NONE
- OUT 1
- OUT 2
- OUT 3
- OUT 4

DELAY

0,00 ms

GAIN

0,0 dB



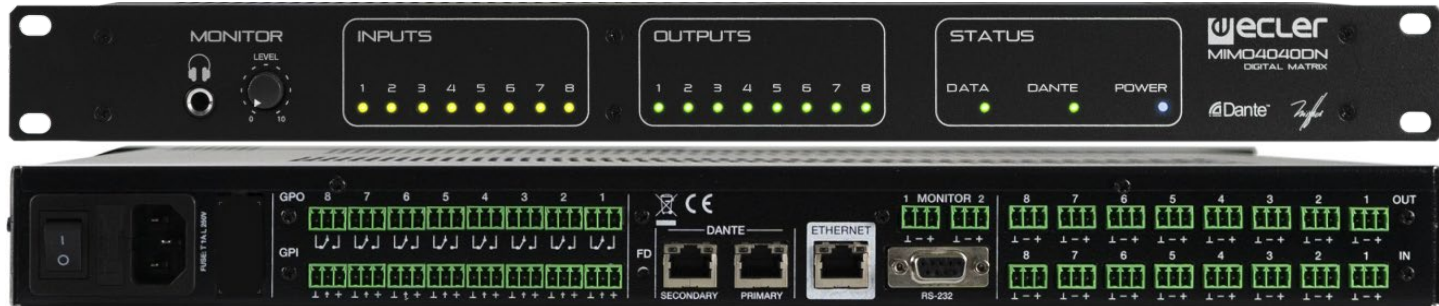
MIMO4040DN

Matrix 40 x 40 (8 analogue + 32 DANTE)

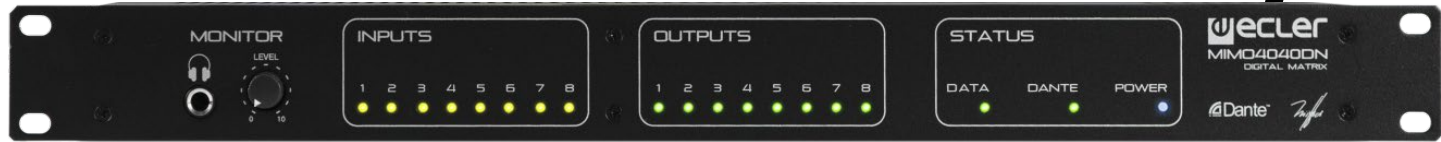
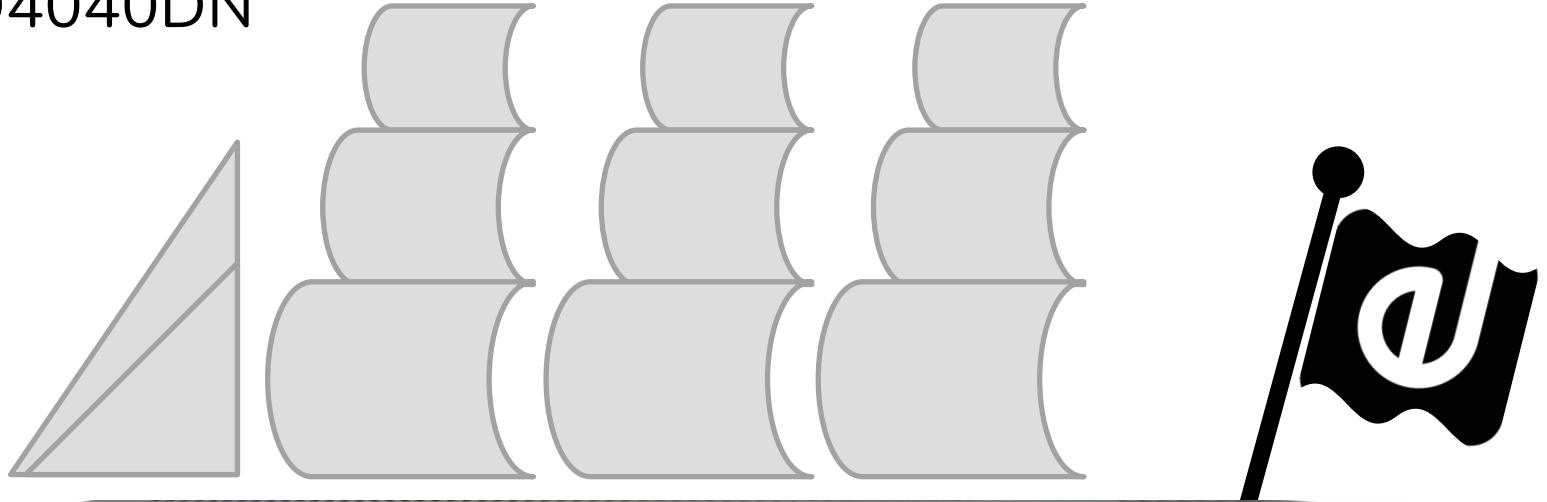
DSP : Level, EQ, Compressor, Noise Gate...

8 GPI + 8 GPO

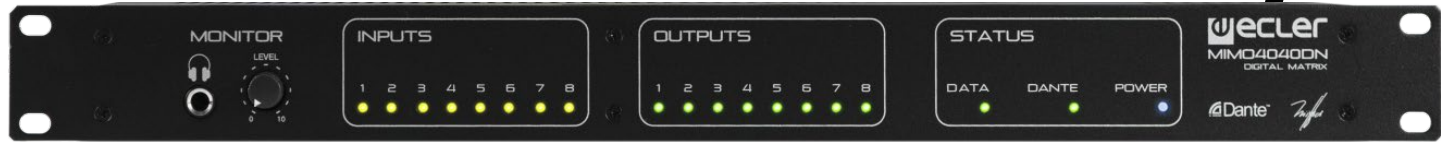
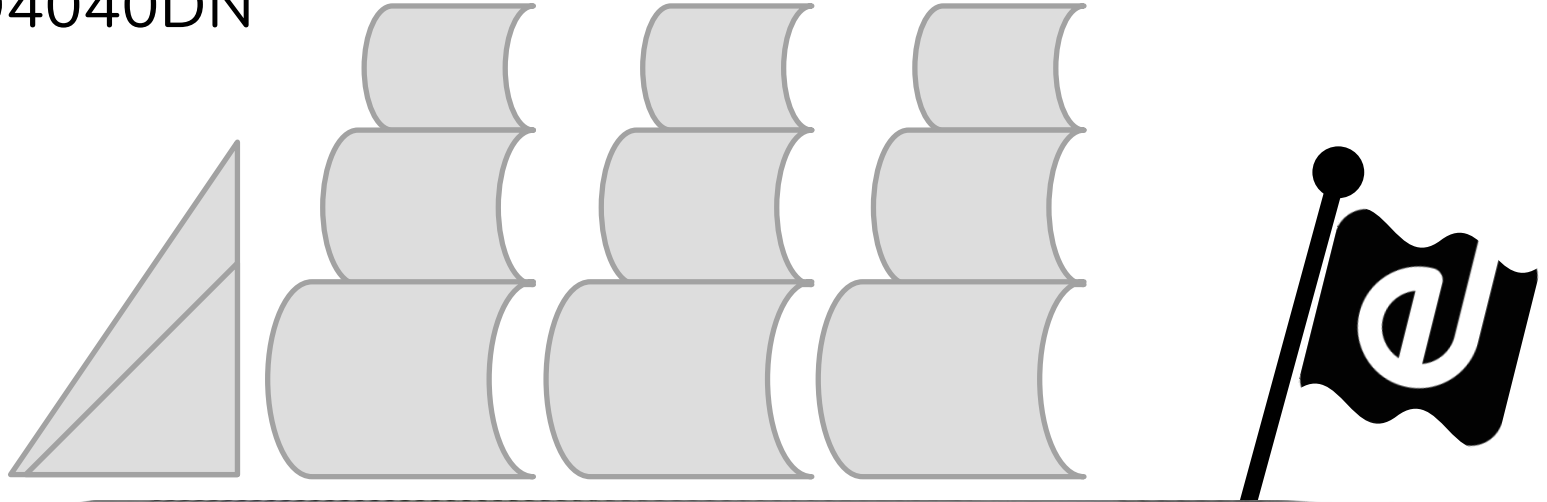
And more... much more than ever from v1.08r1



MIMO4040DN



MIMO4040DN





NXA SERIES

Amplified Digital Audio Manager
(Digital Matrix + Multichannel Amplifier)

Models: 4/6 channels & 80-700 W

100% silent: fanless convection
cooling system

Integrated DSP

And much more...





BGM

TV

DJ L

DJ R



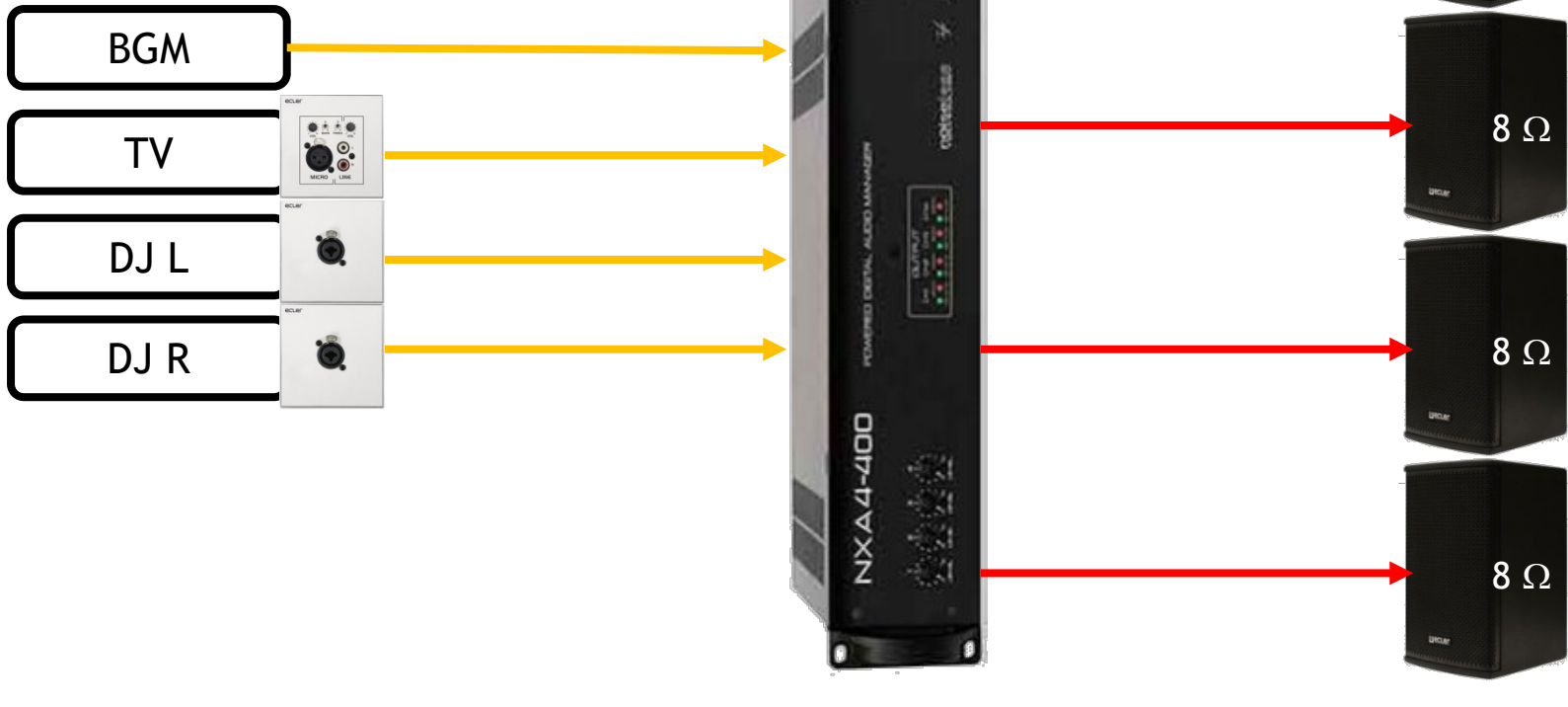
INSIDE L

INSIDE R

TERRACE L

TERRACE R







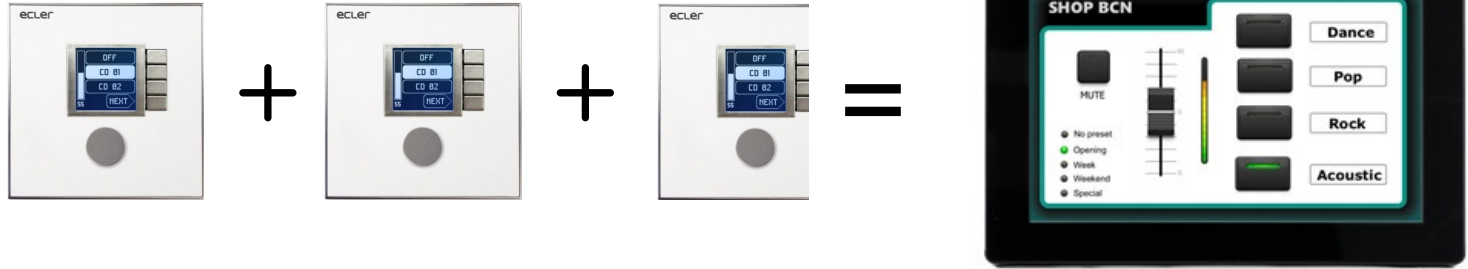
WPNETTOUCH

- 10" Touchscreen (1280 x 800)
- Integrated CPU, able to run EclerNet projects as a **UCP server** and/or behave as a UCP client
- Surface mount or VESA75 installation options
- PoE or local PSU power (included).

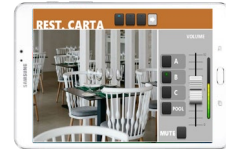


WALL MOUNT BRACKET INCLUDED





MIMO88SG / MIMO1212SG / MIMO88





PAGNETDN

Virtual paging console based on UCP panels

- DANTE™ / Ethernet interface
- Gooseneck microphone → DANTE™ Tx
- Aux Local Input → DANTE™ Tx
- Analogue Mic Local Output
- Embedded UCP web server & client
- PoE or local PSU power (included)



PAGNETDN



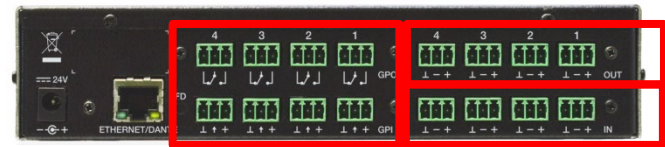
DN44BOB

DANTE interface EclerNet compatible

- 4x Analog Audio Inputs (MIC/LINE)
- **4x Rx DANTE™ ch**
- 4x GPIs + 4x GPOs
- DANTE routing is made by DANTE CONTROLLER

→ **4x Tx DANTE™ ch**

→ 4x Analog Audio Outputs



Dante Controller - Network View

File Device View Help

Grand Master Clock: MIMO4040DN-FORM

Routing Device Info Clock Status Network Status Events

Clear All

Dante

Filter Transmitters

Filter Receivers

Device Lock
 Sample Rate
 Sync to External
 Latency
 Subscriptions
 Tx Multicast Flows
 AES67
 Sample Rate Pull-up

Dante Transmitters

- BOB-A 1..4
 - DUO A-L
 - DUO A-R
 - DUO B-L
 - DUO B-R
- BOB-B 1..4
 - IN 1
 - IN 2
 - IN 3
 - IN 4
- MIMO4040DN-FORM 1..16
 - BOB A1
 - BOB A2
 - BOB A3
 - BOB A4
 - BOB B1
 - BOB B2
 - BOB B3
 - BOB B4
 - DOU T9
 - DOU T10
 - DOU T11
 - DOU T12
 - DOU T13
 - DOU T14
 - DOU T15
 - DOU T16
 - 17..32
- PAGNET-81e947 1..2
 - MIC
 - LINE

Dante Receivers

- BOB-A 1..4
 - OUT 1
 - OUT 2
 - OUT 3
 - OUT 4
- BOB-B 1..4
 - OUT 1
 - OUT 2
 - OUT 3
 - OUT 4
- MIMO4040DN-FORM 1..16
 - DUO A - BOB A
 - DUO A - BOB AR
 - DUO B - BOB A
 - DUO B - BOB AR
 - DIN5
 - DIN6
 - DIN7
 - DIN8
 - DIN9
 - DIN10
 - DIN11
 - DIN12
 - DIN13
 - DIN14
 - DIN15
 - DIN16

Unmanaged Multicast Bandwidth: 0 bps Event Log: Clock Status Monitor:

Dante Controller - Network View

File Device View Help

Grand Master Clock: MIMO4040DN-FORM

Routing Device Info Clock Status Network Status Events

Clear All

Dante

Filter Transmitters:

Filter Receivers:

Device Lock

Sample Rate

Sync to External

Latency

Subscriptions

Tx Multicast Flows

AES67

Sample Rate Pull-up

Dante Transmitters

Dante Receivers

Transmitter	1..4	1..4	1..16	17..32	1..2
BOB-A					
1..4					
OUT 1					
OUT 2					
OUT 3					
OUT 4					
BOB-B					
1..4					
OUT 1					
OUT 2					
OUT 3					
OUT 4					
MIMO4040DN-FORM					
1..16					
DUO A - BOB A					
DUO A - BOB AR					
DUO B - BOB A					
DUO B - BOB AR					
DIN5					
DIN6					
DIN7					
DIN8					
DIN9					
DIN10					
DIN11					
DIN12					
DIN13					
DIN14					
DIN15					
DIN16					
PAGNET-81e947					
1..2					
MIC					
LINE					

P: ■

Unmanaged Multicast Bandwidth: 0 bps Event Log: ■ Clock Status Monitor: ■

Dante Controller - Network View

File Device View Help

Grand Master Clock: MIMO4040DN-FORM

Routing Device Info Clock Status Network Status Events

Clear All

Dante

Filter Transmitters

Filter Receivers

Device Lock
 Sample Rate
 Sync to External
 Latency
 Subscriptions
 Tx Multicast Flows
 AES67
 Sample Rate Pull-up

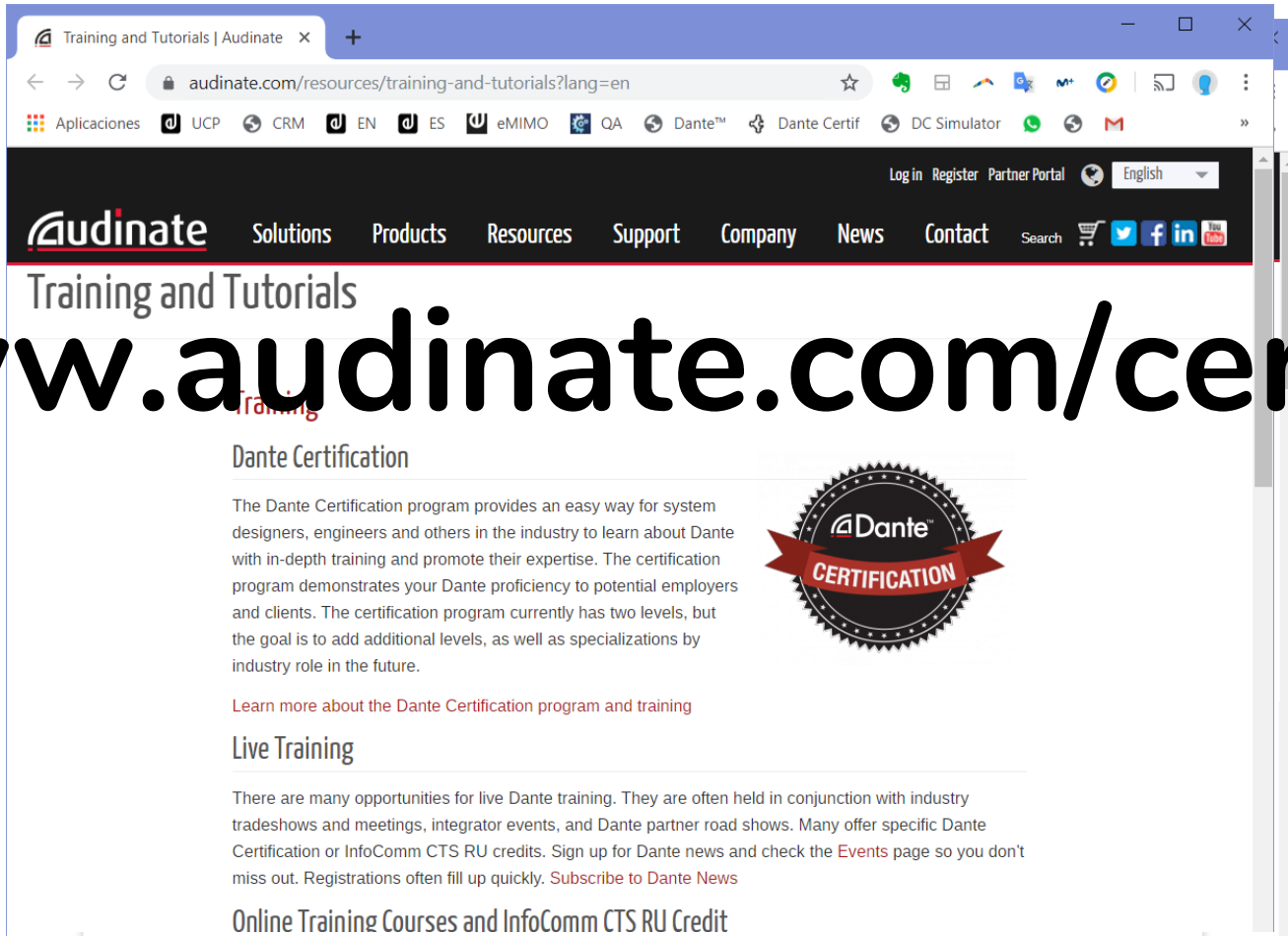
Dante Transmitters

- BOB-A 1..4
 - DUO A-L
 - DUO A-R
 - DUO B-L
 - DUO B-R
- BOB-B 1..4
 - IN 1
 - IN 2
 - IN 3
 - IN 4
- MIMO4040DN-FORM 1..16
 - BOB A1
 - BOB A2
 - BOB A3
 - BOB A4
 - BOB B1
 - BOB B2
 - BOB B3
 - BOB B4
 - DOU T9
 - DOU T10
 - DOU T11
 - DOU T12
 - DOU T13
 - DOU T14
 - DOU T15
 - DOU T16
 - DOU T17
 - DOU T18
 - DOU T19
 - DOU T20
 - DOU T21
 - DOU T22
 - DOU T23
 - DOU T24
 - DOU T25
 - DOU T26
 - DOU T27
 - DOU T28
 - DOU T29
 - DOU T30
 - DOU T31
 - DOU T32
- PAGNET-81e947 1..2
 - MIC
 - LINE

Dante Receivers

- BOB-A 1..4
 - OUT 1
 - OUT 2
 - OUT 3
 - OUT 4
- BOB-B 1..4
 - OUT 1
 - OUT 2
 - OUT 3
 - OUT 4
- MIMO4040DN-FORM 1..16
 - DUO A - BOB A
 - DUO A - BOB AR
 - DUO B - BOB A
 - DUO B - BOB AR
 - DIN5
 - DIN6
 - DIN7
 - DIN8
 - DIN9
 - DIN10
 - DIN11
 - DIN12
 - DIN13
 - DIN14
 - DIN15
 - DIN16

Unmanaged Multicast Bandwidth: 0 bps Event Log: Clock Status Monitor:



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Training and Tutorials

Dante Certification

The Dante Certification program provides an easy way for system designers, engineers and others in the industry to learn about Dante with in-depth training and promote their expertise. The certification program demonstrates your Dante proficiency to potential employers and clients. The certification program currently has two levels, but the goal is to add additional levels, as well as specializations by industry role in the future.

[Learn more about the Dante Certification program and training](#)



Live Training

There are many opportunities for live Dante training. They are often held in conjunction with industry tradeshows and meetings, integrator events, and Dante partner road shows. Many offer specific Dante Certification or InfoComm CTS RU credits. Sign up for Dante news and check the [Events](#) page so you don't miss out. Registrations often fill up quickly. [Subscribe to Dante News](#)

Online Training Courses and InfoComm CTS RU Credit

www.audinate.com/certify



MSG 1

MSG 2

BGM F1

BGM F2

BGM F3

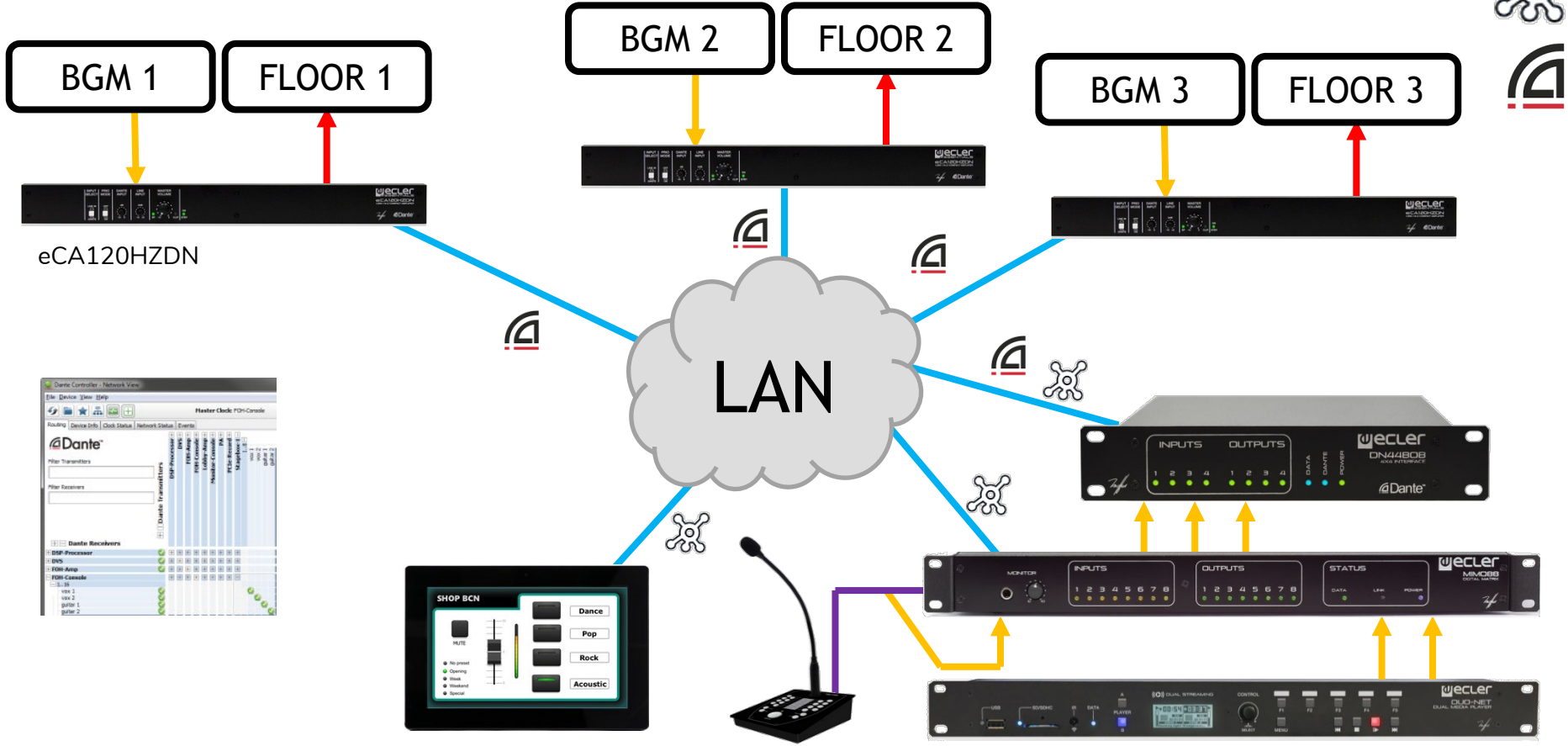
PAGER

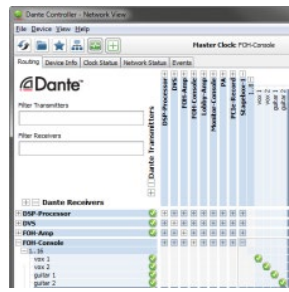
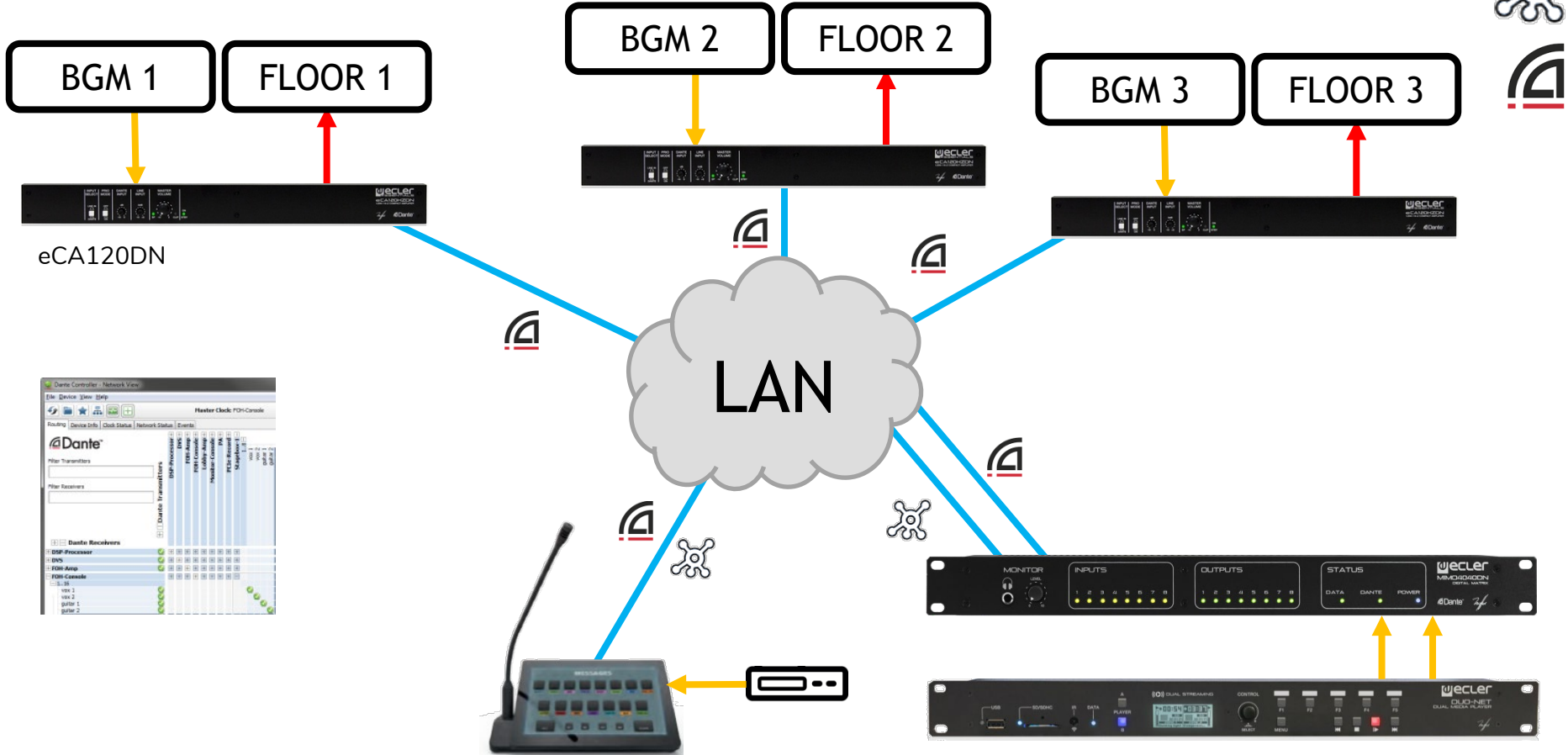


FLOOR 1

FLOOR 2

FLOOR 3





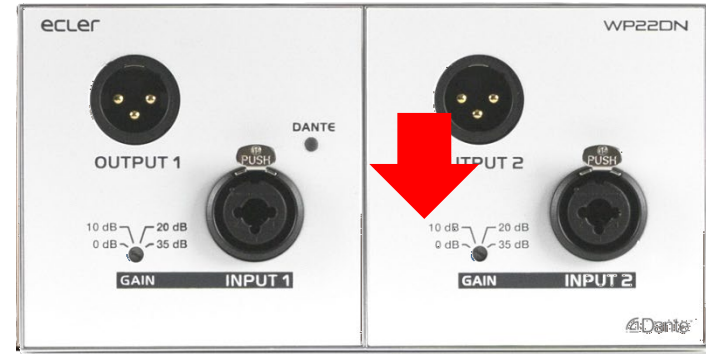
WP22DN

2 Inputs + 2 Outputs wall panel audio interface

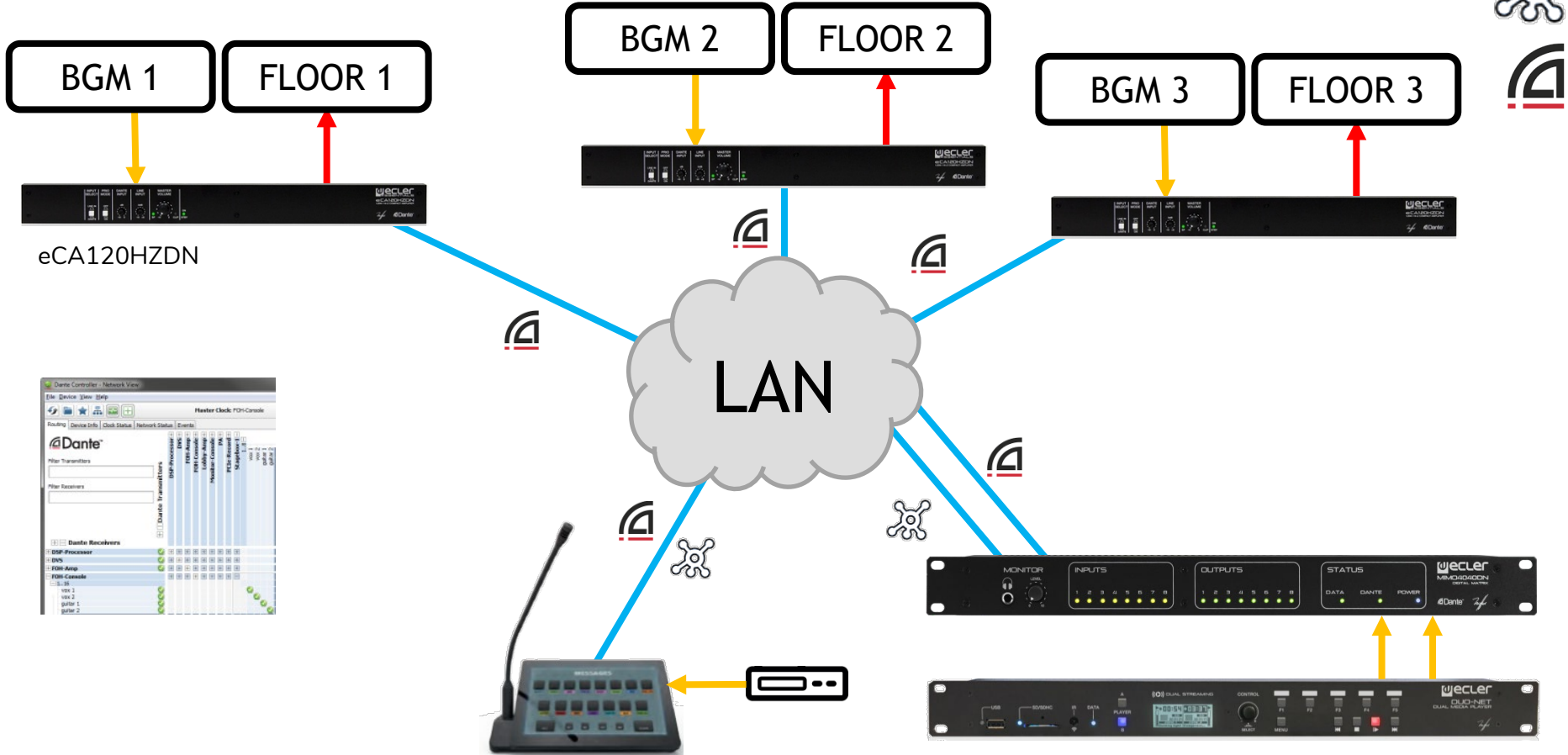
- Ethernet / DANTE™ interface
- PoE or local PSU power (WP24-PSU not included)
- **2 MIC / LINE bal inputs (PHANTOM ON/OFF), combo → to 2 Tx DANTE™ ch.**

Inputs selector to DANTE™ transmitter:

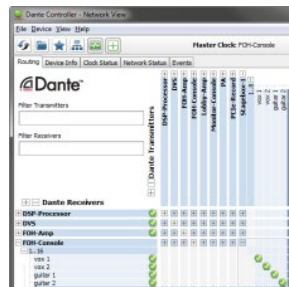
- **DN1:**
CH IN1 | CH IN1 + CH IN2
- **DN2:**
CH IN2 | CH IN1 + CH IN2

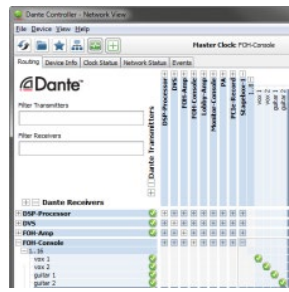
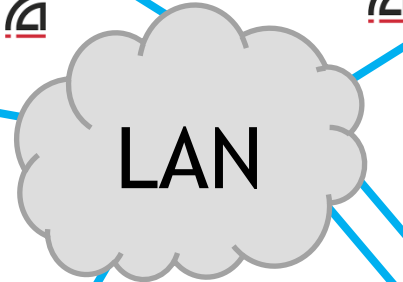
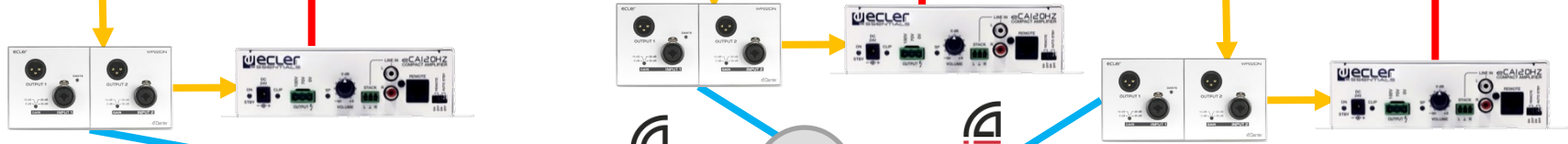
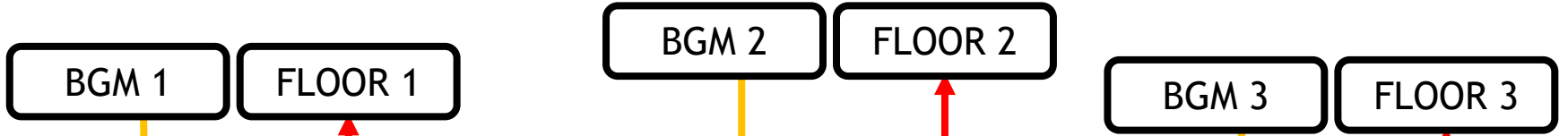


- **2 LINE bal outputs → from 2 DANTE™ Rx ch.**
Doubled connectors: XLR-M on front, Euroblock on back



eCA120HZDN





EclerNet Manager: MIMO4040DN

MIMO4040DN | Introduction

Input

8

ANALOG
MIC/LINE



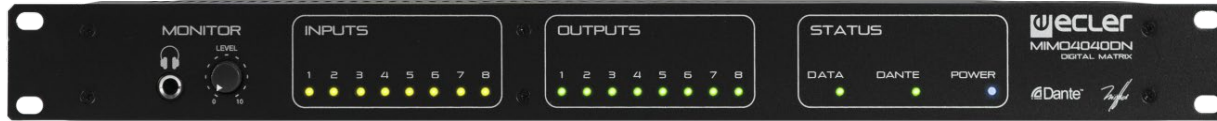
32

Dante™



Primary Secondary

MIMO4040DN Dante™ Digital Matrix Native DSP:40x40



INPUTS DSP PROCESSING
mono / ST management
time delay
parametric EQ
noise gate
compressor
frequency shifter



EclerNet Manager

OUTPUTS DSP PROCESSING
mono / ST management
time delay
Crossover EQ filters
parametric EQ
limiter

25 Ducker/Pager priority modules | UCP server: store and execute ENM projects
NTP Sync: MIMO4040DN can synchronize its clock with an NTP service

Output

8

ANALOG

32

Dante™



Primary Secondary

MIMO4040DN | Local Audio Inputs & Outputs



- **8 x ANALOGUE MIC/LINE INPUT PORTS,**
balanced, Phantom power available
- **8 x ANALOGUE OUTPUTS PORTS, LINE LEVEL,**
balanced
- **2 x MONITOR OUTPUT PORTS**
jack on front panel, Euroblock on back panel)



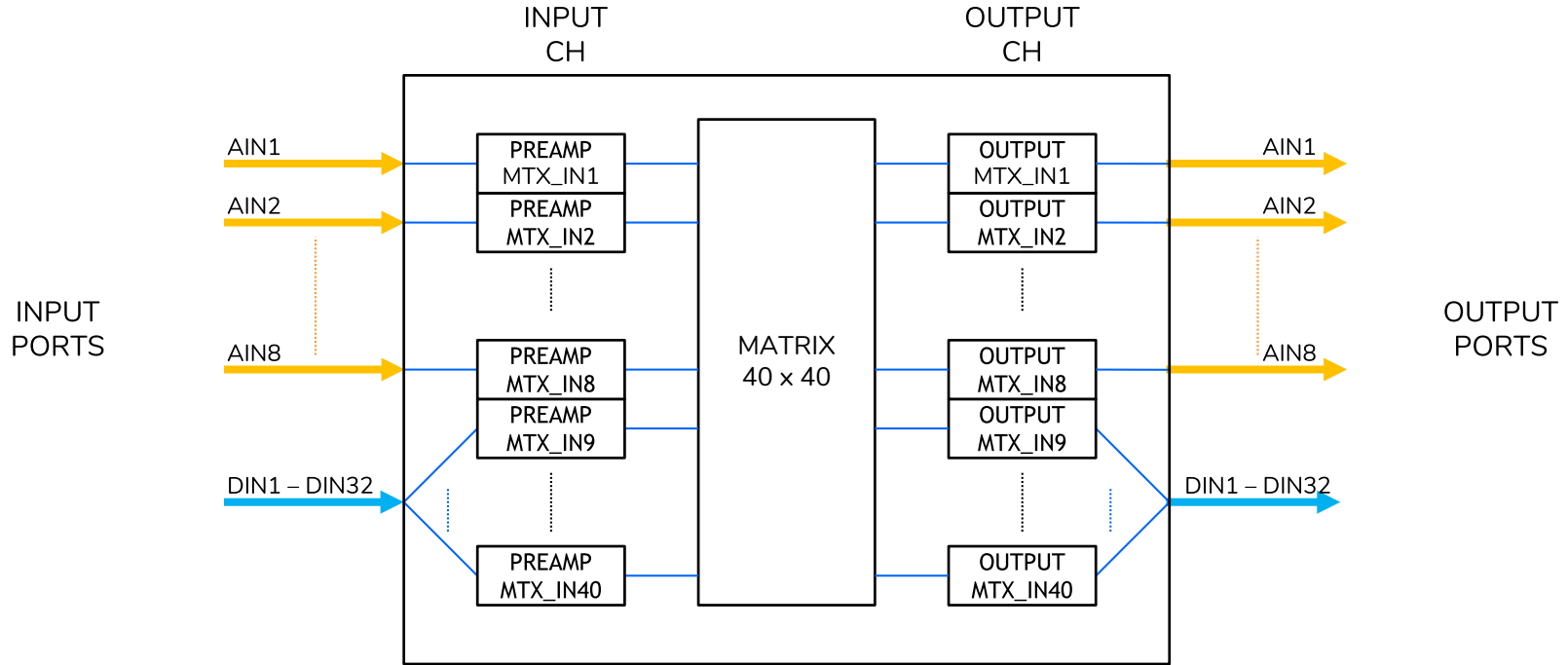
- **32 x DANTE™/AES67 Rx INPUT PORTS**
- **32 x DANTE™/AES67 Tx OUTPUT PORTS**
- **2 x DANTE™/AES67 RJ45 Interfaces,**
PRIMARY and SECONDARY (switched or redundant mode).

Redundant mode → automatic cutover in case of network failure

Switched mode → as a standard switch port, allowing daisy-chaining through MIMO

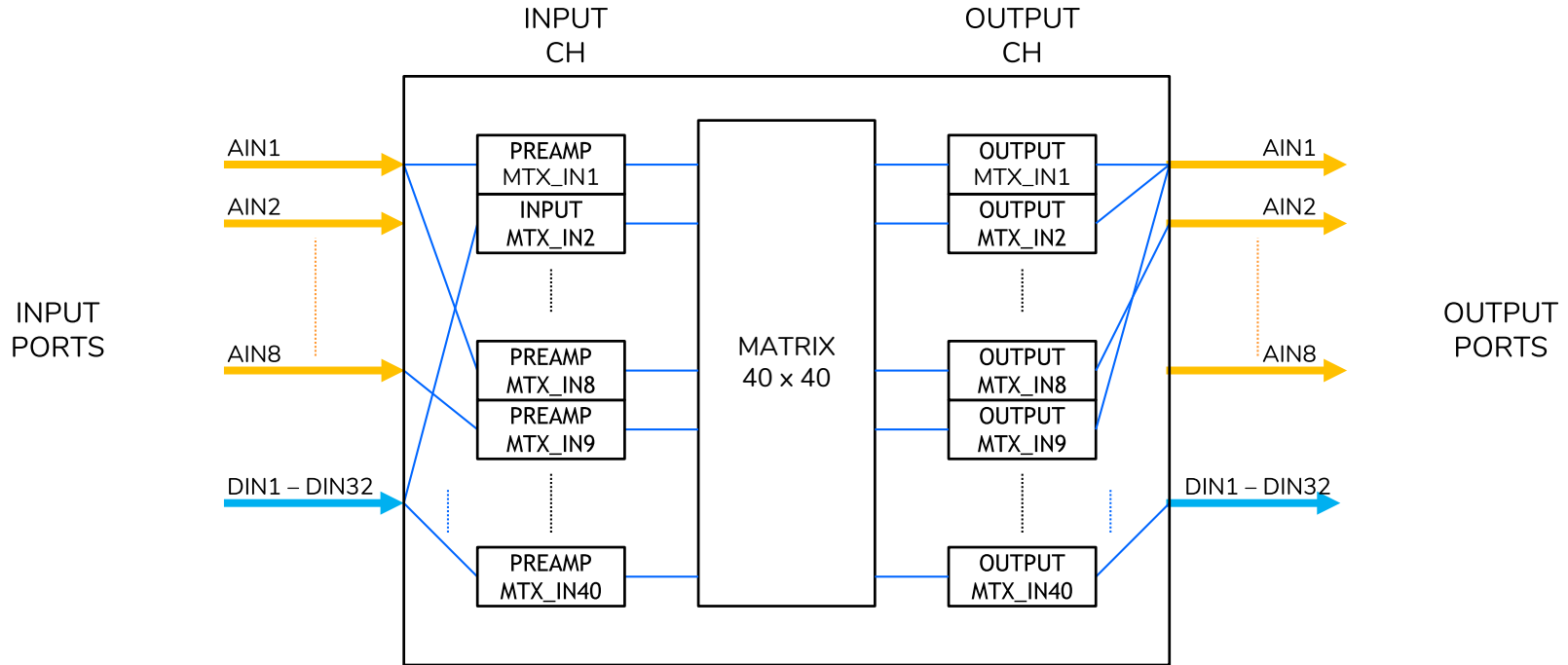


MIMO4040DN | Flexible Routing

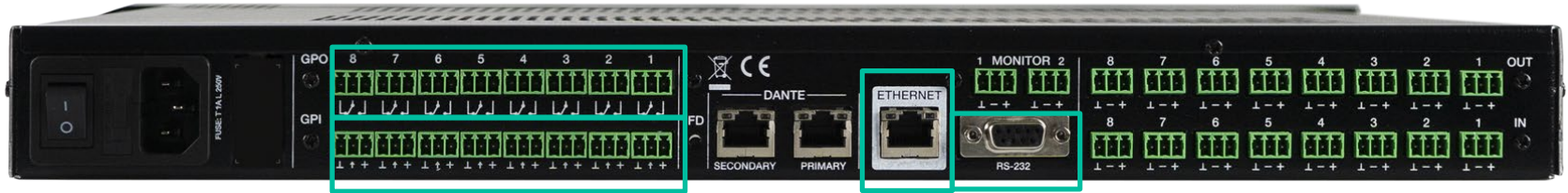




MIMO4040DN | Flexible Routing

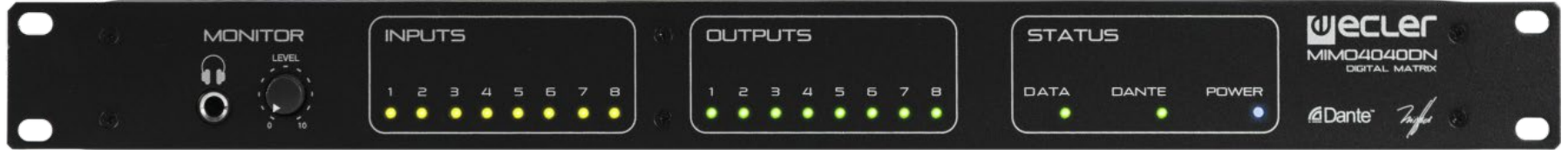


MIMO4040DN | Control Ports



- **8 x GPO** ports
(NO/NC relays)
- **8 x GPI** ports
(analogue control, 0-12 VDC)
- **1 x Ethernet RJ45 Interface:**
 - EclerNet communication
 - UCP (User Control Panels) control system
 - TP-NET protocol (third-party integration)
- **1 x DB9 RS-232 Interface:**
 - TP-NET protocol (third-party integration)

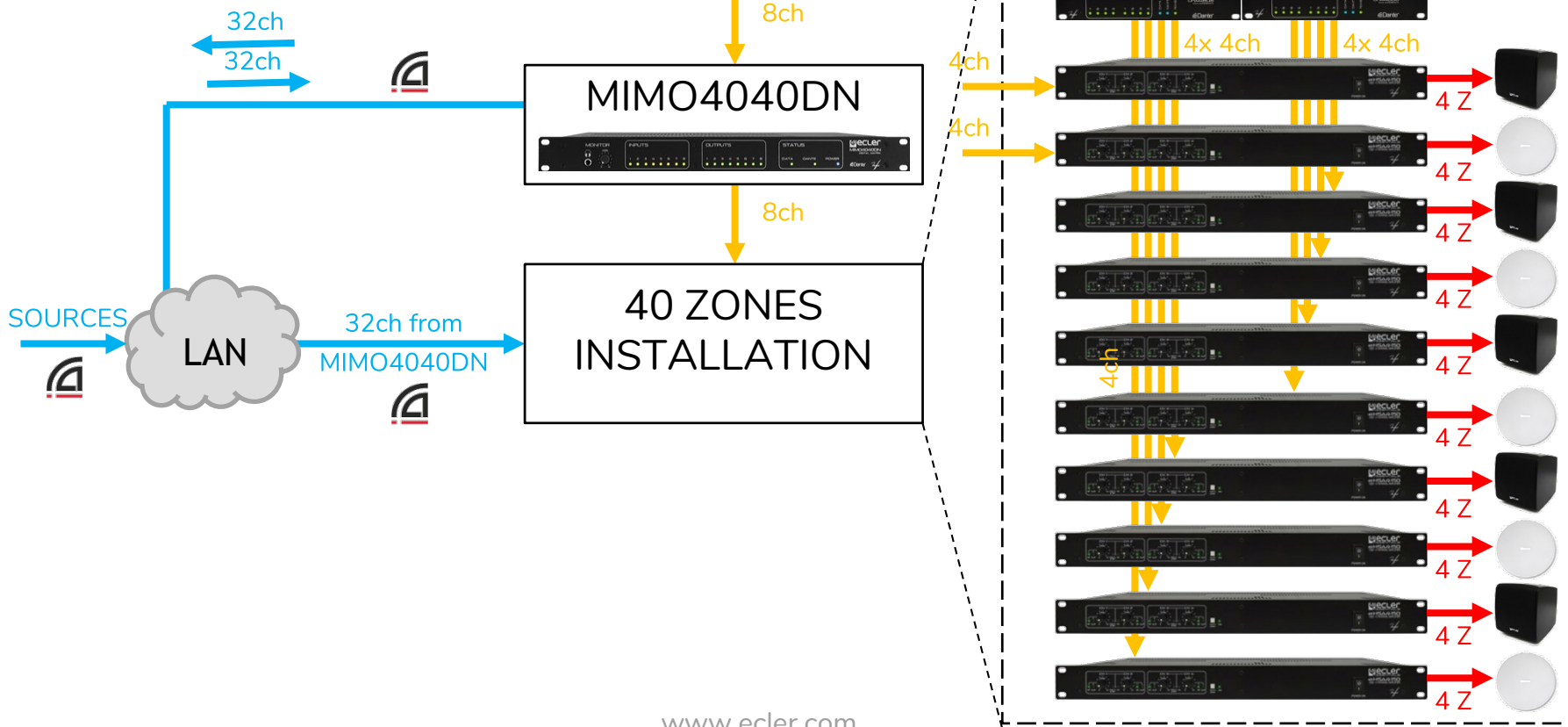
MIMO4040DN | Additional Features



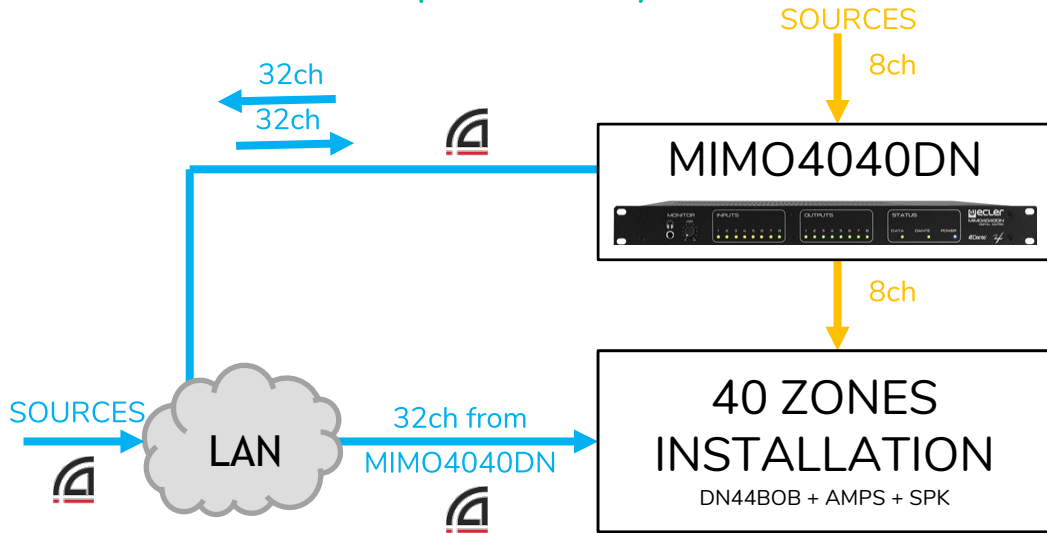
- **Embedded EclerNet project UCP server:**
no need for an additional PC or WPNETTOUCH device behaving as the system's UCP server
- **Ethernet remote control peripherals:** WPNET4KV, WPNET8K, WPNET12K, WPNETEX networked and PoE peripherals, no local connections of remote controls straight to the MIMO
- **NTP Synchronization:**
automatically synchronizes its clock with an NTP service (Network Time Protocol).
- **AES67 Compatible**

EclerNet Manager: Scalability MIMO4040DN

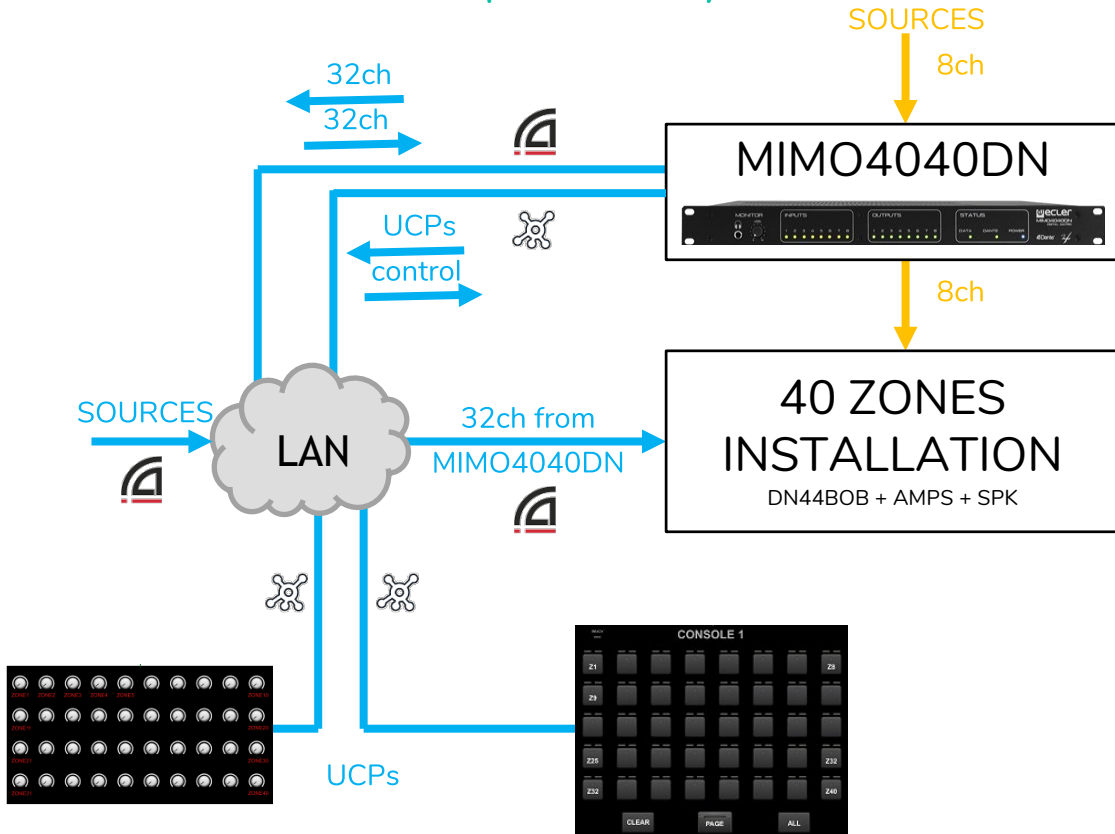
MIMO4040DN | Scalability



MIMO4040DN | Scalability



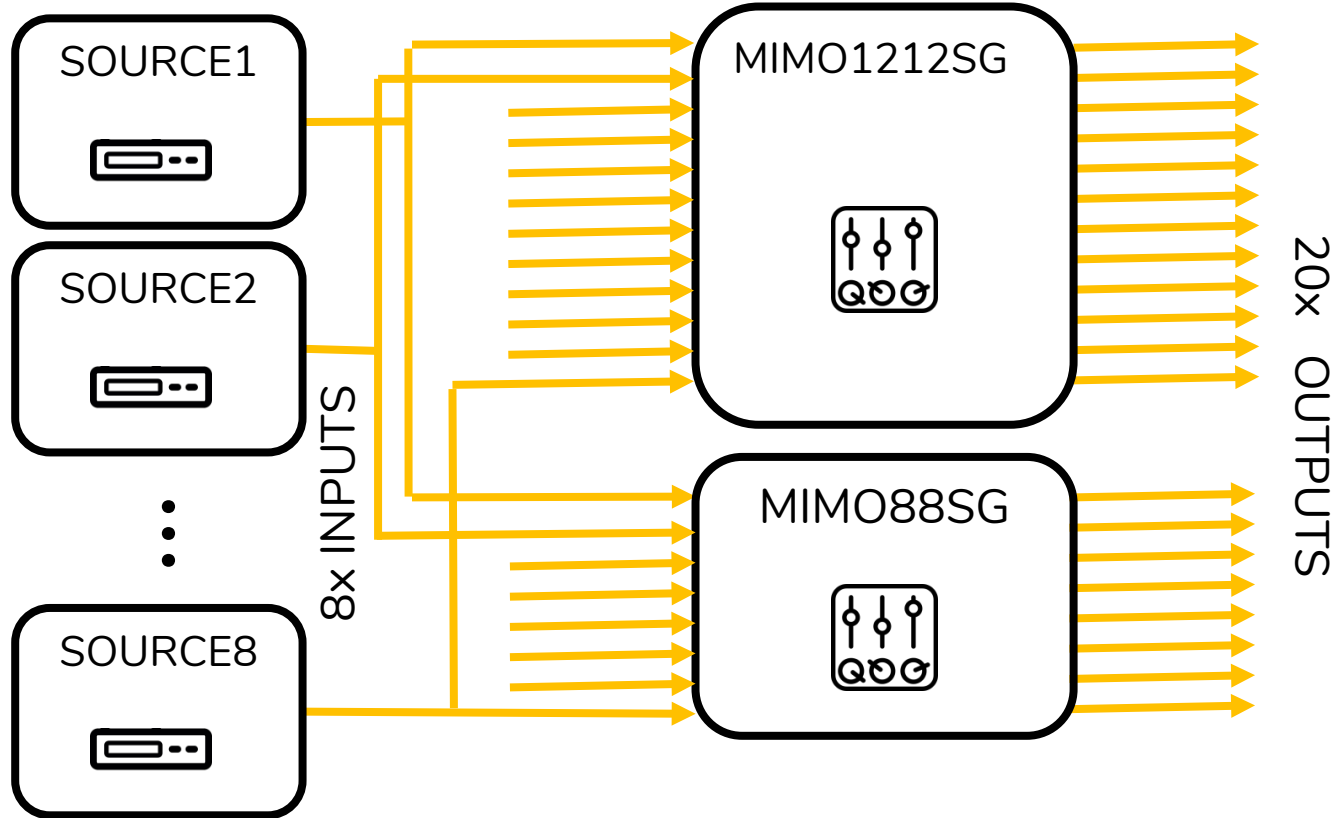
MIMO4040DN | Scalability



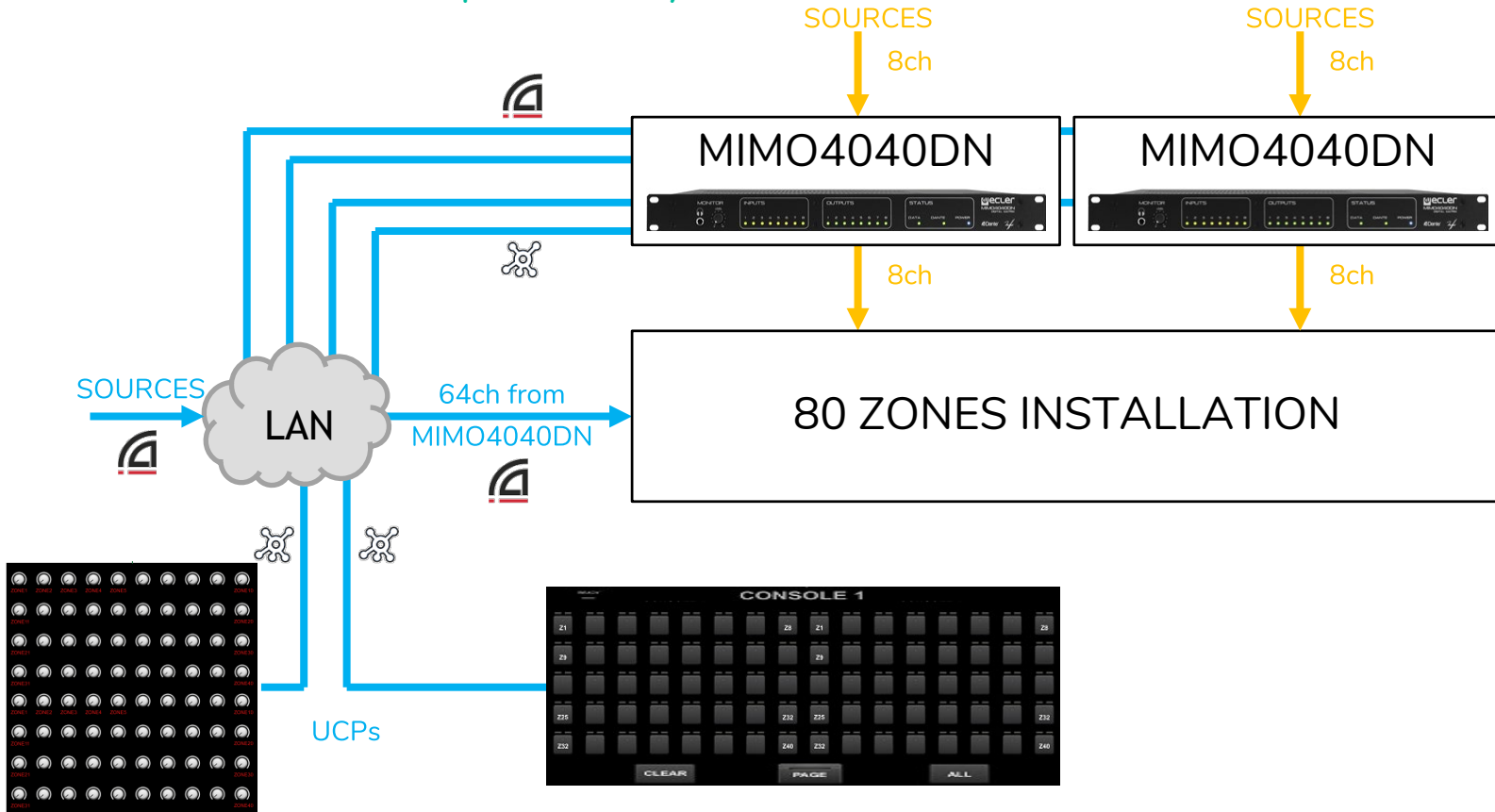
CONTROL?

MORE ZONES?

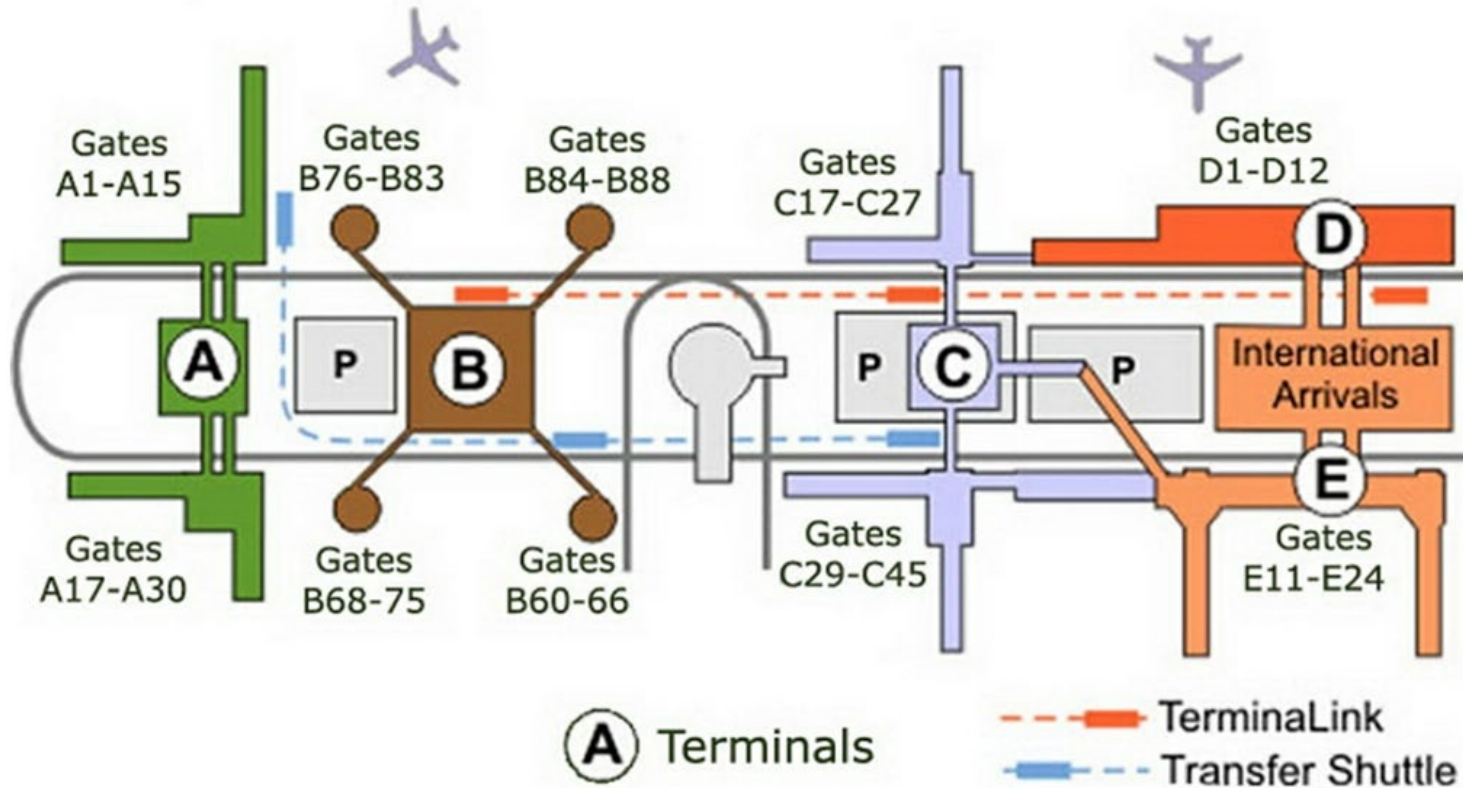
MIMO88SG + MIMO1212SG → “MIMO820SG”



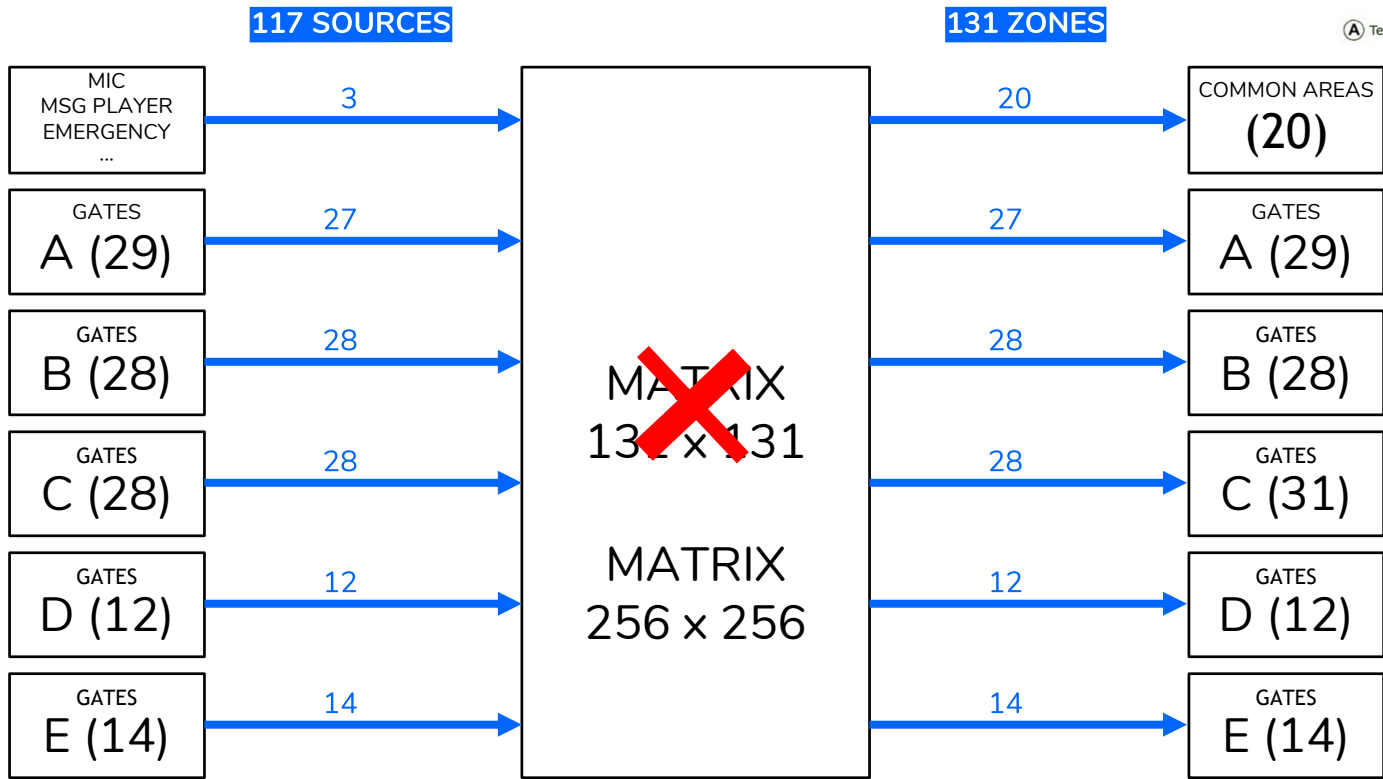
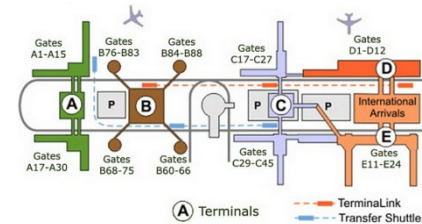
MIMO4040DN | Scalability



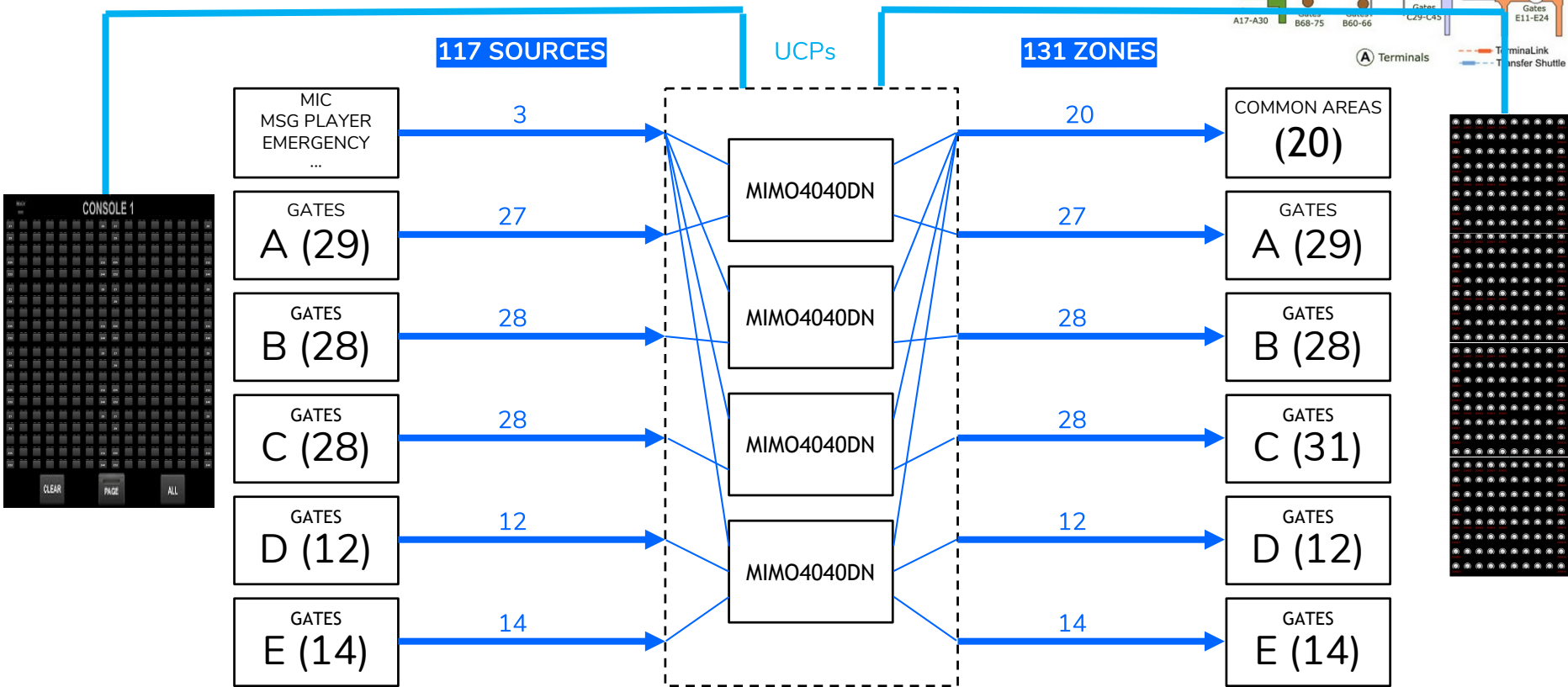
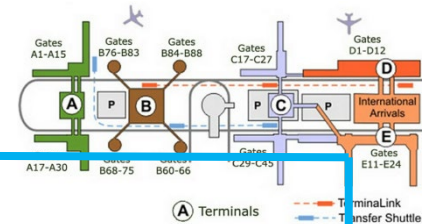
MIMO4040DN | Scalability



MIMO4040DN | Scalability



MIMO4040DN | Scalability





MIMO4040DN CONFERENCE

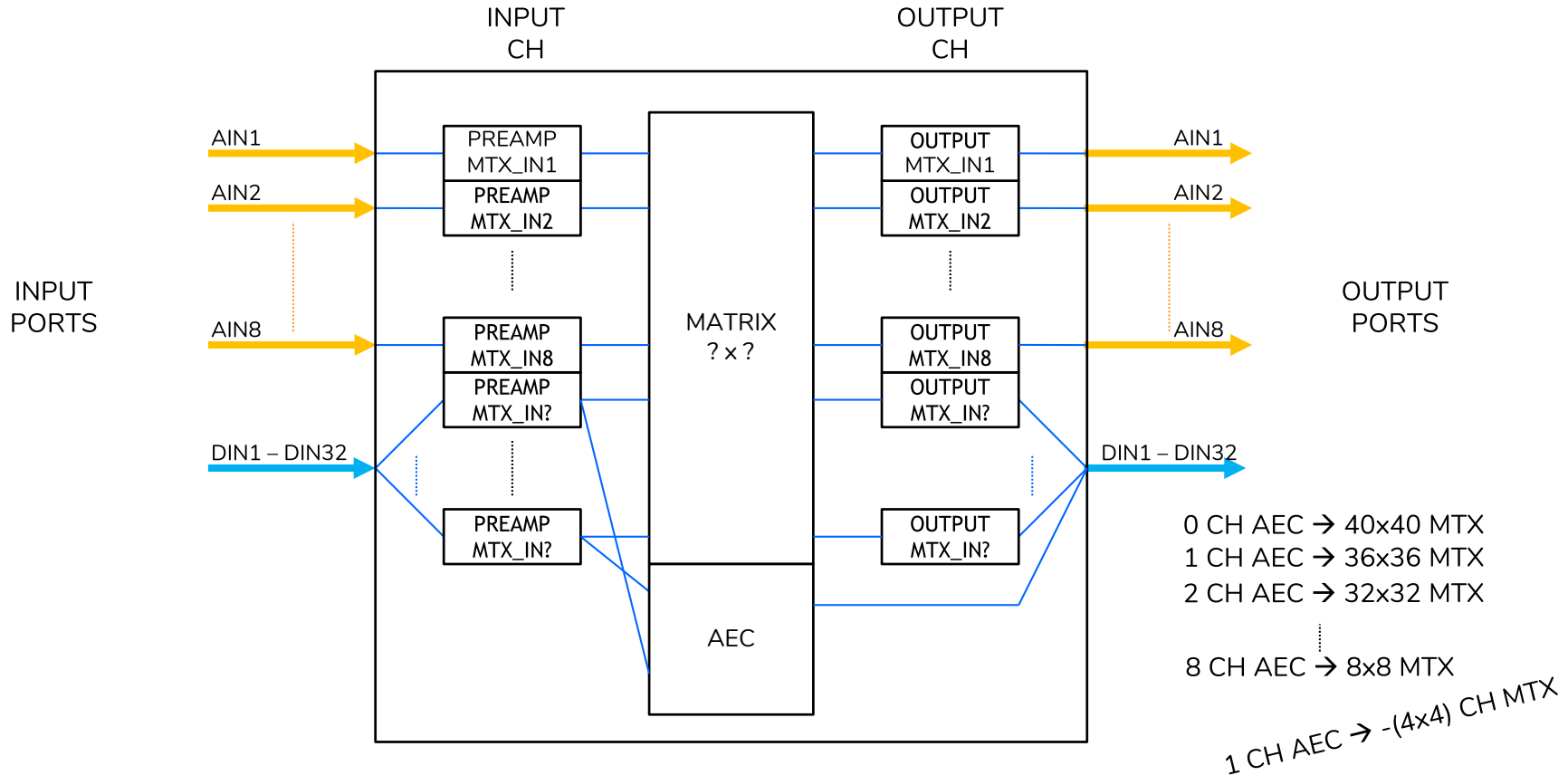
Same Hardware, only firmware change to CONFERENCE (CONF)

For conference applications where they need:

- Auto mixing
- Feedback killer
- **AEC – Acoustic Echo Cancellation** 

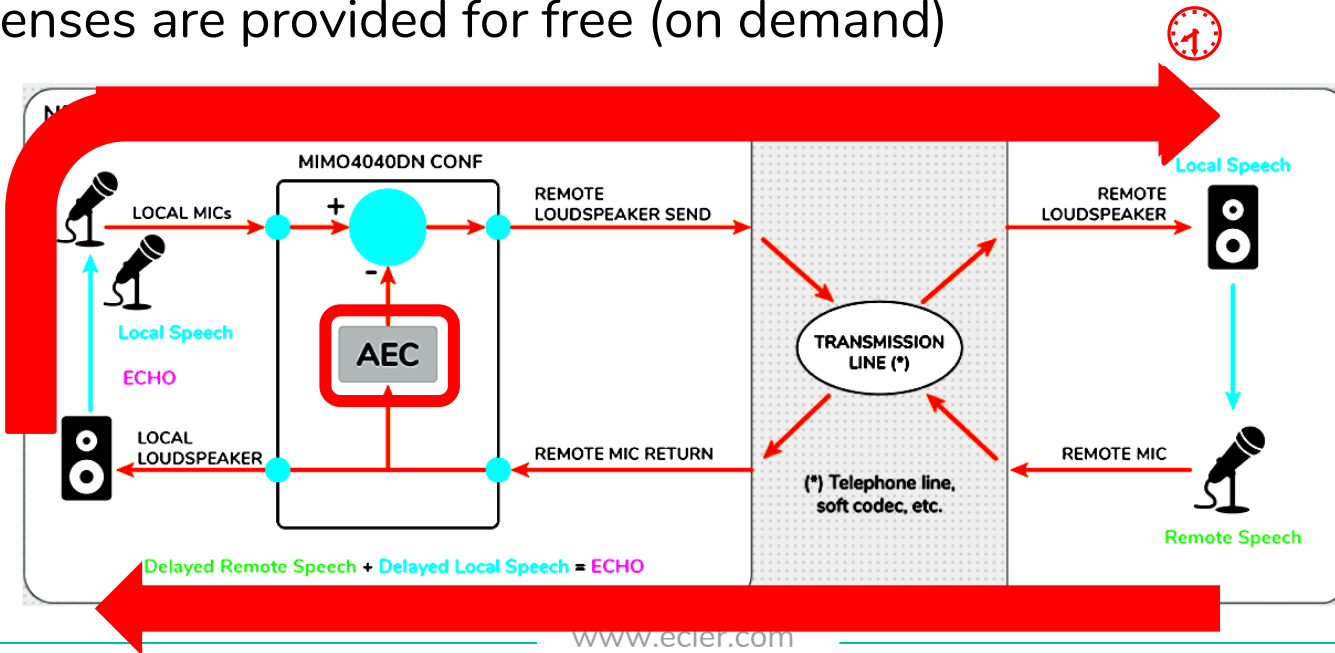
When AEC mics are added the matrix is reduced.

MIMO4040DN CONFERENCE | AEC + Flexible Routing



AEC

- 4 AEC modules (ROOMS) available
- 8 MICs (licenses) maximum can be processed.
- 2 Licenses are provided for free (on demand)



EclerNet Manager:
VEO-XTI2L
VEO-XRI2L
& OTHERS

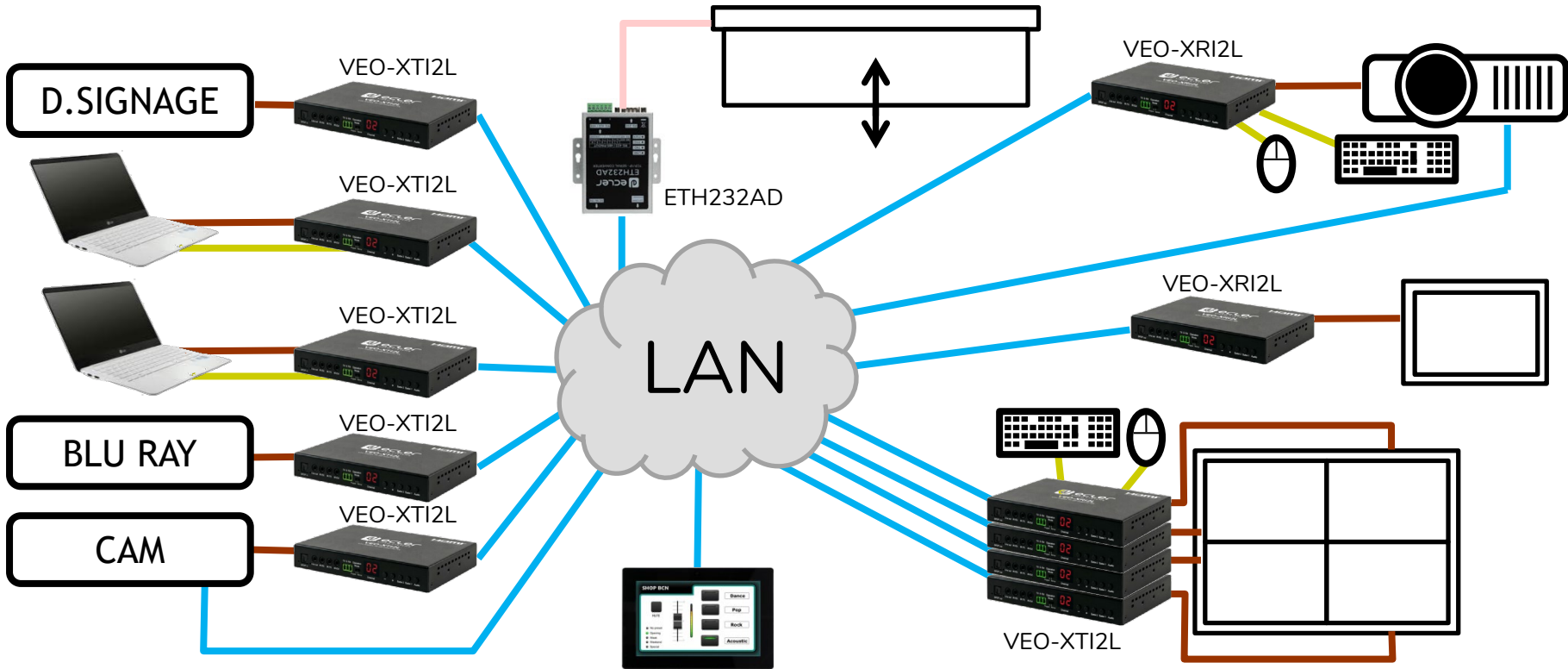


VEO-XTI2L & VEO-XRI2L

- 4K UHD HDMI over IP / FO
- Low Latency (1 to 3 frames)
- Point to point and multipoint
- Video Wall (up to 8x8)
- Audio de-embedder
- USB 2.0 Over IP extension for KVM
- RS-232 / IR Over IP extension
- PoE or external PSU (included)

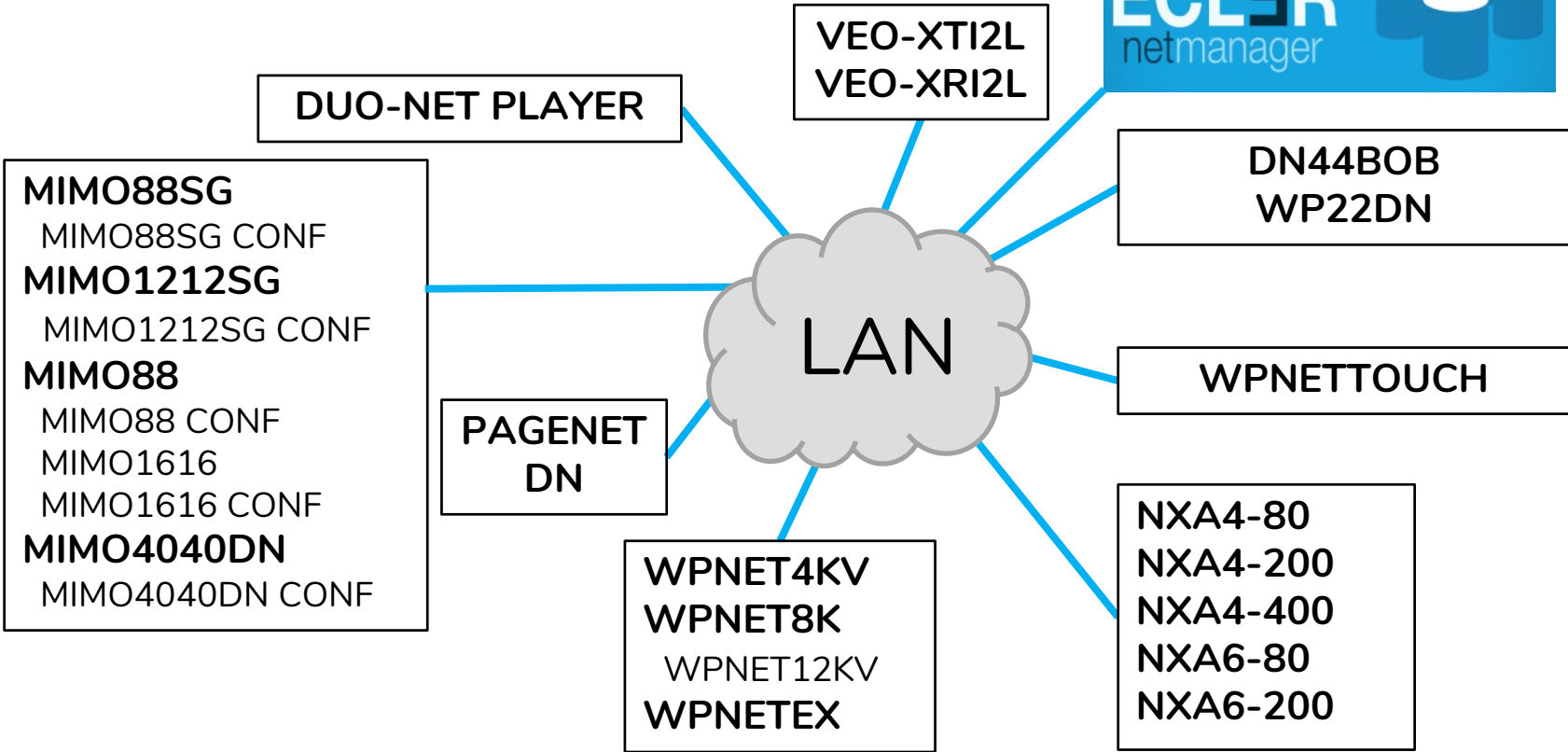


Events Venue (2 Rooms + Hall)



Summary Products Overview

EclerNet Manager Product Range



EclerNet Manager: The software (MIMO)

Info & resources

Web:

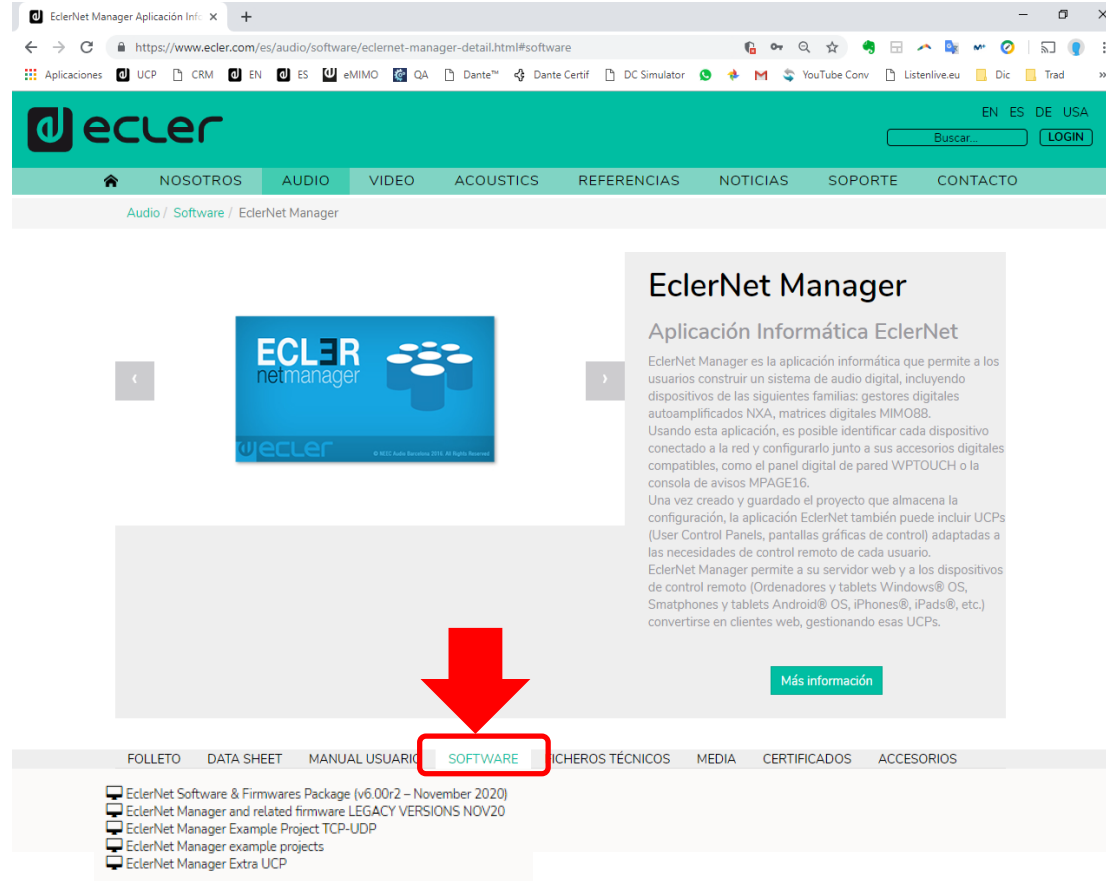
- User Manual
 - EclerNet Manager (407p)
 - Devices (hardware)
 - TP-NET
 - ...
- Datasheets
- Techfiles

The screenshot shows the Ecler website interface. At the top, there is a navigation bar with the Ecler logo and language options (EN, ES, DE, USA). Below this is a main menu with categories: AUDIO, VIDEO, ACOUSTICS, REFERENCIAS, NOTICIAS, SOPORTE, and CONTACTO. A red arrow points to the 'AUDIO' menu item. The main content area features a central image of the EclerNet Manager software box. To the right of the image is a text block titled 'EclerNet Manager' and 'Aplicación Informática EclerNet', which describes the software's capabilities. Below the text is a 'Más información' button. At the bottom of the page, there is a footer menu with links: FOLLETO, DATA SHEET, **MANUAL USUARIO** (highlighted with a red box and a red arrow), SOFTWARE, FICHEROS TÉCNICOS, MEDIA, CERTIFICADOS, and ACCESORIOS. Below the footer menu, there is a list of manual files for download, including 'EclerNet Manager User Manual (v5.00r5 - February 2019)', 'EclerNet Manager Manual de Usuario (v5.00r5 - February 2019)', 'TP-Net Protocol User Manual', and 'How to edit Ecler standard UCP graphical controls to create your own ones (button example)'.

Info & resources

Software:

- Latest Software & **Firmware**
 - Basic Panels
 - Controls Library
 - Legacy SW & FW Table
- Examples
 - Projects
 - Panels
 - Pages
 - Extra panels



EN ES DE USA

Buscar... LOGIN

NOSOTROS AUDIO VIDEO ACOUSTICS REFERENCIAS NOTICIAS SOPORTE CONTACTO

Audio / Software / EclerNet Manager

EclerNet Manager

Aplicación Informática EclerNet

EclerNet Manager es la aplicación informática que permite a los usuarios construir un sistema de audio digital, incluyendo dispositivos de las siguientes familias: gestores digitales autoamplificados NXA, matrices digitales MIMO8B. Usando esta aplicación, es posible identificar cada dispositivo conectado a la red y configurarlo junto a sus accesorios digitales compatibles, como el panel digital de pared WPTOUCH o la consola de avisos MPAGE16. Una vez creado y guardado el proyecto que almacena la configuración, la aplicación EclerNet también puede incluir UCPS (User Control Panels, pantallas gráficas de control) adaptadas a las necesidades de control remoto de cada usuario. EclerNet Manager permite a su servidor web y a los dispositivos de control remoto (Ordenadores y tablets Windows® OS, Smartphones y tablets Android® OS, iPhones®, iPads®, etc.) convertirse en clientes web, gestionando esas UCPS.

Más información

FOLLETO DATA SHEET MANUAL USUARIO **SOFTWARE** ARCHIVOS TÉCNICOS MEDIA CERTIFICADOS ACCESORIOS

- 📄 EclerNet Software & Firmwares Package (v6.00r2 - November 2020)
- 📄 EclerNet Manager and related firmware LEGACY VERSIONS NOV20
- 📄 EclerNet Manager Example Project TCP-UDP
- 📄 EclerNet Manager example projects
- 📄 EclerNet Manager Extra UCP

Info & resources

Media:

- Video Tutorials (YouTube)
 - 11 videos
 - More than 1h



A screenshot of a web browser displaying the EclerNet Manager product page. The browser's address bar shows the URL: https://www.ecler.com/es/audio/software/ecler-net-manager-detail.html#images_video. The website has a teal header with the ecler logo and navigation links: NOSOTROS, AUDIO, VIDEO, ACOUSTICS, REFERENCIAS, NOTICIAS, SOPORTE, CONTACTO. Below the header, there is a main content area with a blue box containing the EclerNet Manager logo and a text block describing the software. A red arrow points from the text block to a 'Más información' button. At the bottom of the page, there is a navigation bar with links: FOLLETO, DATA SHEET, MANUAL USUARIO, SOFTWARE, FICHEROS TÉCNICOS, MEDIA (highlighted with a red box), CERTIFICADOS, ACCESORIOS. Below the navigation bar, there is a section titled 'No hay elementos para este producto' followed by a list of links to manuals and guides.



Explorer

Design

Deploy

Users

Settings

Lock

Panic



Project Explorer (10.0.1.58 - Local)

Devices (1 groups)

- All (6)
 - DUO-NET DUO-NET
 - FORM_MASTER MIMO88**
 - NO LABEL MIMO88 (slave)
 - FORM_SCREEN WpMSCREEN
 - FORM_6_200 NXA6-200
 - Matrix Ceiling MIMO1212SG

Channels (1 groups)

- All (33)

User Control Panels (6 Panels)

- AUDEO DEMO (2 pages)
- IC DEMO (2 pages)
- iPad Air (1 pages)
- iPhone 5 (1 pages)
- iPad Air 2 (2 pages)
- INPUT LEVEL (1 pages)

Online and Unused Device List

Empty list area for online and unused devices.

Device : FORM_MASTER

MIMO88

PRESET: [Dropdown]

PHONES: OUT 1/2 : AUD103 L

FIRMWARE: ---

GENERATOR

SIGNAL: PINK NOISE

FREQUENCY: [Knob: 20k]

CONFIG

MODE: 16x16

PRESET 1 START UP: OFF

OPERATING TIME: ---

LOCAL TIME: ---

NETWORKING

ETHERNET MAC: 00-1A-96-00-F0-5F

IP ADDRESS: 10.11.11.33

UDP PORT: 2210

SUBNET MASK: ---

GATEWAY: ---

INPUTS | MATRIX | **OUTPUTS** | PAGERS/DUCKERS | GPIs/GPOs | REMOTES

INPUT

IN 1/2 : CD PLAYER

IN 3 : PC MONO

IN 4 : INPUT 4

IN 5/6 : PLAYER A L

IN 7 : MPAGE16

IN 8 : MIX-T

IN 9 : INPUT 9

IN 10 : INPUT 10

IN 11 : INPUT 11

IN 12 : INPUT 12

IN 13 : INPUT 13

IN 14 : INPUT 14

IN 15 : INPUT 15

IN 16 : INPUT 16

SELECT: IN 1

MODE: STEREO

0 dB

-20 dB

-40 dB

PHANTOM

GAIN: +4.5 dB

DELAY

0.00 ms

GATE

THRESHOLD: -47

MIN: -64

MAX: -16

DEPTH

COMPRESSOR

THRESHOLD: -27

MIN: -36

MAX: +9

KNEE: HARD

RATIO: 1:1

ATTACK

RELEASE

HOLD

MAKE-UP

LEVEL

-9.0 dB

F.SHIFTER

ACTIVE

PARAMETRIC EQ

TYPE: [Dropdown]

FREQUENCY: [Knob: 20k]

GAIN: [Knob]

Q: [Knob]

RELEASE: [Knob]

1. INPUT

- 1.1. Input
- 1.2. Delay
- 1.3. Parametric EQ
- 1.4. Noise Gate
- 1.5. Compressor
- 1.6. Level
- 1.7. Frequency Shifter



1. INPUT

1.1. Input

1.2. Delay

1.3. Parametric EQ

1.4. Noise Gate

1.5. Compressor

1.6. Level

1.7. Frequency Shifter



1. INPUT

1.1. Input

The screenshot displays the MIMO88 audio interface with the following sections and controls:

- GENERATOR:** SIGNAL: PINK NOISE (indicated by a red arrow); FREQUENCY: 600, 2k, 5k, 150, 10k, 20k.
- CONFIG:** MODE: 8x8; PRESET 1 START UP: OFF; OPERATING TIME: ---; LOCAL TIME: ---.
- NETWORKING:** ETHERNET MAC: ---; IP ADDRESS: 0.0.0.0; UDP PORT: 2210; SUBNET MASK: ---; GATEWAY: ---.
- INPUTS:** IN 1: INPUT 1; IN 2: INPUT 2; IN 3: INPUT 3; IN 4: INPUT 4; IN 5: INPUT 5; IN 6: INPUT 6; IN 7: INPUT 7; IN 8: INPUT 8.
- INPUT (highlighted):** SELECT: IN 1; MODE: MONO; GAIN: 0 dB; PHANTOM: .
- DELAY:** 0,00 ms.
- PARAMETRIC EQ:** TYPE: 1, 2, 3, 4; FREQUENCY: 600, 2k, 5k, 150, 10k, 20k; GAIN: MIN, MAX; Q: MIN, MAX.
- GATE:** THRESHOLD: -47, -64, -80, -16, 0, +18; DEPTH: MIN, MAX; ATTACK: MIN, MAX; HOLD: MIN, MAX; RELEASE: MIN, MAX.
- COMPRESSOR:** THRESHOLD: -18, -27, -36, 0, +9; RATIO: 1:1; ATTACK: MIN, MAX; RELEASE: MIN, MAX; MAKE-UP: MIN, MAX.
- LEVEL:** CLIP; 0,0 dB.
- F.SHIFTER:** ACTIVE: .

Input



Phantom
+42VDC



Sensitivity

- 0 dB
- -20 dB
- -40 dB



1. INPUT

1.1. Input

1.2. Delay



Delay

Delay of the input signal.

- Milliseconds
- Seconds
- Centimeters
- Meters



1. INPUT

1.1. Input

1.2. Delay

1.3. Parametric EQ



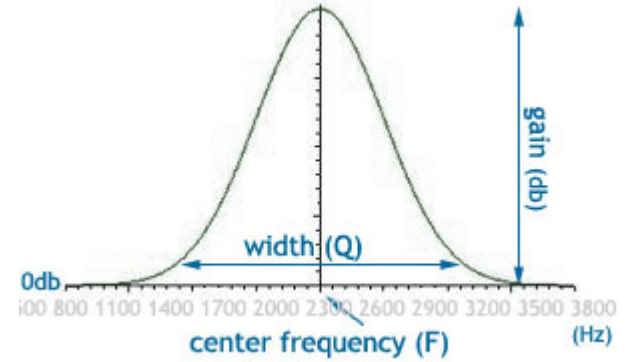
Parametric EQ



- ✓ Bypass
- Parametric EQ
- Low-Shelf 6dB/oct
- Low-Shelf 12dB/oct
- High-Shelf 6dB/oct
- High-Shelf 12dB/oct
- Low-Pass 6dB/oct
- Low-Pass 12dB/oct
- High-Pass 6dB/oct
- High-Pass 12dB/oct
- All-Pass order 1
- All-Pass order 2

Parameters

- Type of filter
- Frequency
- Gain
- Q



1. INPUT

1.1. Input

1.2. Delay

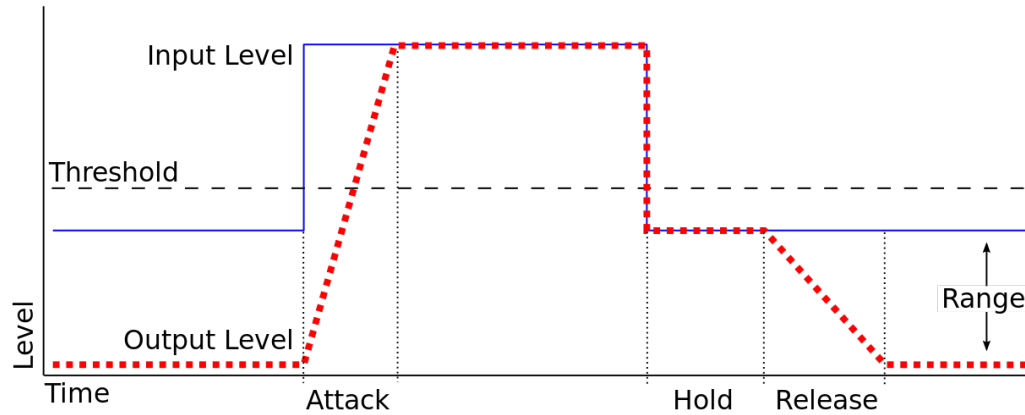
1.3. Parametric EQ

1.4. Noise Gate



Noise Gate

Noise Gate Parameters

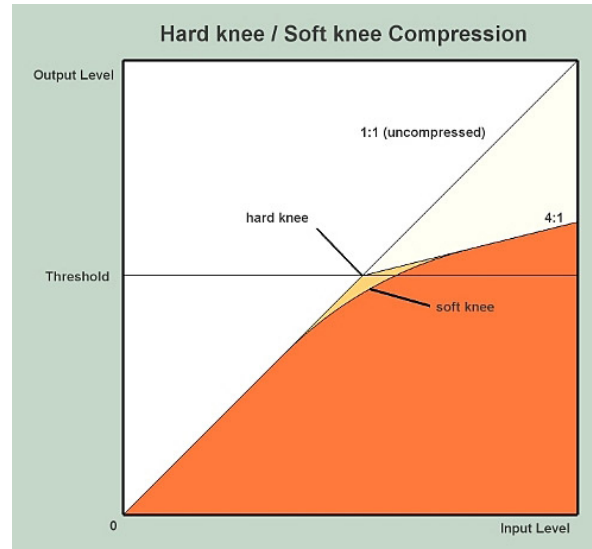
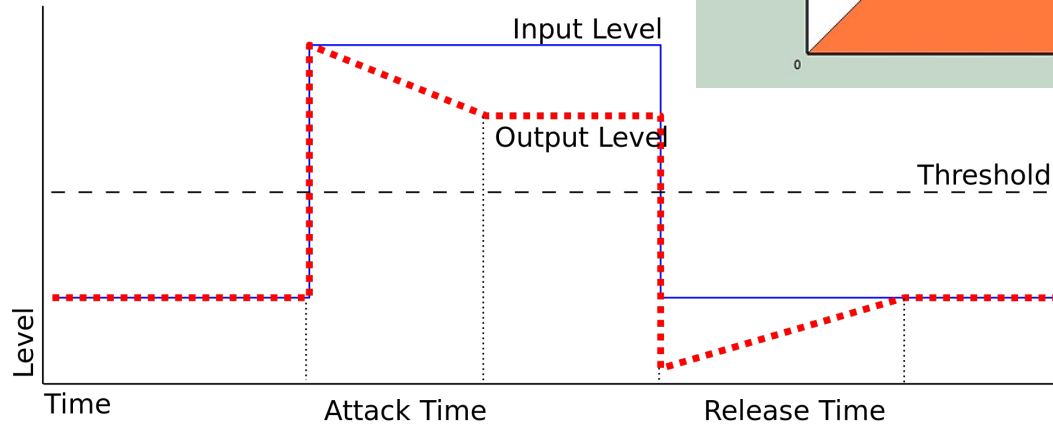


1. INPUT

- 1.1. Input
- 1.2. Delay
- 1.3. Parametric EQ
- 1.4. Noise Gate
- 1.5. Compressor



Compressor



COMPRESSOR

GR: -18, -27, -36, 0, +9, +18

THRESHOLD
-18,0 dB

KNEE
 HARD
 SOFT

RATIO
1:1 LIM
4,0 : 1

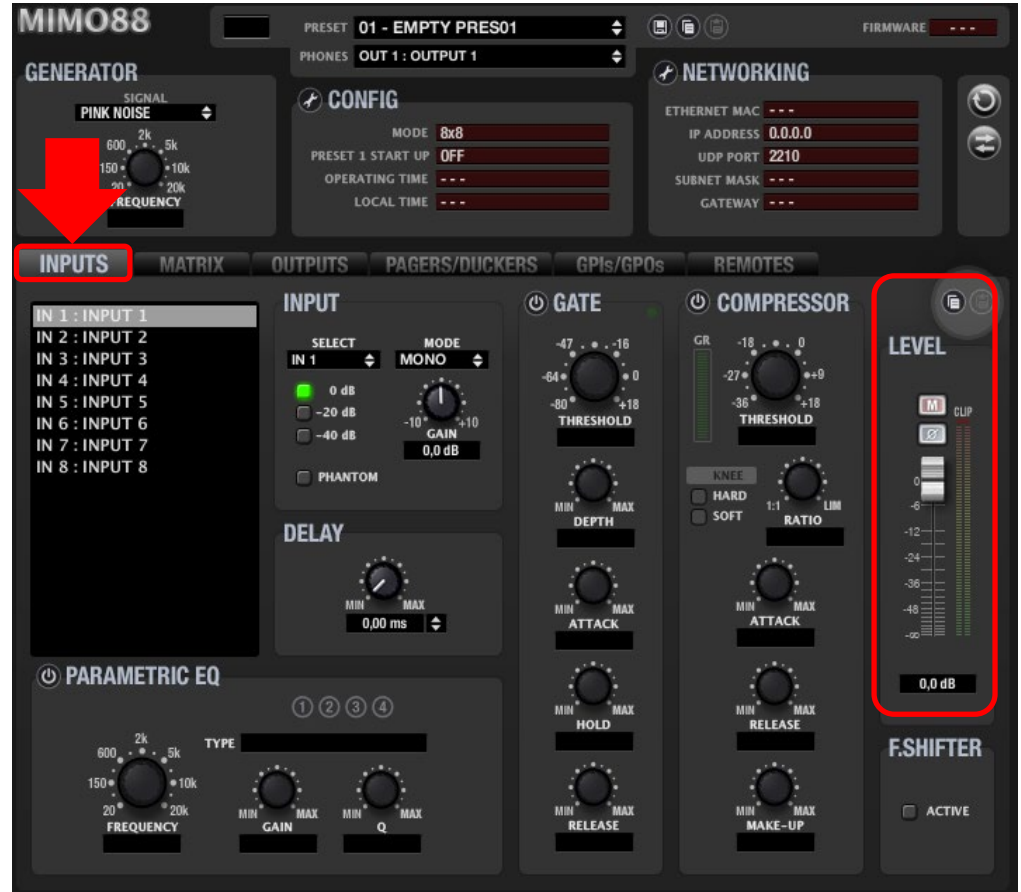
ATTACK
MIN MAX
10 ms

RELEASE
MIN MAX
300 ms

MAKE-UP
MIN MAX
+3,0 dB

1. INPUT

- 1.1. Input
- 1.2. Delay
- 1.3. Parametric EQ
- 1.4. Noise Gate
- 1.5. Compressor
- 1.6. Level



Level

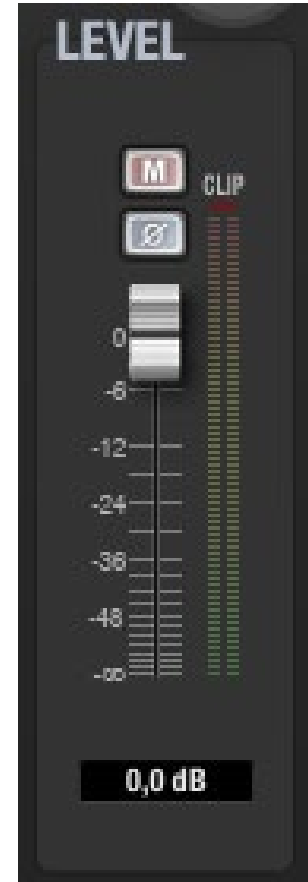
Parameters

MUTE: -120dB atenuation

Phase: Phase inversion (180°)

Gain: 18dB headroom

Meter: peakmeter pre (L) y post (R) fader/DSP



1. INPUT

- 1.1. Input
- 1.2. Delay
- 1.3. Parametric EQ
- 1.4. Noise Gate
- 1.5. Compressor
- 1.6. Level
- 1.7. Frequency Shifter

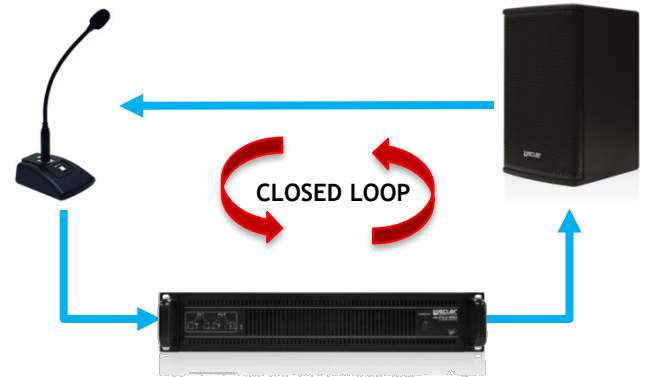


Frequency Shifter

Reduces the possibility of feedback loops.

When active displaces the signal some Hz increasing the system protection against feedback.

Useful for live speech applications.



2. OUTPUT

What's different?

2.1 Crossover

2.2 Limiter

The screenshot displays the MIMO88 audio processor interface. At the top, it shows 'MIMO88', 'PRESET 01 - EMPTY PRES01', and 'FIRMWARE ---'. Below this are sections for 'GENERATOR' (with 'PINK NOISE' signal and a frequency knob), 'CONFIG' (with 'MODE 8x8', 'NET 1 START UP OFF', 'OPERATING TIME ---', and 'LOCAL TIME ---'), and 'NETWORKING' (with 'ETHERNET MAC ---', 'IP ADDRESS 0.0.0.0', 'UDP PORT 2210', 'SUBNET MASK ---', and 'GATEWAY ---').

The main interface is divided into several tabs: 'INPUTS', 'MATRIX', 'OUTPUTS', 'PAGERS/DUCKERS', 'GPIS/GPOs', and 'REMOTES'. The 'OUTPUTS' tab is selected and highlighted with a red box. A red arrow points to the 'CONFIG' section above it.

Under the 'OUTPUTS' tab, there is a list of outputs: 'OUT 1 : OUTPUT 1', 'OUT 2 : OUTPUT 2', 'OUT 3 : OUTPUT 3', 'OUT 4 : OUTPUT 4', 'OUT 5 : OUTPUT 5', 'OUT 6 : OUTPUT 6', 'OUT 7 : OUTPUT 7', and 'OUT 8 : OUTPUT 8'. To the right of this list is a 'LEVEL' section with a 'CLIP' indicator and a 'GAIN' knob set to '0,0 dB'. Below the level section is a 'MODE' dropdown set to 'MO...'. A red box highlights the 'CROSSOVER' section, which contains 'LOW-PASS' and 'HIGH-PASS' filters, both set to 'Bypass' type, with frequency knobs set to 600 Hz.

Below the crossover section is a 'PARAMETRIC EQ' section with a 'TYPE' dropdown and frequency, gain, and Q knobs. To the right of the crossover section is a 'DELAY' section with a 'DELAY' knob set to '0,00 ms'. A red box highlights the 'LIMITER' section, which includes a 'LIMITER' knob set to '0', a 'THRESHOLD' knob set to '-18', and 'ATTACK' and 'RELEASE' knobs.

2. OUTPUT

What's different?

2.1 Crossover

2.2 Limiter

MIMO4040DN

PRESET 01 - EMPTY PRESET 01

PHONES MTX_OUT1 : AOUT1

Device Inputs Matrix **Outputs** Pagers/Duckers GPIs/GPOs Remotes

MTX_OUT1 : AOUT1
MTX_OUT2 : AOUT2
MTX_OUT3 : AOUT3
MTX_OUT4 : AOUT4
MTX_OUT5 : AOUT5
MTX_OUT6 : AOUT6
MTX_OUT7 : AOUT7
MTX_OUT8 : AOUT8
MTX_OUT9 : DOUT1
MTX_OUT10 : DOUT2
MTX_OUT11 : DOUT3
MTX_OUT12 : DOUT4
MTX_OUT13 : DOUT5
MTX_OUT14 : DOUT6
MTX_OUT15 : DOUT7
MTX_OUT16 : DOUT8
MTX_OUT17 : DOUT9
MTX_OUT18 : DOUT10
MTX_OUT19 : DOUT11
MTX_OUT20 : DOUT12
MTX_OUT21 : DOUT13
MTX_OUT22 : DOUT14
MTX_OUT23 : DOUT15

Output Port
AOUT1 : AOUT1

OUTPUT

M S Stereo

P

Gain 0,0 dB

Delay 0,00 ms

LIMITER

Threshold 0,0 dB

Attack 10 ms

Release 300 ms

PARAMETRIC EQ

1 2 3 4
5 6 7 8

Type Bypass

Frequency

Gain

Q

XOVER

LOW PASS Frequency

Type Bypass

HIGH PASS Frequency

Type Bypass

Crossover

CROSSOVER

LOW-PASS

TYPE
Butterworth 24dB/oct

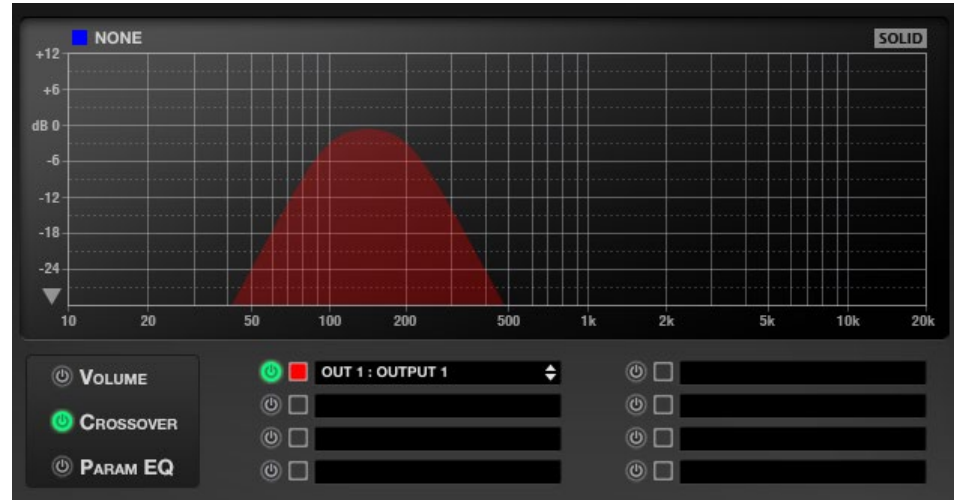
2k
600 150 20 10k 20k
FREQUENCY
200 Hz

HIGH-PASS

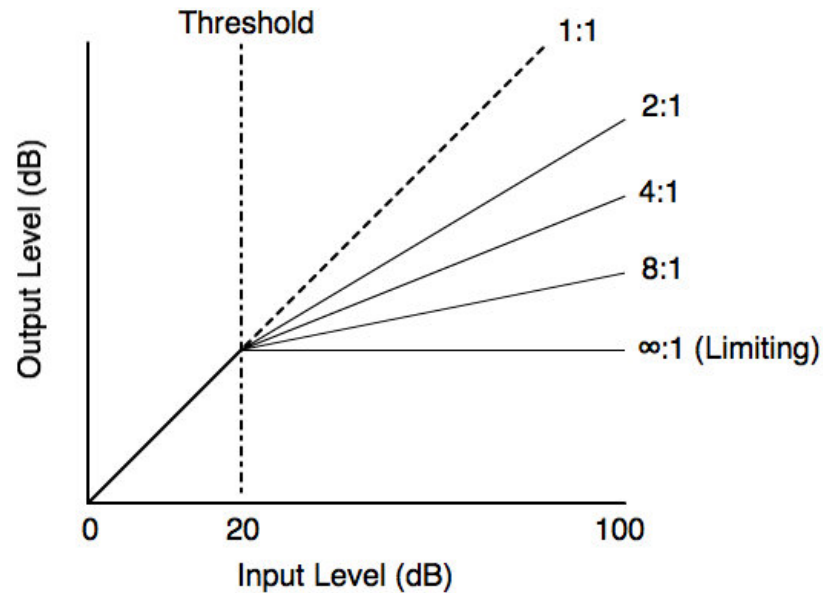
TYPE
Butterworth 24dB/oct

- ✓ Bypass
- Butterworth 6dB/oct
- Butterworth 12dB/oct
- Butterworth 18dB/oct
- Butterworth 24dB/oct
- Bessel 12dB/oct
- Bessel 18dB/oct
- Bessel 24dB/oct
- Linkwitz-Riley 12dB/oct
- Linkwitz-Riley 24dB/oct

Parameters
Filter type
Frequency

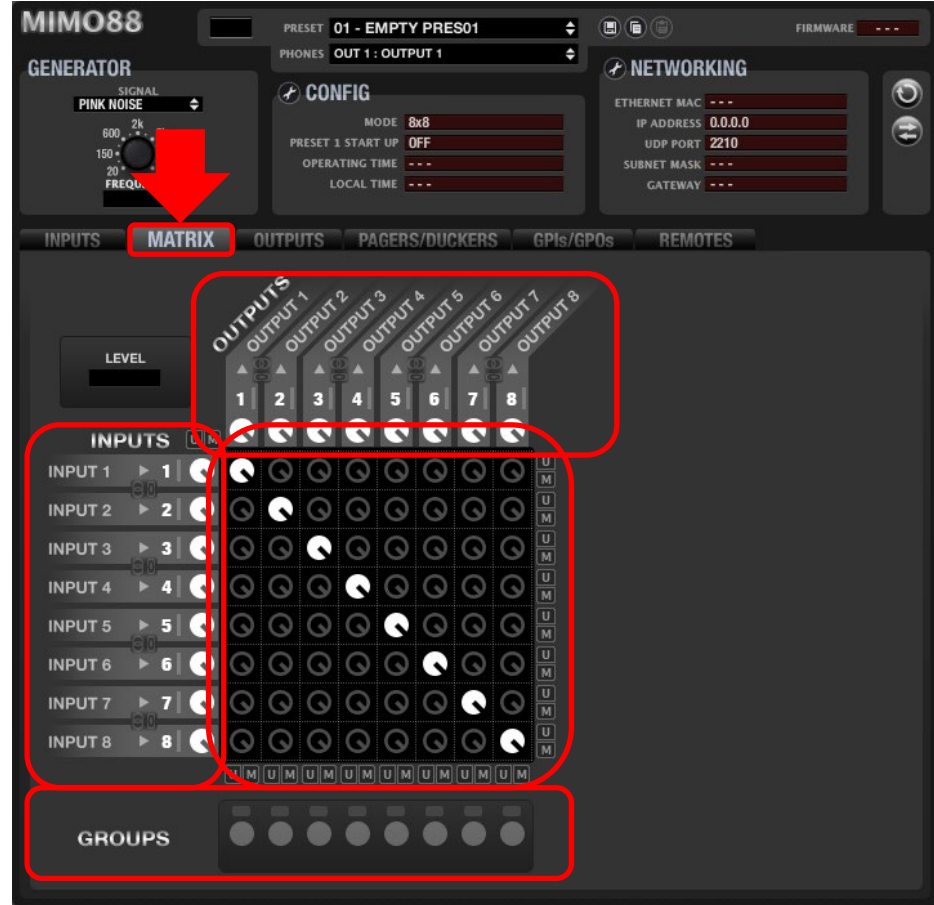


Limiter



3. MATRIX

- 3.1. Inputs and Outputs
- 3.2. Cross-points
- 3.3. Groups

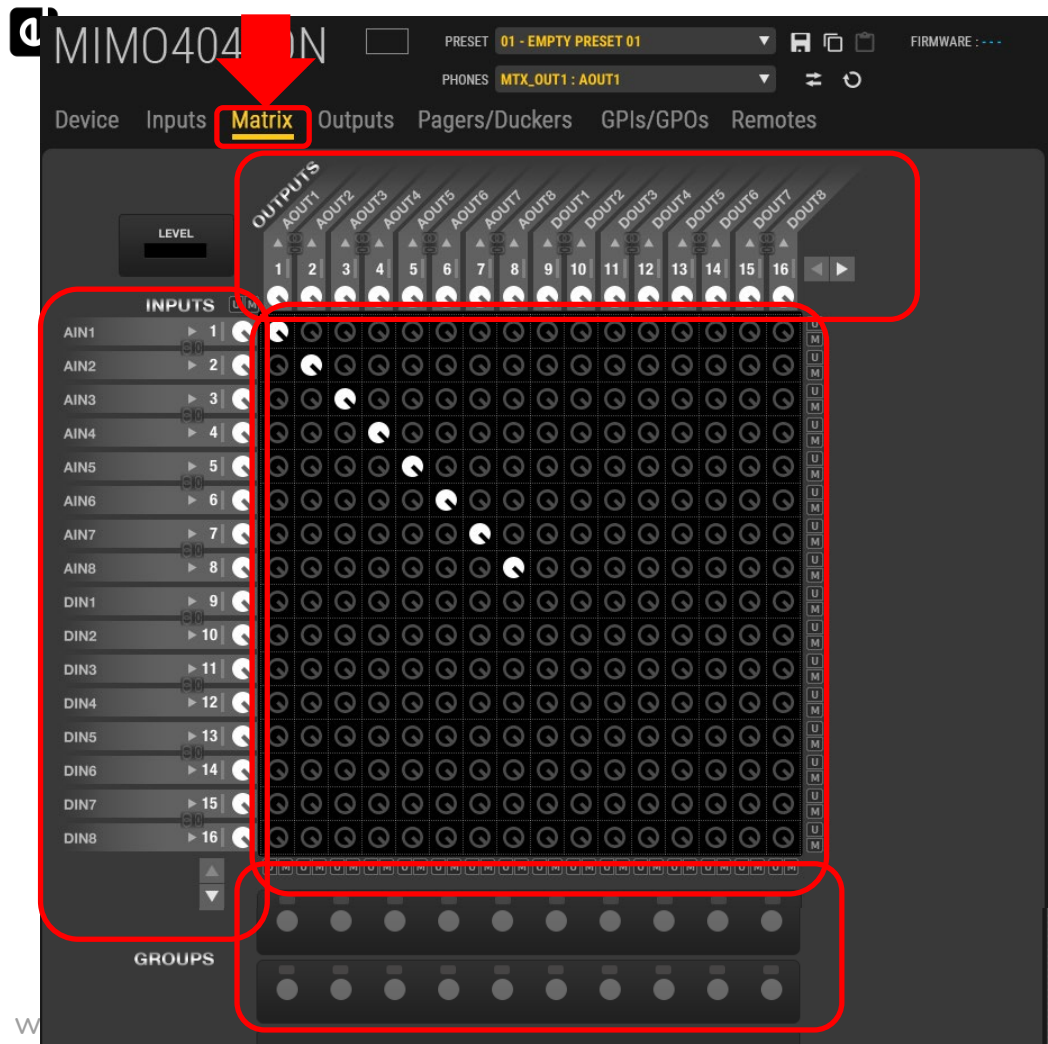


3. MATRIX

3.1. Inputs and Outputs

3.2. Cross-points

3.3. Groups



3. MATRIX

OUTPUTS

LEVEL
0,0 dB

OUTPUTS
OUTPUT 1
OUTPUT 2
OUTPUT 3
OUTPUT 4
OUTPUT 5
OUTPUT 6
OUTPUT 7
OUTPUT 8

INPUTS U M
INPUT 1 1
INPUT 2 2
INPUT 3 3
INPUT 4 4
INPUT 5 5
INPUT 6 6
INPUT 7 7
INPUT 8 8

CROSSPOINT MUTED

CROSSPOINT UNMUTED

CROSSPOINT SELECTED

U M U M U M U M U M U M U M U M U M U M U M U M U M U M U M U M U M

Groups

Groups: Tool to group and synchronize matrix controls

Parallel Output Group: columns belonging to one of these groups behave exactly the same for the routing of the input signals they receive (mute, level, Xpoint)

Perfect for **combined rooms**,
or **subwoofers**.



EclerNet Manager: Events & Presets



Explorer

Design

Deploy

Users

Settings

Lock

Panic



Project Explorer...

Devices (1 groups)

All (2)

E MIMO88

EXAMP...

Channels (1 groups)

User Contro... (0 Panels)

Device : EXAMPLE MIMO88

MIMO88

GENERATOR

SIGNAL
PINK NOISE

600 2k 5k
150 20 10k 20k
FREQUENCY

INPUTS

MATRIX

OUTPUTS

- OUT 1 : COFFEE
- OUT 2 : HALL
- OUT 3 : POOL
- OUT 4 : TERRACE
- OUT 5 : DOOR CLOSED

LEVEL

[S]

[M]

[?]

PRESET 01 - INITIAL

PHONES

PRESE

OP

OP

OP

OP

OP

OP

OP

OP

OP

OP

OP

OP

OP

OP

OP

OP

OP

OP

OP

OP

OP

OP

FIRMWARE

01 - INITIAL

02 - TERRACE OPEN

03 - TERRACE CLOSED

04 - EMPTY PRES04

05 - EMPTY PRES05

06 - EMPTY PRES06

07 - EMPTY PRES07

08 - EMPTY PRES08

09 - EMPTY PRES09

10 - EMPTY PRES10

11 - EMPTY PRES11

12 - EMPTY PRES12

13 - EMPTY PRES13

14 - EMPTY PRES14

15 - EMPTY PRES15

16 - EMPTY PRES16

17 - EMPTY PRES17

18 - EMPTY PRES18

19 - EMPTY PRES19

20 - EMPTY PRES20

21 - EMPTY PRES21

22 - EMPTY PRES22

23 - EMPTY PRES23

24 - EMPTY PRES24

25 - EMPTY PRES25

26 - EMPTY PRES26

27 - EMPTY PRES27

28 - EMPTY PRES28

NETWORKING

ETHERNET MAC ---

IP ADDRESS 0.0.0.0

UDP PORT 2210

SUBNET MASK ---

GATEWAY ---

IPOs

REMOTES

HIGH-PASS

TYPE

bypass

DELAY

0,00 ms

TERRACE OPEN", Push

TERRACE CLOSED", Push

"OUT 1", Toggle

"OUT 1", Toggle

Raw OUT Value

Online and ...

PA... PAGENETDN

192...



Explorer

Design

Deploy

Users

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Project Explorer (192.1...)

- Devices (1 groups)
 - All (2)
 - EXAMPL... MIMO88
 - EX... MIMO4040DN
- Channels (1 groups)
- User Control Panels (0 Panels)

Device : EXAMPLE MIMO4040DN

MIMO4040DN

PRESET 01 - INITIAL

PHONES

Device Inputs Matrix Outputs Pagers

MTX_OUT1 : COFFEE
 MTX_OUT2 : HALL
 MTX_OUT3 : POOL
 MTX_OUT4 : TERRACE
 MTX_OUT5 : ROOM1

Output Port
 AOUT1 : AOUT1

M S

Events

#	Event Name	Type	Source
1	DOOR OPEN	Digital (Simple)	GPI1, Direct
2	DOOR CLOSED	Digital (Simple)	GPI1, Reverse
3	COFFEE ON	Time Scheduler	12/11/2020 - 12:00
4	COFFEE OFF	Time Scheduler	12/11/2020 - 13:00

- PHONES
- 01 - INITIAL
 - 02 - TERRACE OPEN
 - 03 - TERRACE CLOSED
 - 04 - EMPTY PRESET 04
 - 05 - EMPTY PRESET 05
 - 06 - EMPTY PRESET 06
 - 07 - EMPTY PRESET 07
 - 08 - EMPTY PRESET 08
 - 09 - EMPTY PRESET 09
 - 10 - EMPTY PRESET 10
 - 11 - EMPTY PRESET 11
 - 12 - EMPTY PRESET 12
 - 13 - EMPTY PRESET 13
 - 14 - EMPTY PRESET 14
 - 15 - EMPTY PRESET 15
 - 16 - EMPTY PRESET 16
 - 17 - EMPTY PRESET 17
 - 18 - EMPTY PRESET 18
 - 19 - EMPTY PRESET 19
 - 20 - EMPTY PRESET 20
 - 21 - EMPTY PRESET 21
 - 22 - EMPTY PRESET 22
 - 23 - EMPTY PRESET 23
 - 24 - EMPTY PRESET 24
 - 25 - EMPTY PRESET 25

FIRMWARE : ...

tes

Type

Online and Unuse... +

PAGENET
 192.168.0.20... PAGENETDN

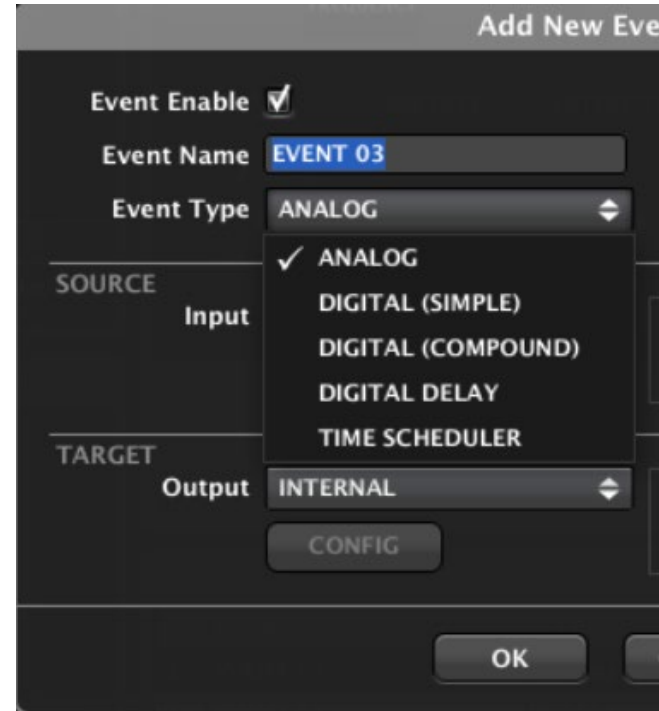
D
 C
 U
 P

Events

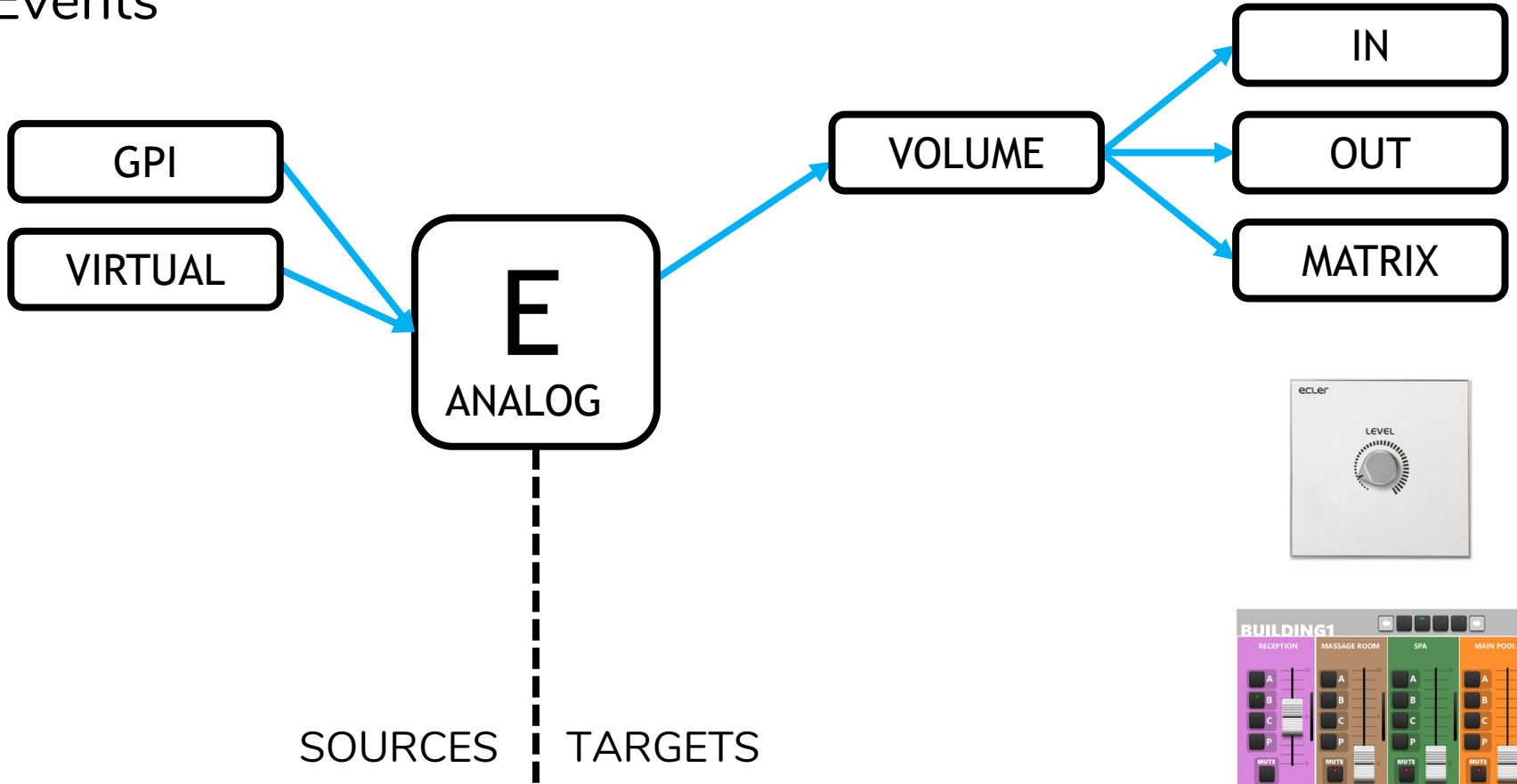
Small program routine that is activated when some condition (Source or trigger) is accomplished

Types: Analog, Digital, Time Scheduler...

Target or Actions: Modify volume, set mute, load a preset, enable or disable a GPO, etc.

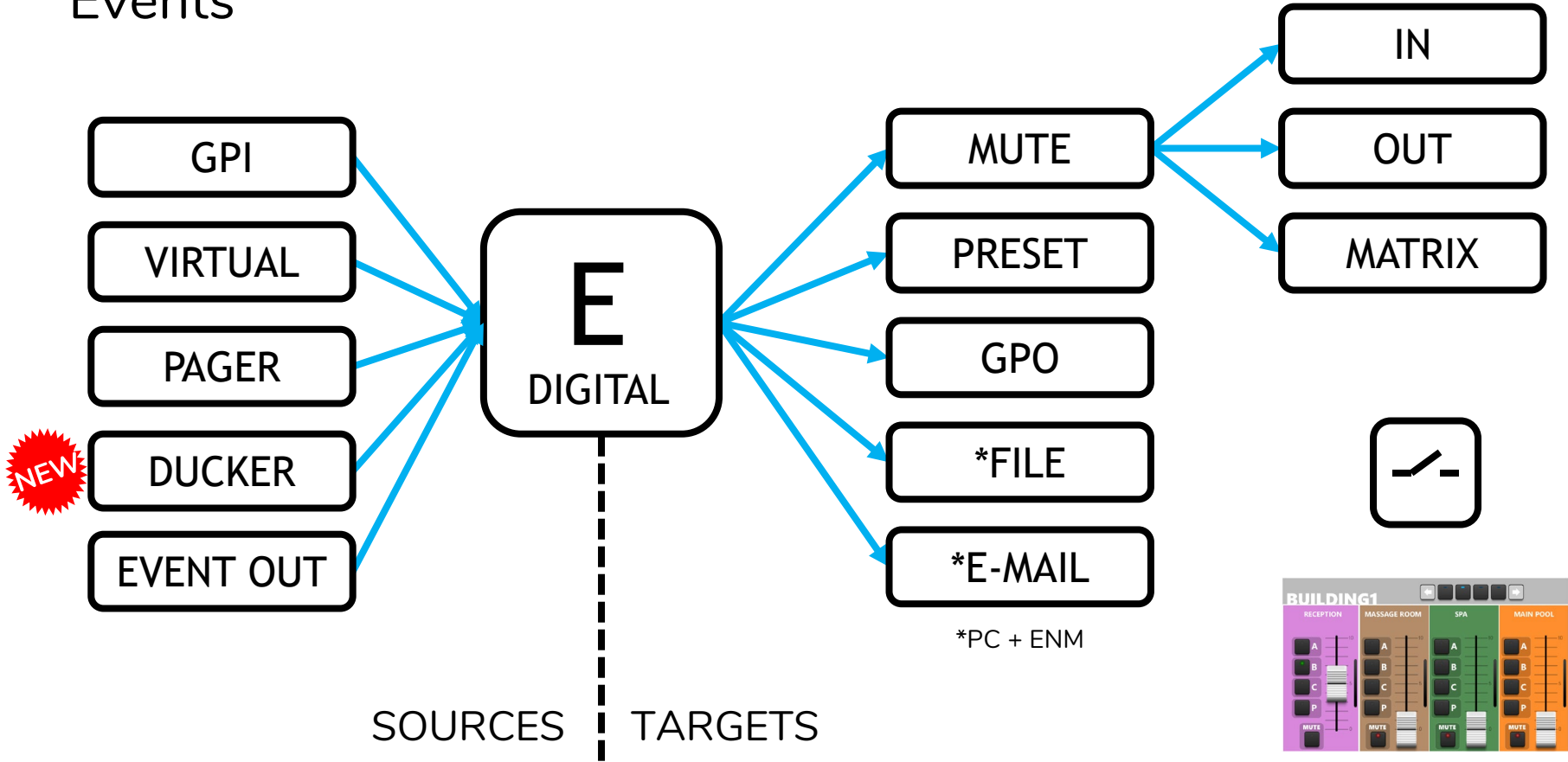


Events

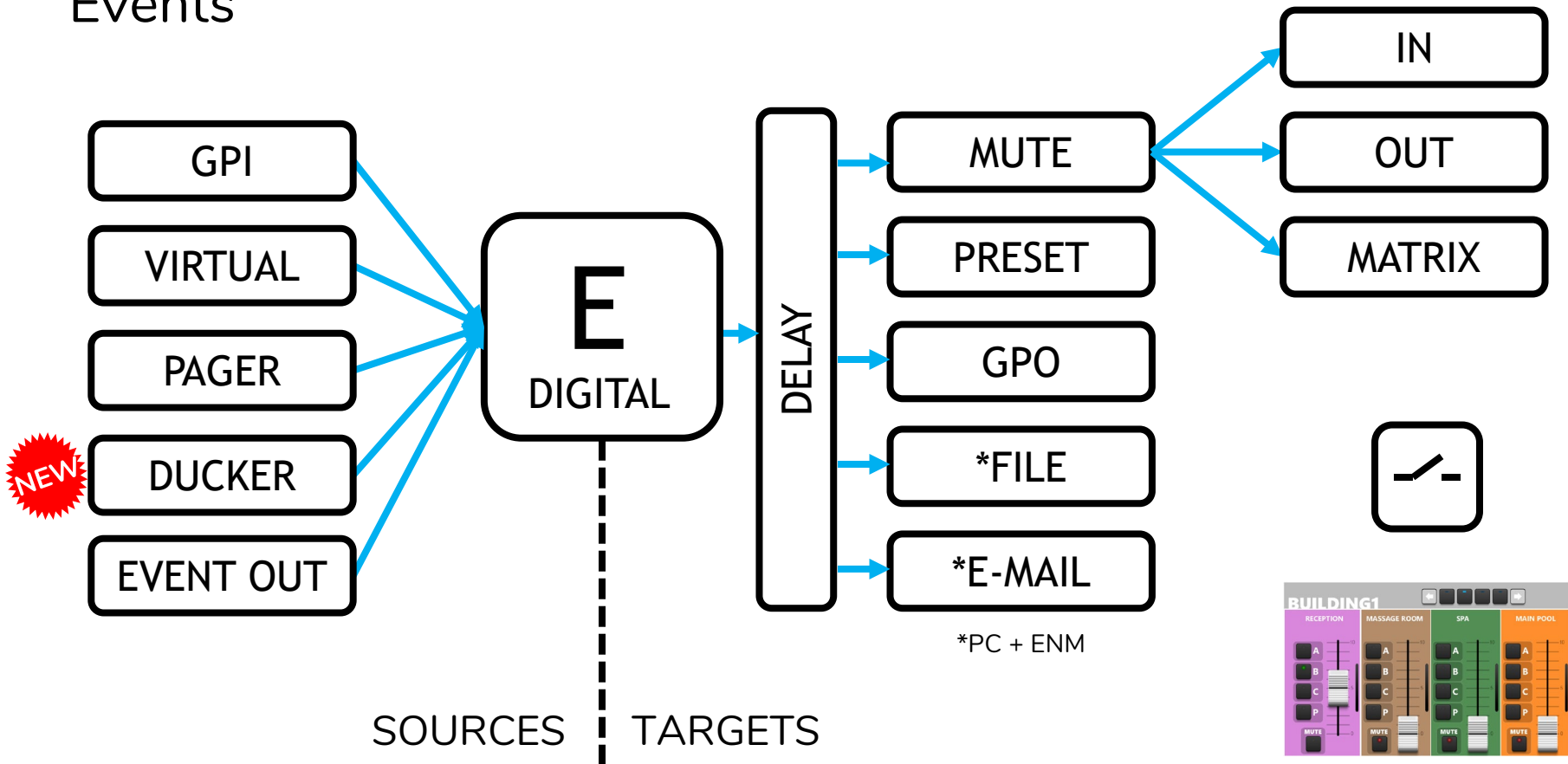


SOURCES | TARGETS

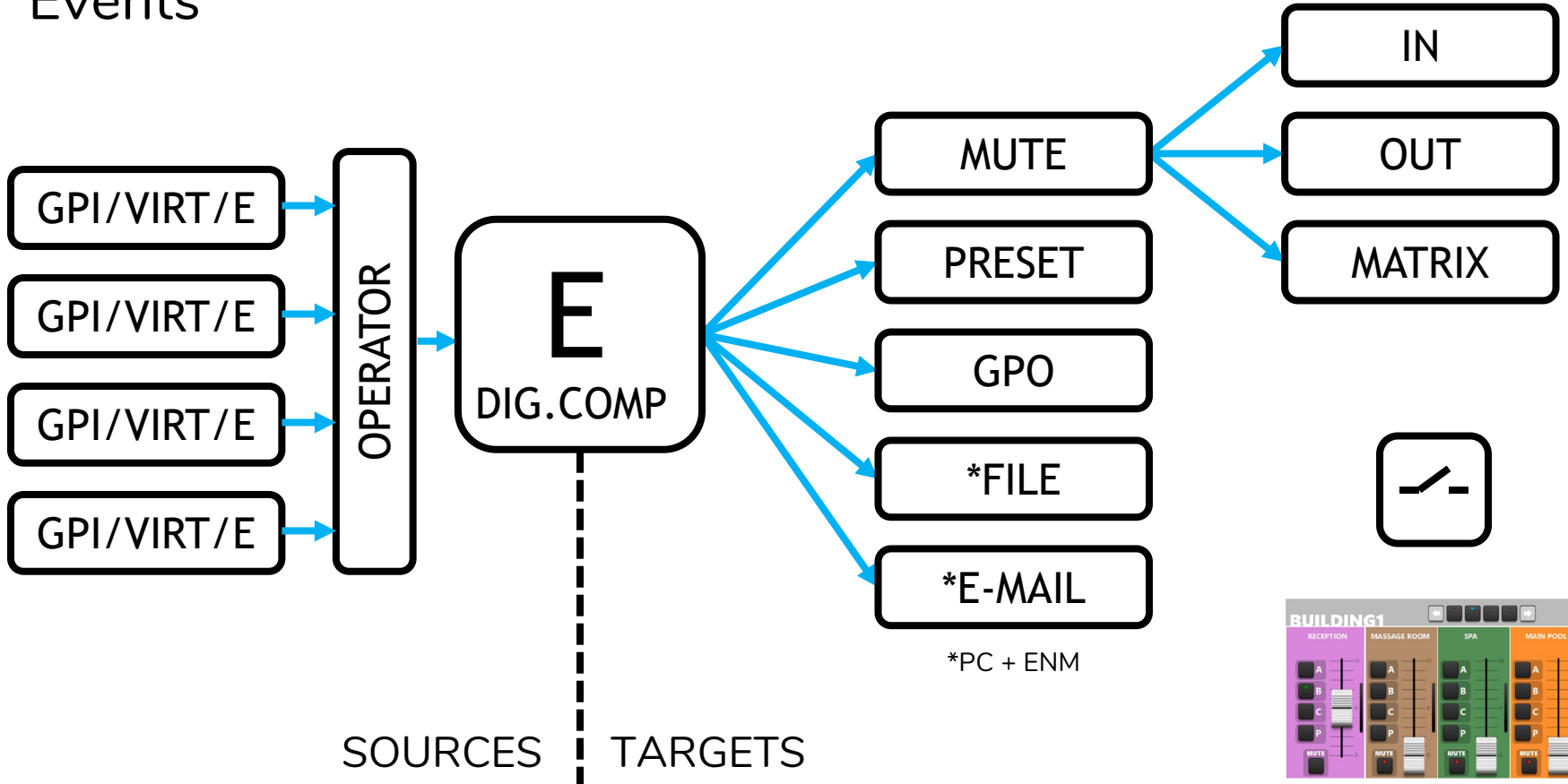
Events



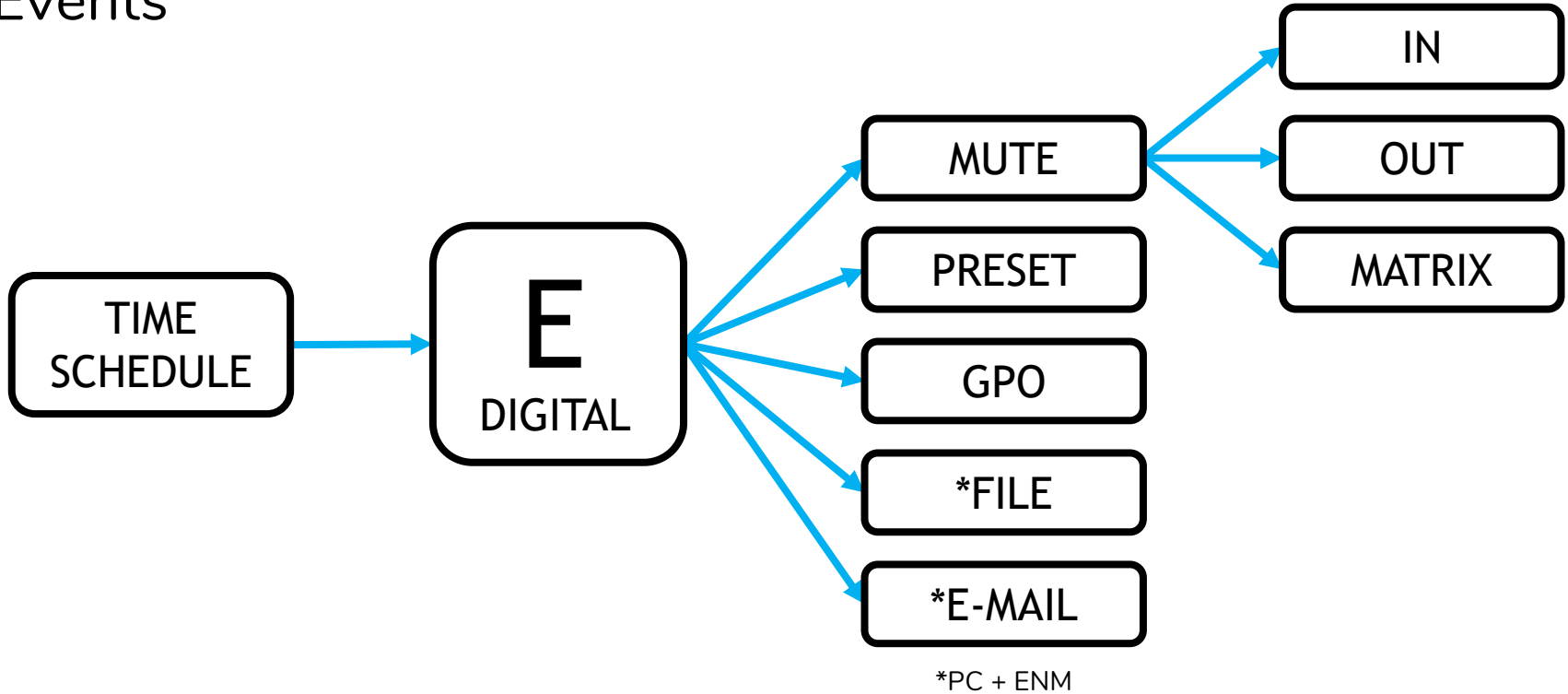
Events



Events



Events

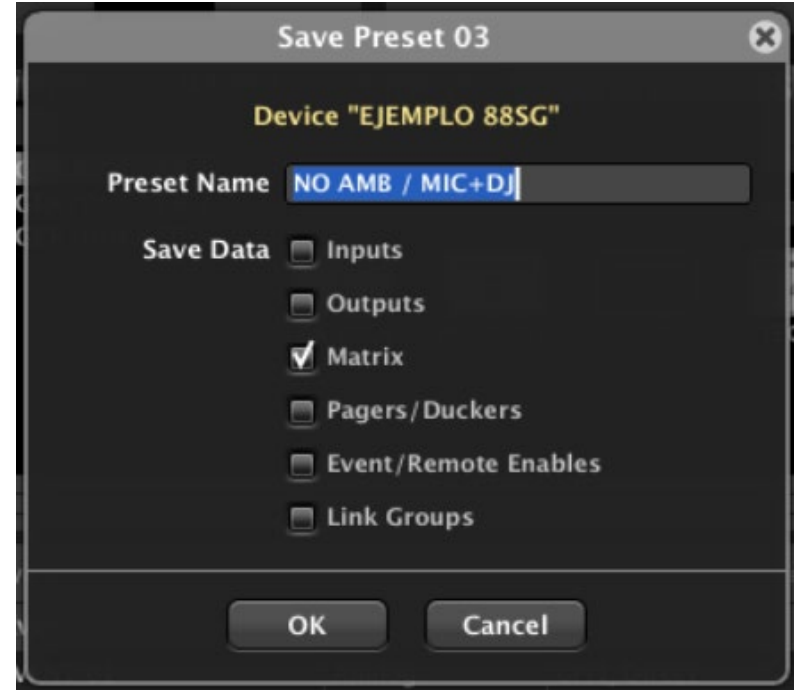


Presets

Snapshot of the device settings at the time of saving.

Global or partial settings: I/O, Matrix, pagers, events/remotes, groups...

Combining Events + Partial Presets
open a lot of possibilities.



Presets + Events – Modular walls

Preset 1 – Separated



Preset 2 – Together

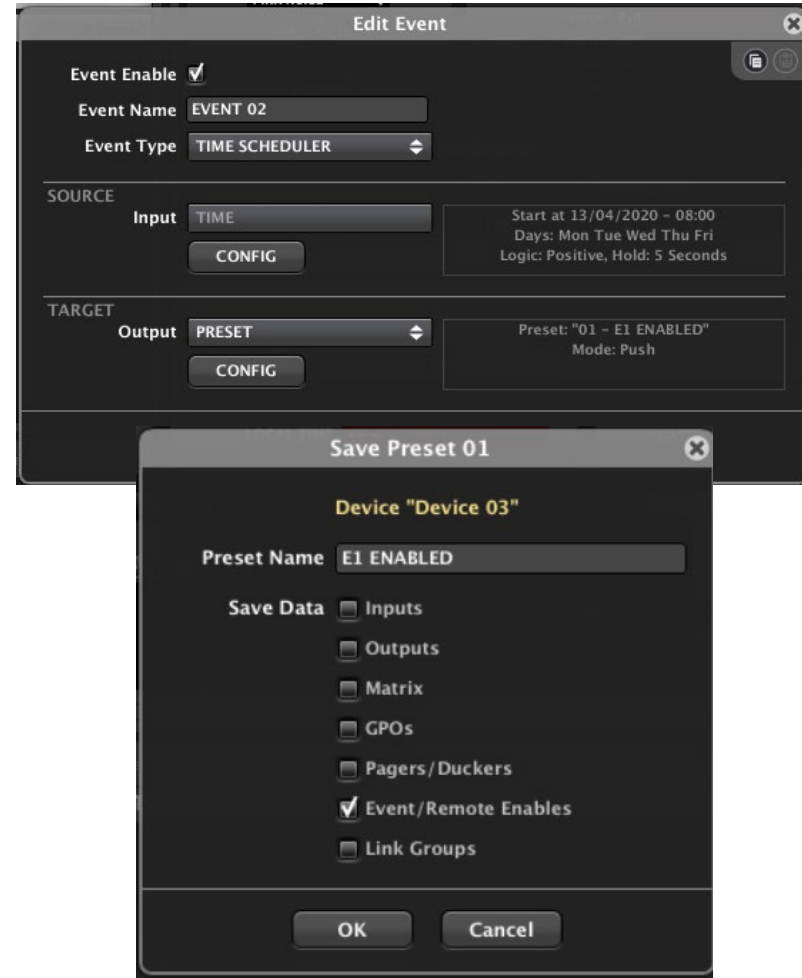


A contact activated when the folding wall is open (joining two independent rooms) recalls a preset where the matrix works as one single room using parallel output group.

Presets + Events

Between 8h and 20h we want to listen to a message when a person walks through a passway.

GPI1 🌞 → E1 DIG → LAUNCH FILE (MSG)
 8H 🕒 → E2 TS → PRESET1 (E1 ENABLED)
 20H 🕒 → E3 TS → PRESET2 (E1 DISABLED)





Explorer

Design

Deploy

Users

Settings

Lock

Panic



Project Explorer (192.168.0.18 - Local)

Devices (1 groups)



All

Channels

User Control Panels

Rename...

Edit Comments...

Delete

Add Device...

Add Multiple Device...

Add Device Group...

Empty

Move Up

Move Down

Connect All

Activate Device Find...

Deactivate Device Find...

Groups from Device Container

All

POWER

OFF

ON

Add New Device

Device Type MIMO88

Device Name MUSEUM

OK

Cancel



Explorer

Design

Deploy

Users

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Panic



Project Explorer (192.168.0.18 - Local)

- Devices (1 groups)
 - All (1)
 - MUSEUM MIMO88
- Channels (1 groups)
- User Control Panels (0 Panels)

Groups from Device Container

All POWER OFF ON

Members from Device Group : All

MIMO88 MUSEUM POWER ON PRESET 01 - EMPTY PRES01

Online and Unused Device List

D	C	U	P



Project Explorer (192.168.0.18 - Local)

- Devices (1 groups)
 - All (1)
 - MUSEUM MIMO88
- Channels (1 groups)
- User Control Panels (0 Panels)

Online and Unused Device List

D
C
U
P

Device : MUSEUM

MIMO88

PRESET: 01 - EMPTY PRES01
PHONES: OUT 1 : OUTPUT 1
FIRMWARE: []

GENERATOR

SIGNAL: PINK NOISE
FREQUENCY: 600 2k 5k 10k 20k 150

CONFIG

MODE: 8x8
PRESET 1 START UP: OFF
OPERATING TIME: ---
LOCAL TIME: ---

NETWORKING

ETHERNET MAC: ---
IP ADDRESS: 0.0.0.0
UDP PORT: 2210
SUBNET MASK: ---
GATEWAY: ---

Events

INPUTS

- IN 1 : INPUT 1
- IN 2 : INPUT 2
- IN 3 : INPUT 3
- IN 4 : INPUT 4
- IN 5 : INPUT 5
- IN 6 : INPUT 6
- IN 7 : INPUT 7
- IN 8 : INPUT 8

INPUT

SELECT: IN 1
MODE: MONO
GAIN: 0 dB
PHANTOM: []

DELAY

0,00 ms

PARAMETRIC EQ

1 2 3 4

GATE

THRESHOLD: -47 -16
DEPTH: MIN MAX
ATTACK: MIN MAX
HOLD: MIN MAX

COMPRESSOR

THRESHOLD: -18 0
RATIO: 1:1
ATTACK: MIN MAX
RELEASE: MIN MAX

LEVEL

CLIP
0,0 dB



Explorer

Design

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Lock

Panic



Add New Event

Event Enable Event Name Event Type

SOURCE

Input

CONFIG

GPI: GPI1
Polarity: Direct

TARGET

Output

CONFIG

OK

Cancel

OK

Cancel



Explorer

Design

Deploy

Project Explorer (192.168.0.18 - Local)

▼ Devices	(1 groups)
▼ All	(1)
▶ MUSEUM	MIMO88
▶ Channels	(1 groups)
User Control Panels	(0 Panels)

Online and Unused Device List

D
C
U
P

Save Preset 01

Device "MUSEUM"

Preset Name

- Save Data
- Inputs
 - Outputs
 - Matrix
 - GPOs
 - Pagers/Duckers
 - Event/Remote Enables
 - Link Groups

OK

Cancel

Panic



FIRMWARE ...

NETWORKING

NET MAC ...

ADDRESS 0.0.0.0

IP PORT 2210

T MASK ...

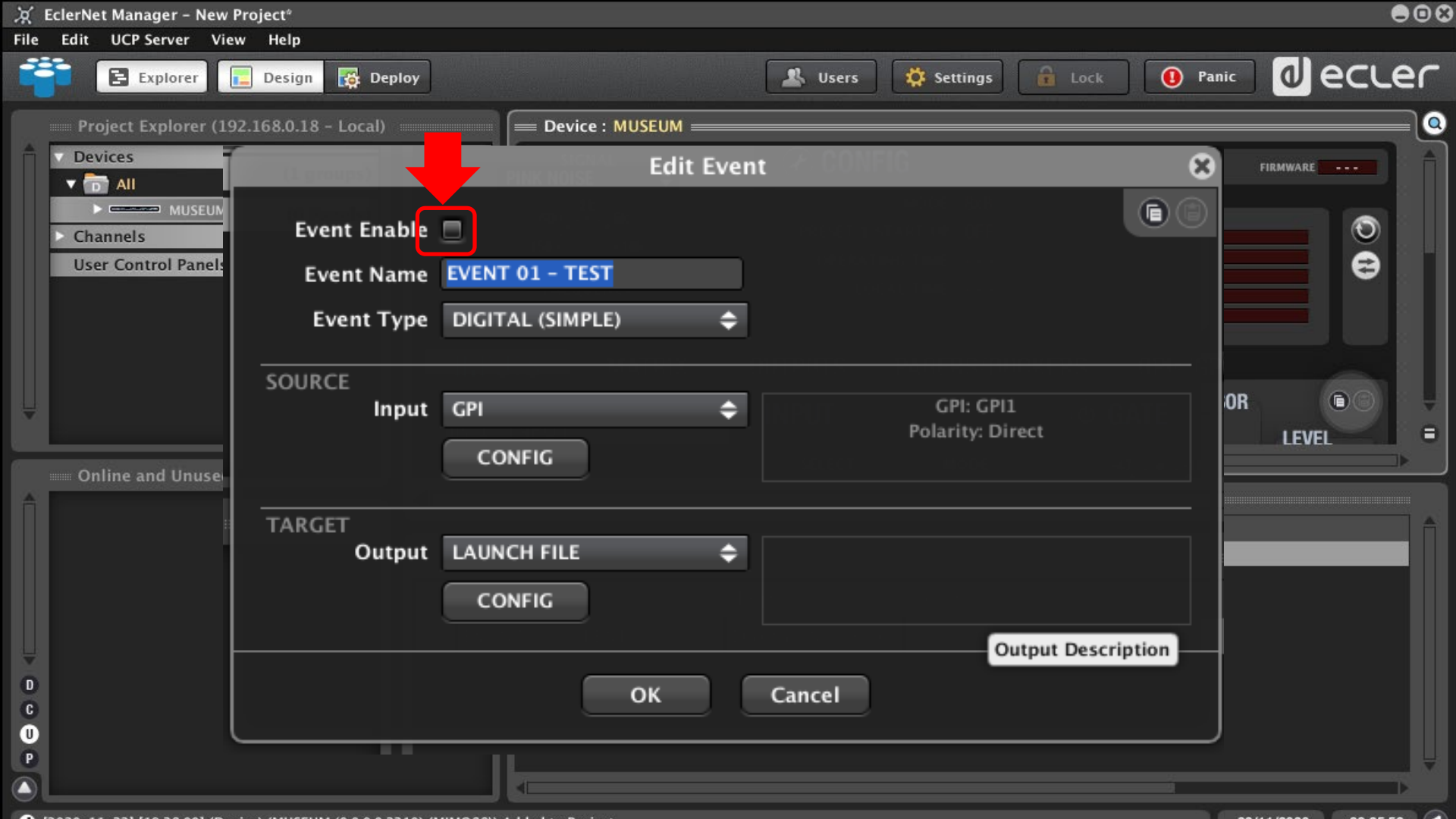
ATEWAY ...

REMOTES

COMPRESSOR

-18 . . . 0 LEVEL

get
ch File



Project Explorer (192.168.0.18 - Local)

Device : MUSEUM

Edit Event

Event Enable

Event Name

Event Type

SOURCE

Input

CONFIG

GPI: GPI1
Polarity: Direct

TARGET

Output

CONFIG

Output Description

OK

Cancel



Explorer

Design

Deploy

Save Preset 02



Panic



Project Explorer (192.168.0.18 - Local)

▼ Devices	(1 groups)
▼ All	(1)
▶ MUSEUM	MIMO88
▶ Channels	(1 groups)
User Control Panels	(0 Panels)

Device "MUSEUM"

Preset Name

- Save Data
- Inputs
 - Outputs
 - Matrix
 - GPOs
 - Pagers / Duckers
 - Event/Remote Enables
 - Link Groups

OK

Cancel

NETWORKING

FIRMWARE ---

ETHERNET MAC ---

IP ADDRESS 0.0.0.0

UDP PORT 2210

ETHERNET MASK ---

GATEWAY ---

REMOTES

COMPRESSOR

GR -18 . . . 0

LEVEL

Target

Launch File



Explorer

Design

Deploy

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Panic

ecler

Configure Event Input: Time Scheduler

Start Date 16/11/2020

Time 20:00

Logic POSITIVE

Hold 5 SECONDS

 Repeat

Interval 1 DAYS

 Times --- End Date ---

Time ---

Active on:

- Mondays
- Tuesdays
- Wednesdays
- Thursdays
- Fridays
- Saturdays
- Sundays

OK

Cancel



Explorer

Design

Deploy

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Project Explorer (1)

- Devices
 - All
 - MUSEUM
- Channels
- User Control Panels

Online and Unuse

D
C
U
P

Add New Event

Event Enable

Event Name

Event Type

SOURCE

Input

Start at 16/11/2020 - 20:00
Days: Mon Tue Wed Thu Fri
Logic: Positive, Hold: 5 Seconds

TA... TIME SCHEDULER

Configure Event Output: Preset

Preset

FIRMWARE ...

OR

LEVEL



Explorer

Design

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Users

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Panic



Add New Event

Event Enable Event Name Event Type

SOURCE

Input

CONFIG

Start at 16/11/2020 - 20:00
Days: Mon Tue Wed Thu Fri Sat
Logic: Positive, Hold: 5 Seconds

TARGET

Output

CONFIG

Preset: "02 - EVENT1 DISABLED"
Mode: Push

OK

Cancel



Explorer

Design

Deploy

Users

Settings

Lock

Panic



Project Explorer (192.168.0.18 - Local)

- ▼ Devices (1 groups)
 - ▼ D All (1)
 - ▶ MUSEUM MIMO88
- ▶ Channels (1 groups)
- User Control Panels (0 Panels)

Device : MUSEUM

MIMO88

PRESET 02 - EVENT1 DISABLED

FIRMWARE ...

GENERATOR



PHONES OUT 1 : OUTPUT 1

CONFIG

MODE 8x8

PRESET 1 START UP OFF

OPERATING TIME ---

LOCAL TIME ---

NETWORKING

ETHERNET MAC ---

IP ADDRESS 0.0.0.0

UDP PORT 2210

SUBNET MASK ---

GATEWAY ---

INPUTS

MATRIX

OUTPUTS

PAGERS/DUCKERS

GPIS/GPOs

REMOTES

IN 1 : INPUT 1

IN 2 : INPUT 2

INPUT

SELECT MODE

GATE

-47 . . . -16

COMPRESSOR

GR -18 . . . 0

LEVEL

Online and Unused Device List

Events

#	Event Name	Type	Source	Target
1	EVENT 01 - TEST	Digital (Simple)	GPI1, Direct	Launch File
2	EVENT 02	Time Scheduler	16/11/2020 - 20:00	Preset "02 - EVENT1 DISABLED", Push



Explorer

Design

Deploy

Users

Settings

Lock

Panic



Project Explorer (192.168.0.18 - Local)

- ▼ Devices (1 groups)
 - ▼ All (1)
 - ▶ MUSEUM MIMO88
- ▶ Channels (1 groups)
 - User Control Panels (0 Panels)

Device : MUSEUM

MIMO88

PRESET 01 - EVENT1 ENABLED

FIRMWARE ...

GENERATOR



CONFIG

MODE 8x8

PRESET 1 START UP OFF

OPERATING TIME ---

LOCAL TIME ---

NETWORKING

ETHERNET MAC ---

IP ADDRESS 0.0.0.0

UDP PORT 2210

SUBNET MASK ---

GATEWAY ---

INPUTS

MATRIX

OUTPUTS

PAGERS/DUCKERS

GPIS/GPOs

REMOTES

IN 1 : INPUT 1

IN 2 : INPUT 2

INPUT

SELECT MODE

GATE

-47 . . . -16

COMPRESSOR

GR -18 . . . 0

LEVEL

Online and Unused Device List

Events

#	Event Name	Type	Source	Target
1	EVENT 01 - TEST	Digital (Simple)	GPI1, Direct	Launch File
2	EVENT 02	Time Scheduler	16/11/2020 - 20:00	Preset "02 - EVENT1 DISABLED", Push
3	EVENT 03	Time Scheduler	16/11/2020 - 08:00	Preset "01 - EVENT1 ENABLED", Push

EclerNet Manager: Pagers & Duckers (eMPAGE/UCP)

4. PAGERS/DUCKERS

This section lets you configure application modules based on the attenuation (or muting) of an audio signal by another signal, allowing the diffusion of messages or other audio content with priority over other signals.

MIMO88 → 4 P/D modules

MIMO SG → 3 P/D modules

MIMO4040DN → 25 P/D modules



The screenshot displays the MIMO88 configuration interface. At the top, the 'GENERATOR' section shows 'PINK NOISE' and 'FREQUENCY' controls. The 'CONFIG' section includes 'MODE 16x16', 'PRESET 1 START UP', 'OPERATING TIME', and 'LOCAL TIME'. A red arrow points to the 'PAGERS/DUCKERS' tab, which is highlighted with a red box. The 'PAGERS/DUCKERS' section is divided into a list of modules (PAGER/DUCKER 1-4) and a detailed configuration area. The configuration area includes a 'DUCKER' dropdown, 'INPUT IN 8', 'PRIORITY 2', and 'CHIME' settings. Below these are 16 numbered buttons (1-16) corresponding to outputs: AUD103 L, AUD103 R, AUD106 L, AUD106 R, AUD108 L, AUD108 R, SUB_110P, TOUCH ZO..., WPa_ZONE, OUTPUT 10, OUTPUT 11, OUTPUT 12, OUTPUT 13, OUTPUT 14, OUTPUT 15, and OUTPUT 16. At the bottom, there are five knobs for 'THRESHOLD' (-12.0 dB), 'DEPTH' (20.0 dB), 'ATTACK' (19 ms), 'HOLD' (1.058 ms), and 'RELEASE' (1.500 ms). A 'DUCK' button is also present. At the very bottom, there are two rows of buttons labeled 'F1' and 'F2' with checkboxes for each of the 16 outputs.

4. PAGERS/DUCKERS

This section lets you configure application modules based on the attenuation (or muting) of an audio signal by another signal, allowing the diffusion of messages or other audio content with priority over other signals.

MIMO88 → 4 P/D modules

MIMO SG → 3 P/D modules

MIMO4040DN → 25 P/D modules



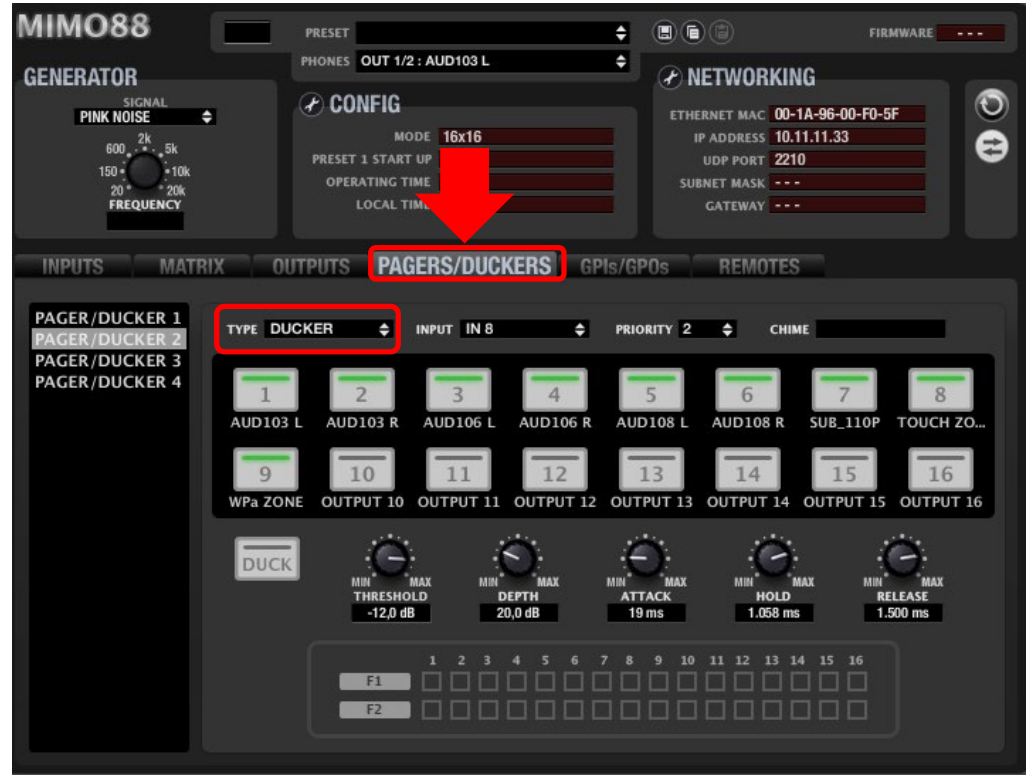
The screenshot displays the configuration interface for the MIMO4040DN device. The top navigation bar includes 'Device', 'Inputs', 'Matrix', 'Outputs', 'Pagers/Duckers' (highlighted with a red box and a red arrow), 'GPIs/GPOs', and 'Remotes'. The 'Pagers/Duckers' section is currently selected, showing a list of 25 modules on the left, with 'PAGER/DUCKER 01' highlighted. The main configuration area for 'PAGER/DUCKER 01' shows the following settings:

- Type: PAGER
- Priority: 01
- Input: MTX_IN1 : AIN1
- Chime: MELODY 1

Below the settings is a grid of 40 zones, labeled 'ZONES' on the left. The zones are arranged in a 5x8 grid and numbered 1 to 40. The first row contains AOUT1 through AOUT8, and the subsequent rows contain DOUT1 through DOUT32. At the bottom of the interface, there are controls for Chime Vol. (-12,0 dB), Depth (20,0 dB), Attack (50 ms), Hold, and Release (1.500 ms).

4. PAGERS/DUCKERS

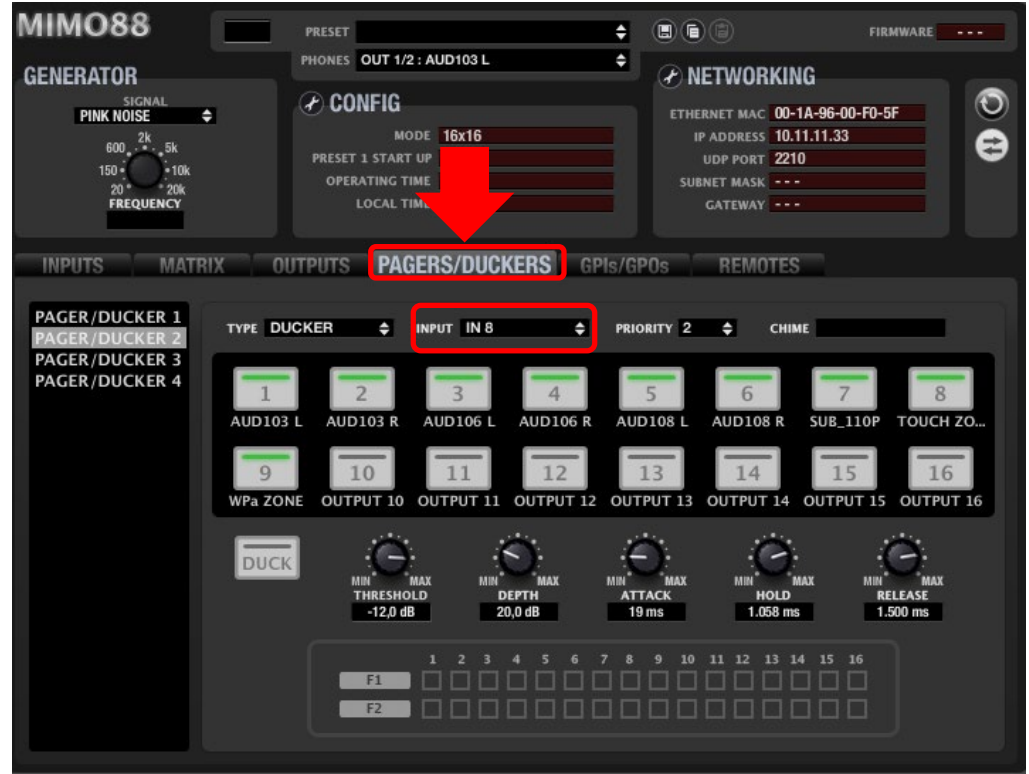
4.1 Type



4. PAGERS/DUCKERS

4.1 Type

4.2 Input



MIMO88 PRESET: [dropdown] PHONES: OUT 1/2 : AUD103 L FIRMWARE: ...

GENERATOR SIGNAL: PINK NOISE [dropdown] FREQUENCY: 600, 2k, 5k, 150, 10k, 20k, 20k

CONFIG MODE: 16x16 PRESET 1 START UP: [dropdown] OPERATING TIME: [dropdown] LOCAL TIME: [dropdown]

NETWORKING ETHERNET MAC: 00-1A-96-00-F0-5F IP ADDRESS: 10.11.11.33 UDP PORT: 2210 SUBNET MASK: --- GATEWAY: ---

TAB: **PAGERS/DUCKERS**

PAGER/DUCKER 1 PAGER/DUCKER 2 PAGER/DUCKER 3 PAGER/DUCKER 4

TYPE: DUCKER [dropdown] INPUT: **IN 8** [dropdown] PRIORITY: 2 [dropdown] CHIME: [dropdown]

1	2	3	4	5	6	7	8
AUD103 L	AUD103 R	AUD106 L	AUD106 R	AUD108 L	AUD108 R	SUB_110P	TOUCH ZO...
9	10	11	12	13	14	15	16
WPa ZONE	OUTPUT 10	OUTPUT 11	OUTPUT 12	OUTPUT 13	OUTPUT 14	OUTPUT 15	OUTPUT 16

DUCK [button]

THRESHOLD: -12,0 dB DEPTH: 20,0 dB ATTACK: 19 ms HOLD: 1,058 ms RELEASE: 1,500 ms

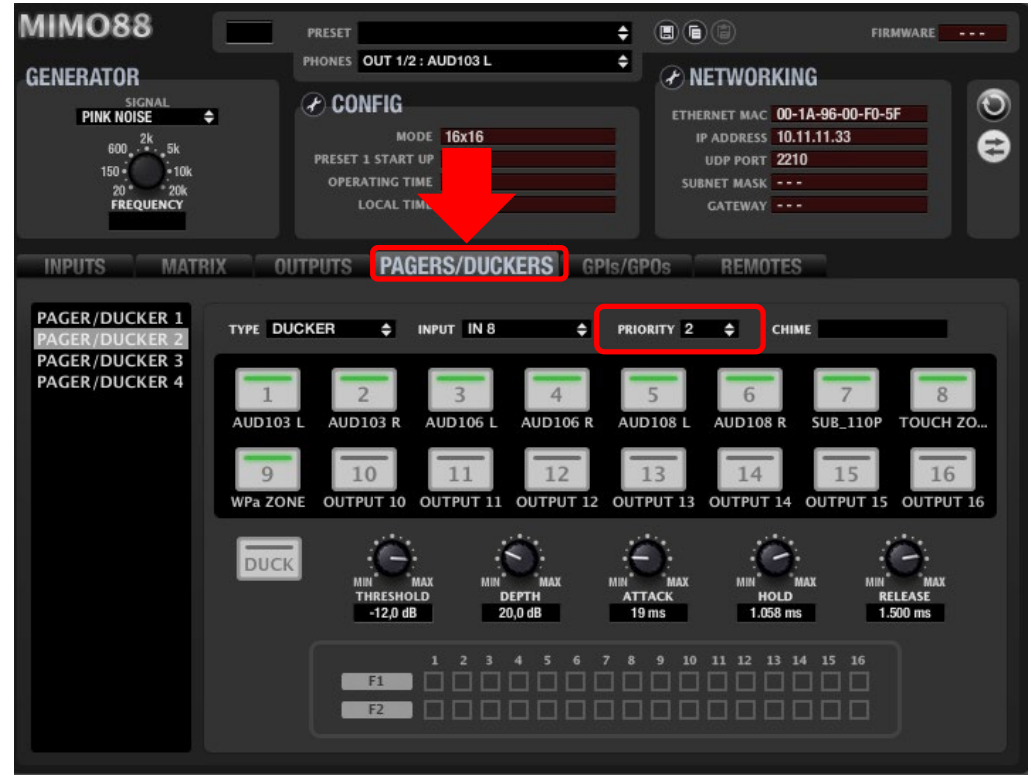
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
F1																
F2																

4. PAGERS/DUCKERS

4.1 Type

4.2 Input

4.3 Priority



The screenshot shows the MIMO88 control interface. The 'PAGER/DUCKERS' tab is selected and highlighted with a red box. A red arrow points to this tab from the 'CONFIG' section above. The interface displays the following configuration for PAGER/DUCKERS:

- PAGER/DUCKER 1**
- PAGER/DUCKER 2**
- PAGER/DUCKER 3**
- PAGER/DUCKER 4**

Configuration parameters for the selected pager/ducker:

- TYPE:** DUCKER
- INPUT:** IN 8
- PRIORITY:** 2 (highlighted with a red box)
- CHIME:** (empty)

Output channels and their status:

Channel	Status
1 (AUD103 L)	Active
2 (AUD103 R)	Active
3 (AUD106 L)	Active
4 (AUD106 R)	Active
5 (AUD108 L)	Active
6 (AUD108 R)	Active
7 (SUB_110P)	Active
8 (TOUCH ZO...)	Active
9 (WPa ZONE)	Inactive
10 (OUTPUT 10)	Inactive
11 (OUTPUT 11)	Inactive
12 (OUTPUT 12)	Inactive
13 (OUTPUT 13)	Inactive
14 (OUTPUT 14)	Inactive
15 (OUTPUT 15)	Inactive
16 (OUTPUT 16)	Inactive

Adjustable parameters:

- DUCK:** (button)
- THRESHOLD:** MIN -12,0 dB, MAX (adjustable)
- DEPTH:** MIN (adjustable), MAX 20,0 dB
- ATTACK:** MIN (adjustable), MAX 19 ms
- HOLD:** MIN (adjustable), MAX 1,058 ms
- RELEASE:** MIN (adjustable), MAX 1,500 ms

Function keys:

- F1:** (grid of 16 buttons)
- F2:** (grid of 16 buttons)

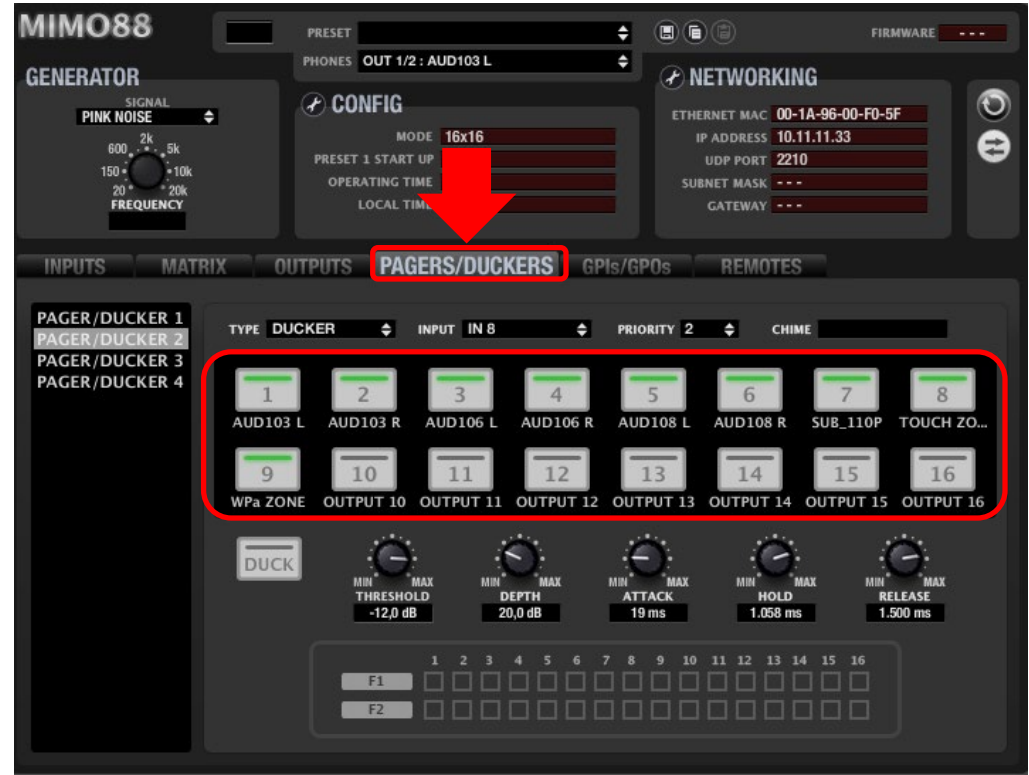
4. PAGERS/DUCKERS

4.1 Type

4.2 Input

4.3 Priority

4.4 Destination Zone Keys



MIMO88 PRESET: [dropdown] PHONES: OUT 1/2 : AUD103 L FIRMWARE: ...

GENERATOR SIGNAL: PINK NOISE [dropdown] FREQUENCY: 600, 2k, 5k, 150, 20k, 20k

CONFIG MODE: 16x16 PRESET 1 START UP: [dropdown] OPERATING TIME: [dropdown] LOCAL TIME: [dropdown]

NETWORKING ETHERNET MAC: 00-1A-96-00-F0-5F IP ADDRESS: 10.11.11.33 UDP PORT: 2210 SUBNET MASK: --- GATEWAY: ---

INPUTS | MATRIX | OUTPUTS | **PAGERS/DUCKERS** | GPis/GPOs | REMOTES

PAGER/DUCKER 1
PAGER/DUCKER 2
PAGER/DUCKER 3
PAGER/DUCKER 4

TYPE: DUCKER [dropdown] INPUT: IN 8 [dropdown] PRIORITY: 2 [dropdown] CHIME: [dropdown]

1 AUD103 L	2 AUD103 R	3 AUD106 L	4 AUD106 R	5 AUD108 L	6 AUD108 R	7 SUB_110P	8 TOUCH ZO...
9 WPa ZONE	10 OUTPUT 10	11 OUTPUT 11	12 OUTPUT 12	13 OUTPUT 13	14 OUTPUT 14	15 OUTPUT 15	16 OUTPUT 16

DUCK [button]

THRESHOLD: -12,0 dB | DEPTH: 20,0 dB | ATTACK: 19 ms | HOLD: 1,058 ms | RELEASE: 1,500 ms

F1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
F2																

4. PAGERS/DUCKERS

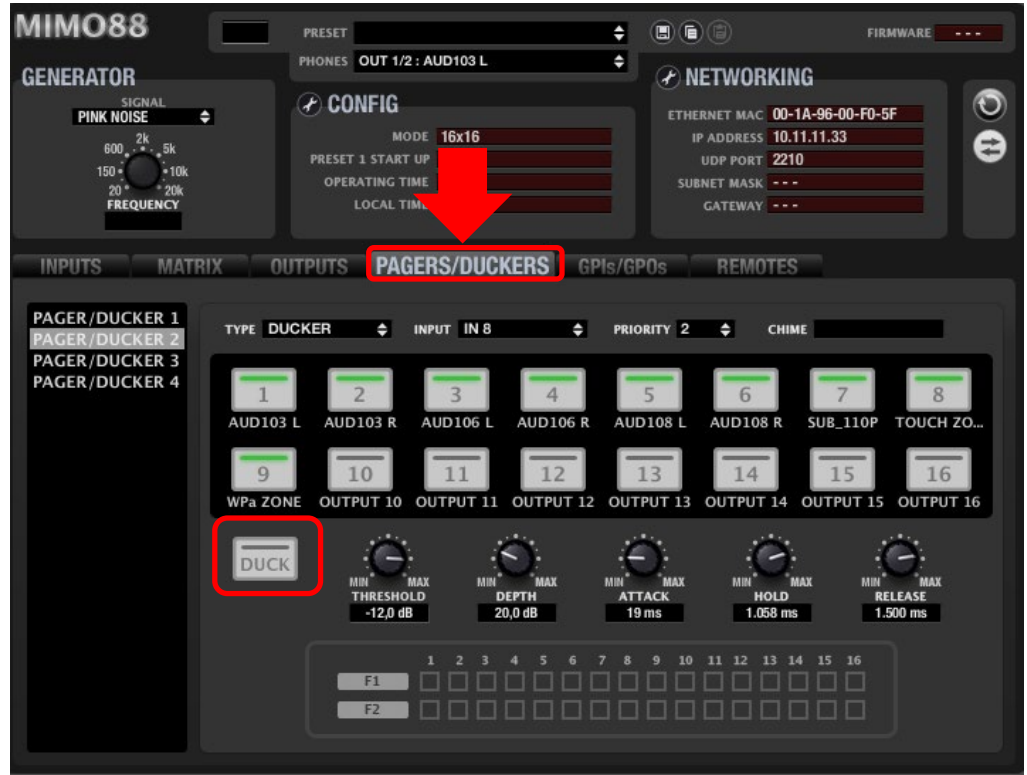
4.1 Type

4.2 Input

4.3 Priority

4.4 Destination Zone Keys

4.5 Duck Indicator



The screenshot shows the MIMO88 control interface. At the top, there are sections for 'GENERATOR' (with a 'PINK NOISE' signal and a 'FREQUENCY' knob), 'CONFIG' (with 'MODE 16x16' and 'PRESET 1 START UP'), and 'NETWORKING' (with 'ETHERNET MAC 00-1A-96-00-F0-5F' and 'IP ADDRESS 10.11.11.33'). Below these are tabs for 'INPUTS', 'MATRIX', 'OUTPUTS', 'PAGERS/DUCKERS', 'GPIS/GPOs', and 'REMOTES'. The 'PAGERS/DUCKERS' tab is selected and highlighted with a red box. On the left side of this tab, there are four 'PAGER/DUCKER' slots. The main area shows a grid of 16 buttons (1-16) for different outputs, with 'DUCK' highlighted by a red box. Below the grid are five knobs for 'THRESHOLD', 'DEPTH', 'ATTACK', 'HOLD', and 'RELEASE', each with 'MIN' and 'MAX' values. At the bottom, there are two rows of buttons labeled 'F1' and 'F2'.

4. PAGERS/DUCKERS

4.1 Type

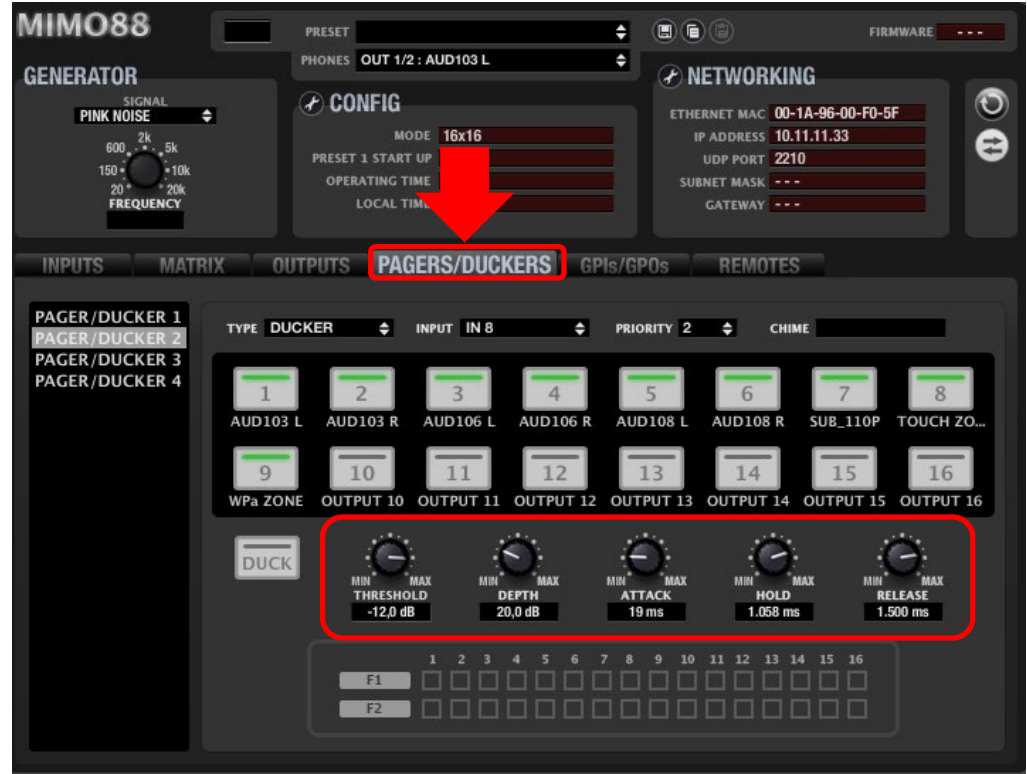
4.2 Input

4.3 Priority

4.4 Destination Zone Keys

4.5 Duck Indicator

4.6 Knobs T, D, A, H, R



MIMO88 PRESET: [dropdown] PHONES: OUT 1/2 : AUD103 L FIRMWARE: [dropdown]

GENERATOR SIGNAL: PINK NOISE [dropdown] FREQUENCY: 600, 2k, 5k, 150, 20k, 20k

CONFIG MODE: 16x16 PRESET 1 START UP: [dropdown] OPERATING TIME: [dropdown] LOCAL TIME: [dropdown]

NETWORKING ETHERNET MAC: 00-1A-96-00-F0-5F IP ADDRESS: 10.11.11.33 UDP PORT: 2210 SUBNET MASK: --- GATEWAY: ---

INPUTS | MATRIX | OUTPUTS | **PAGERS/DUCKERS** | GPIS/GPOs | REMOTES

PAGER/DUCKER 1
PAGER/DUCKER 2
PAGER/DUCKER 3
PAGER/DUCKER 4

TYPE: DUCKER [dropdown] INPUT: IN 8 [dropdown] PRIORITY: 2 [dropdown] CHIME: [dropdown]

1 AUD103 L	2 AUD103 R	3 AUD106 L	4 AUD106 R	5 AUD108 L	6 AUD108 R	7 SUB_110P	8 TOUCH ZO...
9 WPa ZONE	10 OUTPUT 10	11 OUTPUT 11	12 OUTPUT 12	13 OUTPUT 13	14 OUTPUT 14	15 OUTPUT 15	16 OUTPUT 16

DUCK

MIN THRESHOLD -12,0 dB	MIN DEPTH 20,0 dB	MIN ATTACK 19 ms	MIN HOLD 1.058 ms	MIN RELEASE 1.500 ms
------------------------------	-------------------------	------------------------	-------------------------	----------------------------

F1: [grid] F2: [grid]

4. PAGERS/DUCKERS

4.1 Type

4.2 Input

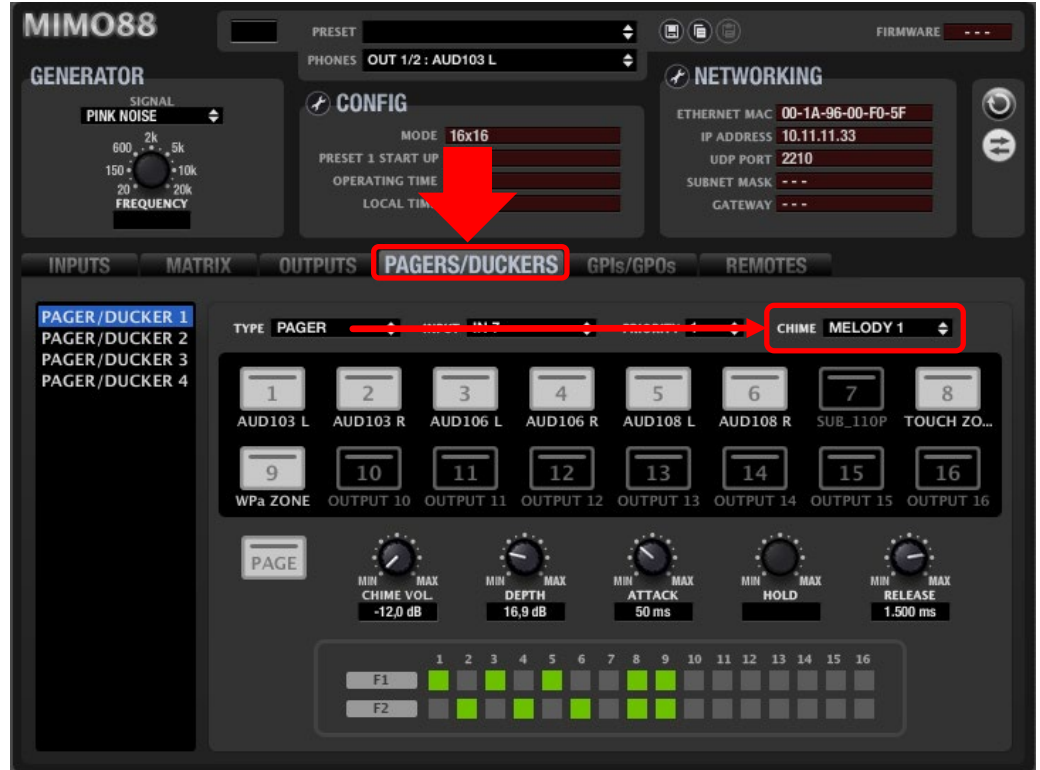
4.3 Priority

4.4 Destination Zone Keys

4.5 Duck Indicator

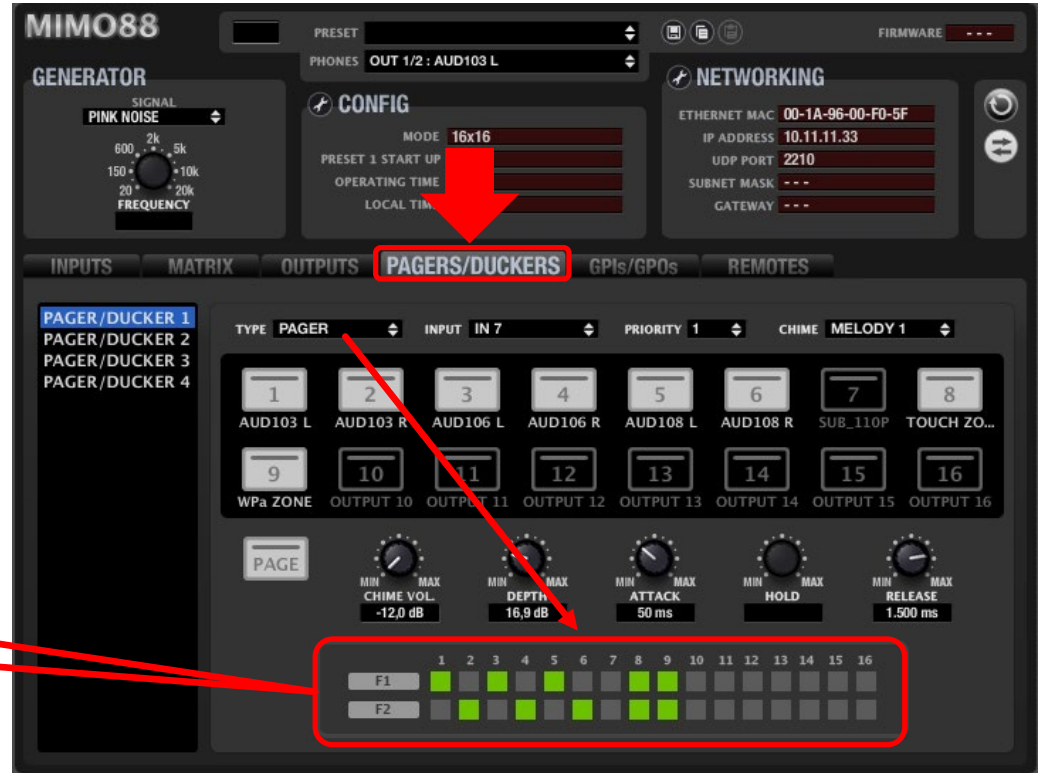
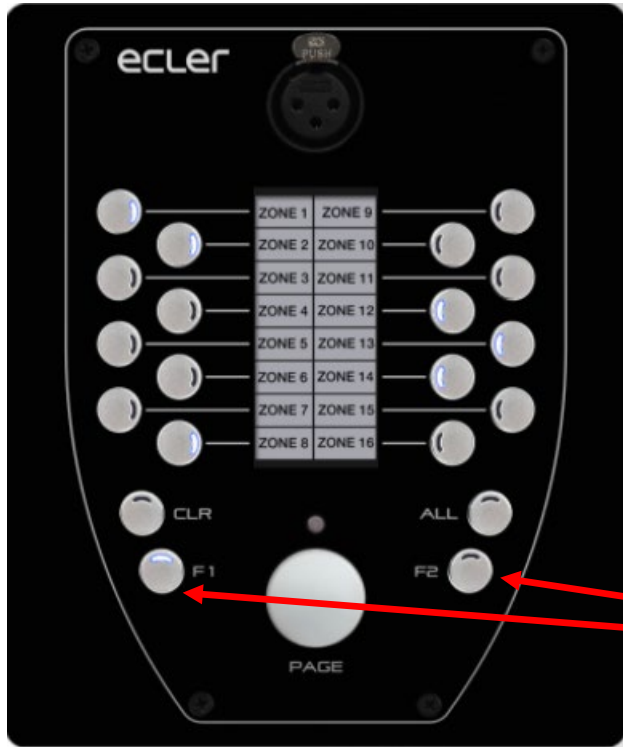
4.6 Knobs T, D, A, H, R

4.7 Chime



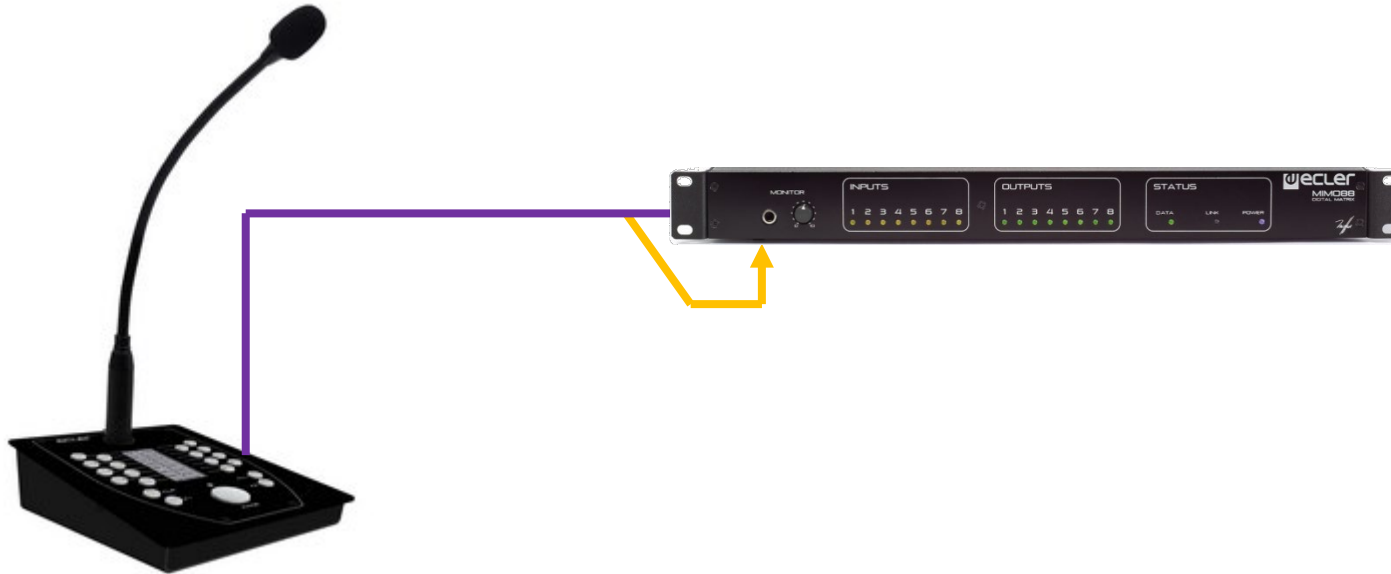
The screenshot displays the MIMO88 control interface. At the top, the 'MIMO88' logo is visible. The interface is divided into several sections: 'GENERATOR' (with a 'PINK NOISE' signal selector and a 'FREQUENCY' knob), 'CONFIG' (with 'MODE' set to '16x16'), and 'NETWORKING' (with fields for 'ETHERNET MAC', 'IP ADDRESS', 'UDP PORT', 'SUBNET MASK', and 'GATEWAY'). Below these is a navigation bar with tabs for 'INPUTS', 'MATRIX', 'OUTPUTS', 'PAGERS/DUCKERS' (highlighted with a red box), 'GPIS/GPOS', and 'REMOTES'. The 'PAGERS/DUCKERS' section shows a list of 'PAGER/DUCKER' entries (1-4) on the left. The main area is titled 'TYPE PAGER' and features a 'CHIME MELODY 1' dropdown menu (highlighted with a red box). Below this are 16 buttons labeled '1' through '16', corresponding to 'AUD103 L', 'AUD103 R', 'AUD106 L', 'AUD106 R', 'AUD108 L', 'AUD108 R', 'SUB_110P', 'TOUCH ZO...', 'WPa ZONE', 'OUTPUT 10', 'OUTPUT 11', 'OUTPUT 12', 'OUTPUT 13', 'OUTPUT 14', 'OUTPUT 15', and 'OUTPUT 16'. At the bottom, there are five knobs for 'CHIME VOL' (-12.0 dB), 'DEPTH' (16.9 dB), 'ATTACK' (50 ms), 'HOLD', and 'RELEASE' (1.500 ms). A 'PAGE' button is also present. At the very bottom, there are two rows of buttons labeled 'F1' and 'F2' with green indicators.

4. PAGERS/DUCKERS



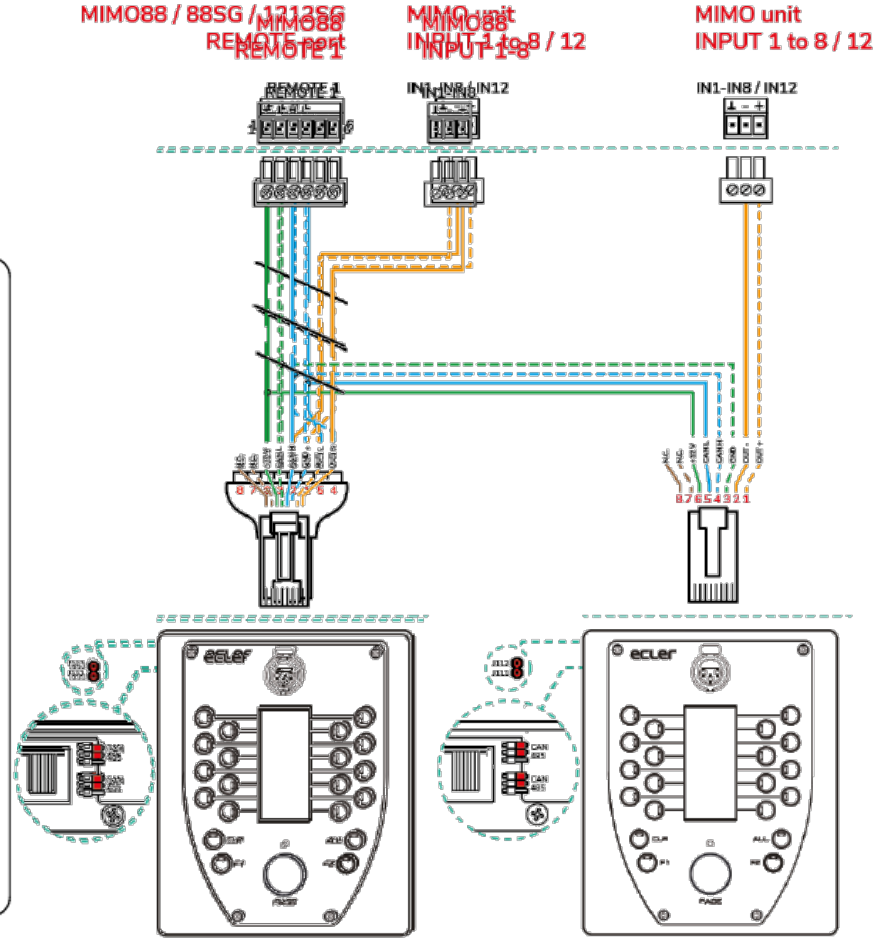
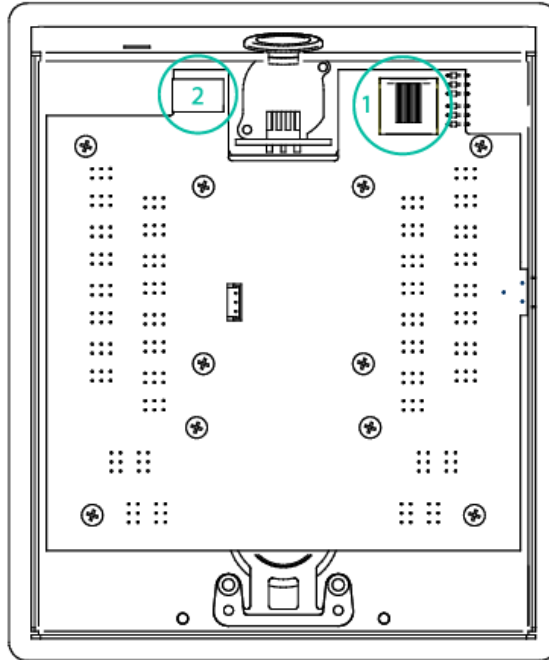
4. PAGERS/DUCKERS

Connecting eMPAGE MIMO88 / MIMO88SG /MIMO1212SG



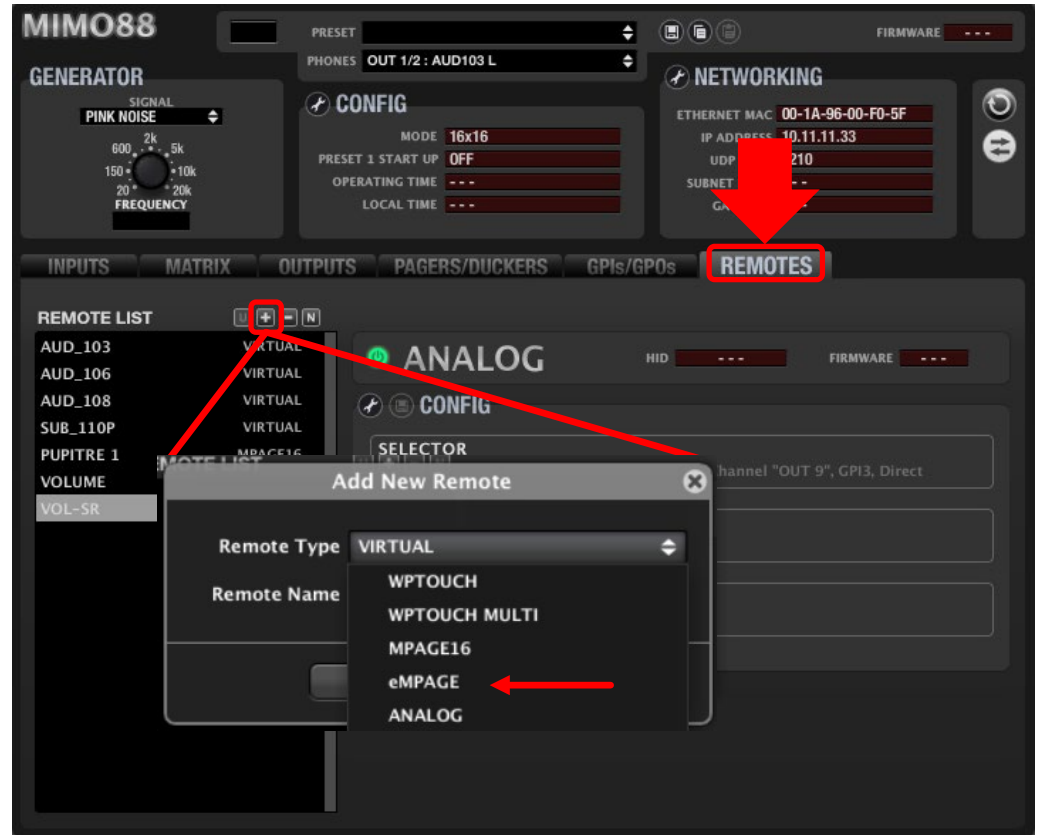
4. PAGERS/DUCKERS

Connecting eMPAGE



5. REMOTES (eMPAGE)

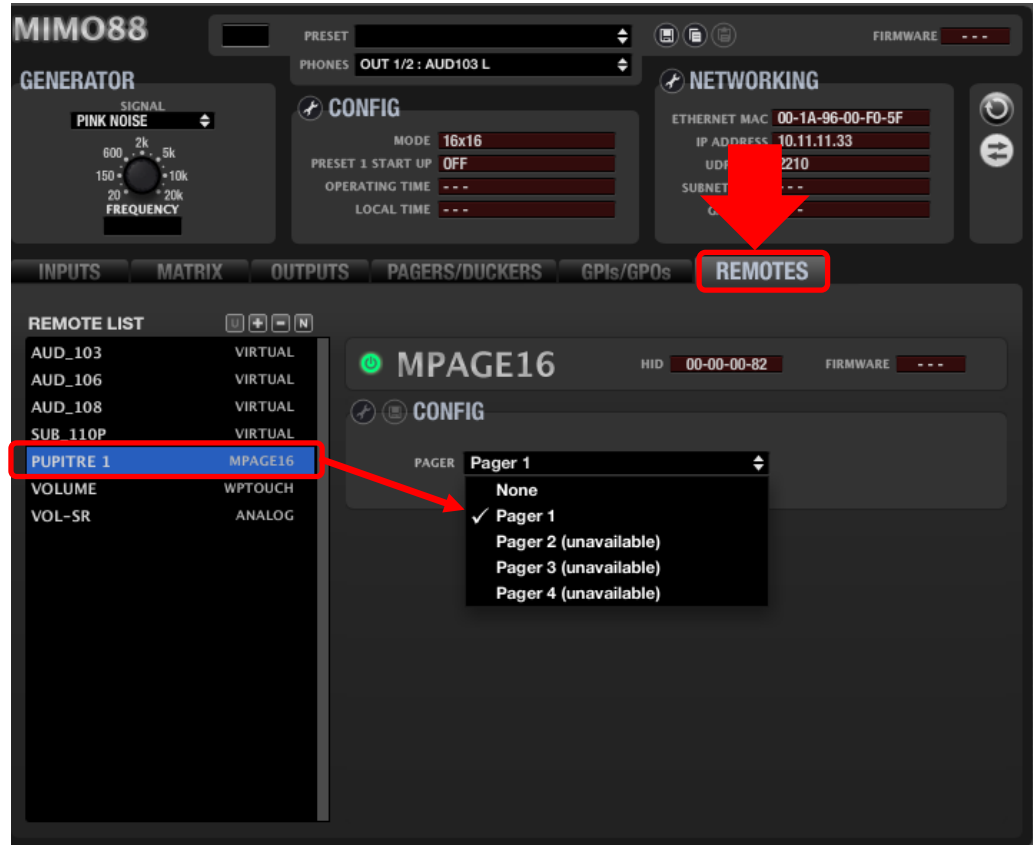
To assign eMPAGE paging station to a Pager/Ducking module.



The screenshot displays the MIMO88 control interface. At the top, there are sections for GENERATOR (with a PINK NOISE control), CONFIG (with MODE 16x16, PRESET 1 START UP OFF, OPERATING TIME ---, and LOCAL TIME ---), and NETWORKING (with ETHERNET MAC 00-1A-96-00-F0-5F, IP ADDRESS 10.11.11.33, UDP 210, and SUBNET ---). Below these is a navigation bar with tabs: INPUTS, MATRIX, OUTPUTS, PAGERS/DUCKERS, GPIs/GPOs, and REMOTES (highlighted with a red box and a red arrow). The REMOTES tab shows a REMOTE LIST with columns for name and type, listing AUD_103, AUD_106, AUD_108, SUB_110P, PUPITRE 1, VOLUME, and VOL-SR, all with a type of VIRTUAL. A red box highlights the '+' icon in the top right of the list. An 'Add New Remote' dialog box is open, showing a dropdown menu for Remote Type set to VIRTUAL, and a list of Remote Name options: WPTOUCH, WPTOUCH MULTI, MPAGE16, eMPAGE (highlighted with a red arrow), and ANALOG.

5. REMOTES (eMPAGE)

ENM will show which modules are available.



The screenshot displays the MIMO88 control interface. At the top, the 'MIMO88' title is visible. Below it, there are sections for 'GENERATOR' (with a 'PINK NOISE' signal and a frequency knob), 'CONFIG' (with settings for MODE, PRESET 1 START UP, OPERATING TIME, and LOCAL TIME), and 'NETWORKING' (with Ethernet MAC, IP ADDRESS, UDP, and SUBNET fields). A red arrow points to the 'REMOTES' tab, which is highlighted in red. Below the tabs, the 'REMOTE LIST' table is shown with the following entries:

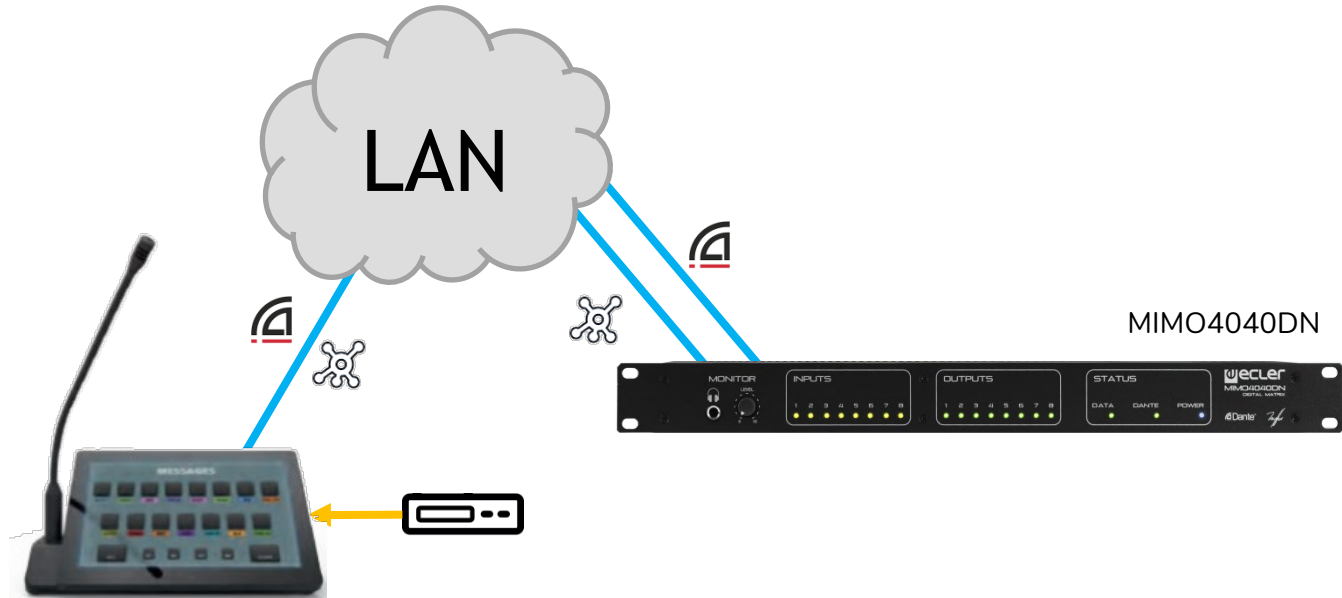
REMOTE LIST	Type
AUD_103	VIRTUAL
AUD_106	VIRTUAL
AUD_108	VIRTUAL
SUB_110P	VIRTUAL
PUPITRE 1	MPAGE16
VOLUME	WPTOUCH
VOL-SR	ANALOG

The 'PUPITRE 1' row is highlighted in blue. A red arrow points from this row to a dropdown menu for 'PUPITRE 1'. The dropdown menu shows the following options:

- None
- Page 1
- Page 2 (unavailable)
- Page 3 (unavailable)
- Page 4 (unavailable)

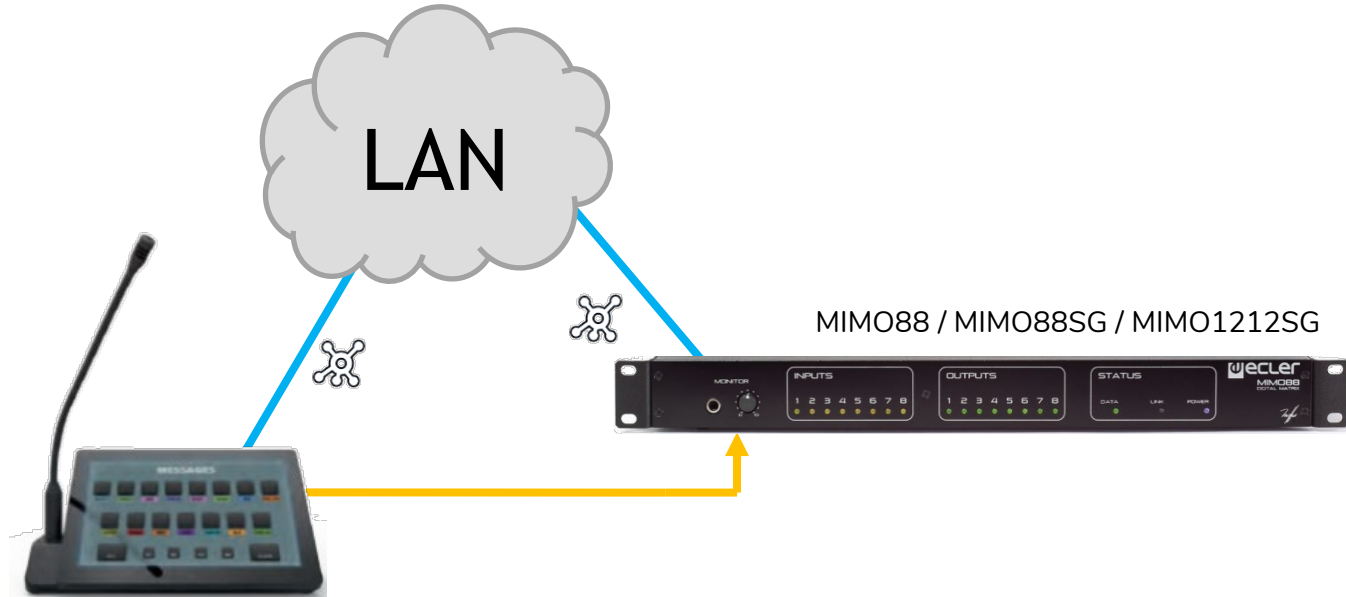
4. PAGERS/DUCKERS

Connecting PAGENET in MIMO4040DN



4. PAGERS/DUCKERS

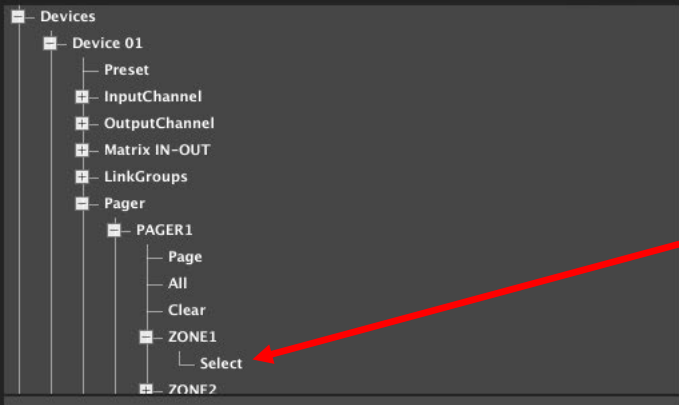
Connecting PAGENET in MIMO88 / MIMO88SG / MIMO1212SG



Select Parameter

Parameter Path /Devices/MIMO4040DN/Pager/PAGER1/ZONE1/Select

Data ---



OK Cancel

Type Panel Control: BUTTON
Name Zone 1
Parameter /Devices/MIMO4040DN/Pager/PAGER1/ZONE1/Select
Push Only
Data ---
Reverse
File button_large_black_square_led_green_01
Opacity 1,00
Visible
Locked
X 85
Y 105
Width 88
Height 88

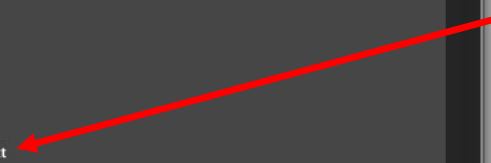
Page : 40 ZONES PAGING



PAGING STATION

READY

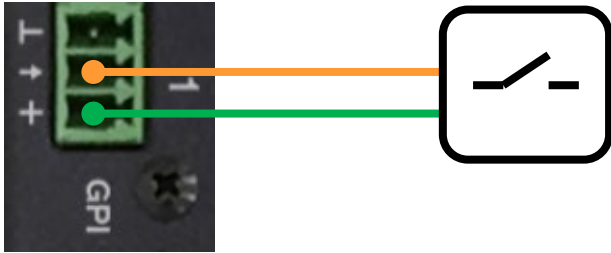
1	2	3	4	5	6
11	12	13	14	15	16
21	22	23	24	25	26
31	32	33	34	35	36



EclerNet Manager: Remotes

5. REMOTES

Connecting contact



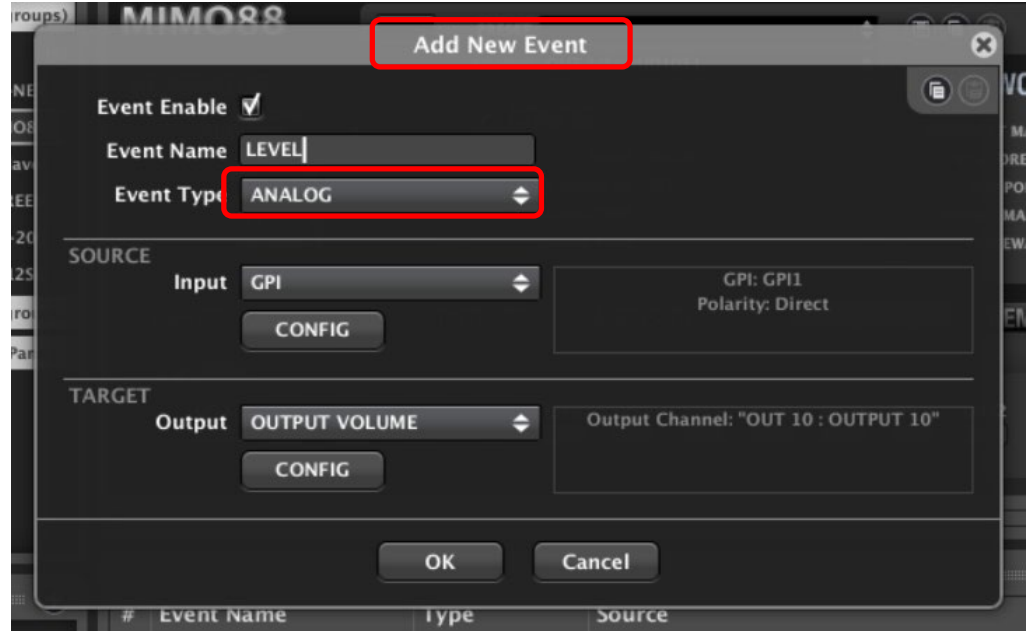
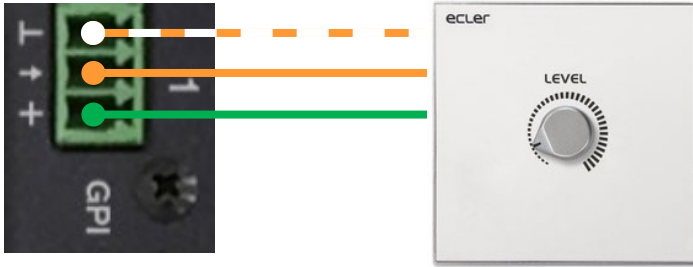
The screenshot shows the EclerNet Manager software interface for a MIMO88SG device. The interface is divided into several sections:

- Project Explorer (Local):** Shows a tree view with 'All' (1 group), 'Device 01' (MIMO88SG), 'Channels' (1 group), and 'User Control Panels' (0 Panels).
- Device: Device 01:**
 - GENERATOR:** Includes a 'PINK NOISE' control with a frequency knob (600 Hz to 20 kHz).
 - CONFIG:** Includes 'PRESET 1 START UP' (OFF), 'OPERATING TIME', and 'LOCAL TIME'.
 - NETWORKING:** Includes 'ETHERNET MAC', 'IP ADDRESS' (0.0.0.0), 'UDP PORT' (2210), 'SUBNET MASK', and 'GATEWAY'.
 - MATRIX:** A central control area with 'OUTPUTS' (OUTPUT 1 to OUTPUT 8) and 'INPUTS' (INPUT 1).
- Online and Unused Device List:** A list of devices currently online or unused.
- Events:** A table with columns for '#', 'Event Name', 'Type', 'Source', 'Target', and 'Raw OUT Valu'. A blue 'Add New...' button is highlighted with a red arrow.

The status bar at the bottom shows: [2019-04-22] [09:47:16] (Device) (Device 01 (0.0.0.0:2210) (MIMO88SG)) Added to Project. The date and time are 22/04/2019 9:58:25.

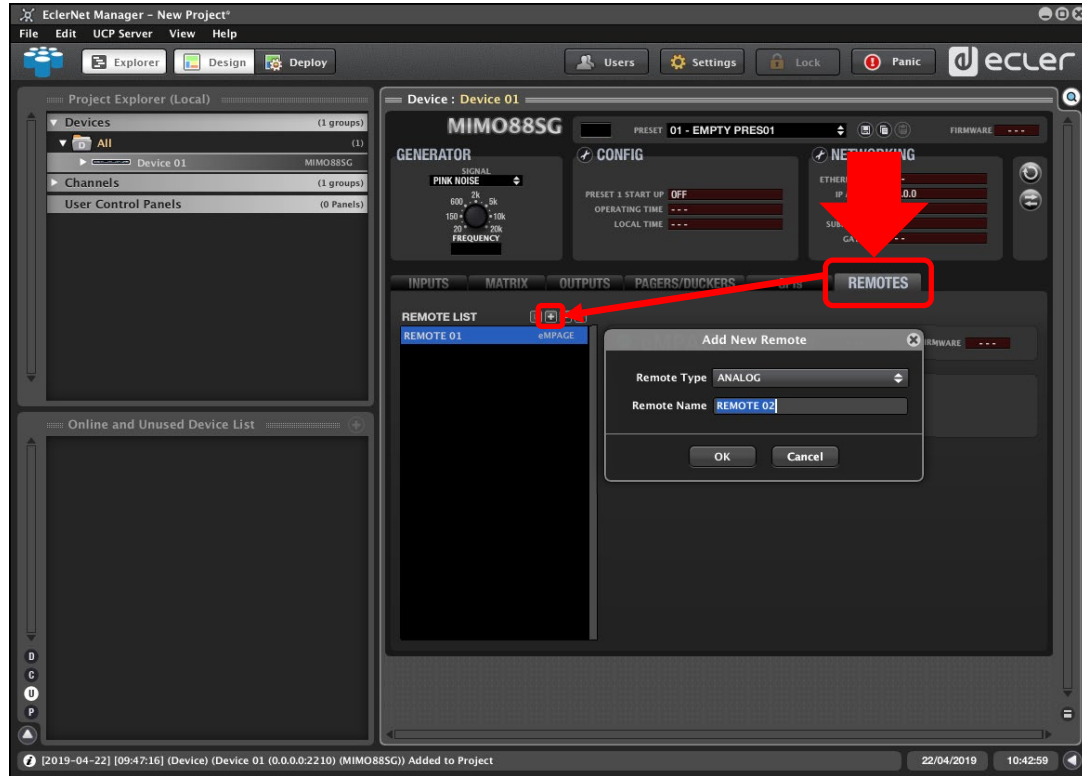
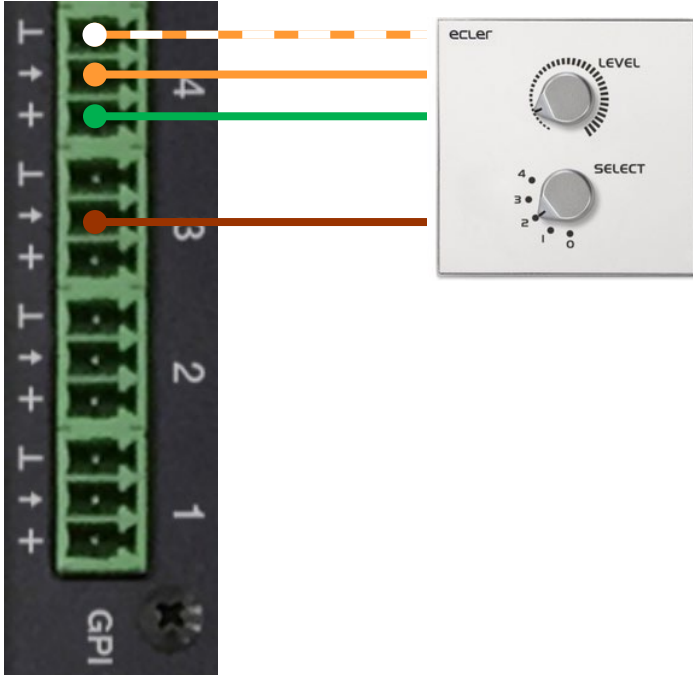
5. REMOTES

Connecting WPaVOL



5. REMOTES

Connecting WPaVOL-SR



5. REMOTES

Connecting WPaVOL-SR

The diagram illustrates the connection of an ecler remote control to a GPI port and the corresponding software configuration. On the left, a GPI port is shown with four pins connected to the remote: Pin 4 (white), Pin 3 (orange), Pin 2 (green), and Pin 1 (brown). The remote has two knobs: 'LEVEL' and 'SELECT'. A carousel icon is used as a visual reference for the remote's function. On the right, the software interface shows the 'Edit Remote: ANALOG' configuration window. The 'Output' is set to 'OUT 9 : WPa ZONE'. The 'VOLUME' section is configured with 'GPI' set to 'GPI4', 'Type' set to 'X-FOCUS VOLUME', and 'Polarity' set to 'DIRECT'. The 'BUTTON' section is configured with 'GPI' set to 'GPI3' and 'Type' set to 'NONE'. Red boxes and arrows highlight the connections between the physical components and the software settings.

Carousel



A carousel list is a set of selectable options for a remote control connected to a MIMO unit, such selection being "circular" (hence the name carousel).

MIMO88 PRESET [] PHONES OUT 1/2 : AUD103 L FIRMWARE []

Carousel Lists

Item	Value
01 - SOURCES_FORM	INPUTS
02 - FORM (WPa)	INPUTS
03 - CAROUSEL 3	NONE
04 - CAROUSEL 4	NONE
05 - CAROUSEL 5	NONE
06 - CAROUSEL 6	NONE

Type: **INPUTS** Mode: **EXCLUSIVE** Selection Count: 5

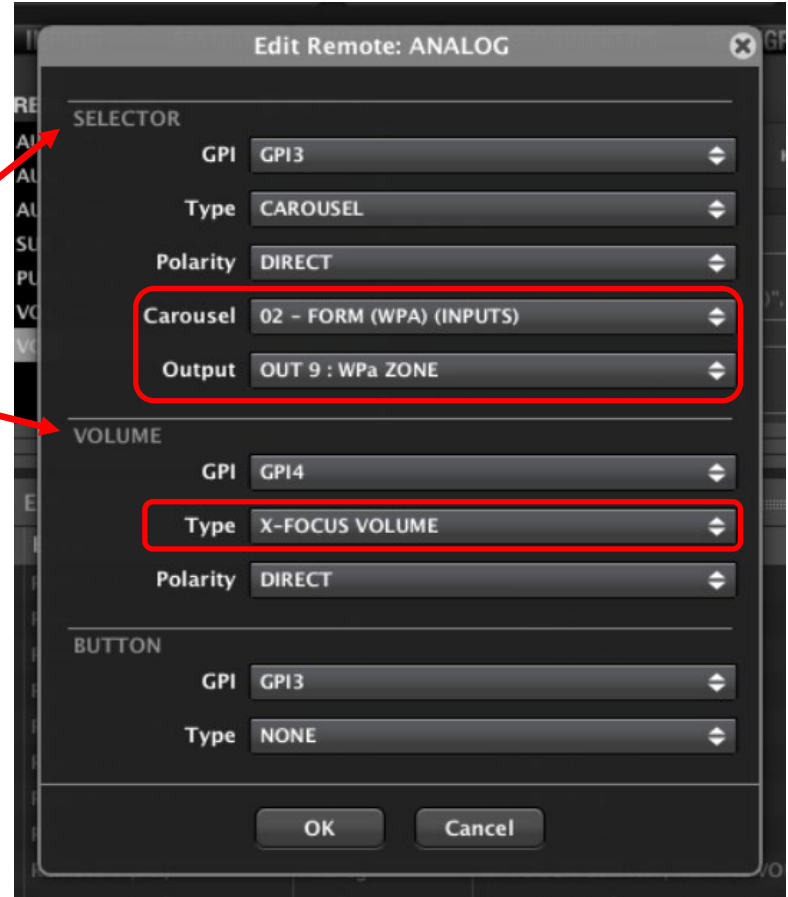
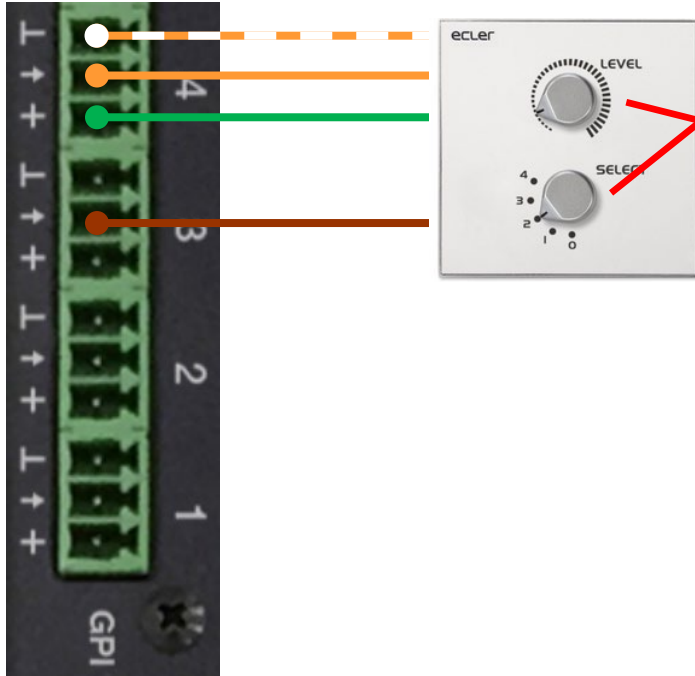
- OFF (10)
- IN 1 : CD PLAYER (30)
- IN 2 : CD R (50)
- IN 3 : PC MONO (70)
- IN 4 : INPUT 4 (90)
- IN 5 : PLAYER A L
- IN 6 : PLAYER A R
- IN 7 : MPAGE16
- IN 8 : MIX-T
- IN 9 : INPUT 9
- IN 10 : INPUT 10
- IN 11 : INPUT 11
- IN 12 : INPUT 12
- IN 13 : INPUT 13
- IN 14 : INPUT 14

Diagram: A circular flow diagram with four boxes labeled OPTION 1, OPTION 2, OPTION 3, and OPTION 4. Arrows indicate a clockwise cycle: OPTION 1 to OPTION 2, OPTION 2 to OPTION 3, OPTION 3 to OPTION 4, and OPTION 4 to OPTION 1.

OK Cancel

5. REMOTES

Connecting WPaVOL-SR



Details in User Manual

RJ-45 Diagram		
Pin 1	White Orange	GND (earth)
Pin 2	Orange	REMOTE VOL (10V-0V → MIN-MAX)
Pin 3	White Green	GND (earth)
Pin 4	Blue	NC
Pin 5	White Blue	NC
Pin 6	Green	VDC (+12V/+10V)
Pin 7	White Brown	GND (earth)
Pin 8	Brown	REMOTE ZONE (0, 3, 5, 7, 10V → OFF, Z1, Z2, Z3, Z4)

Table 1: RJ-45 connection diagram

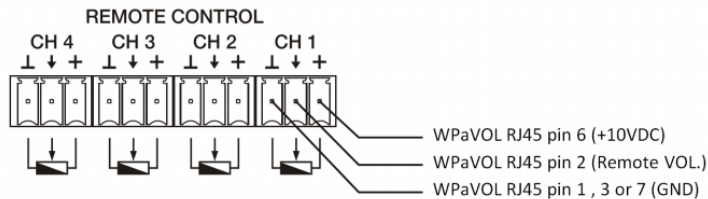
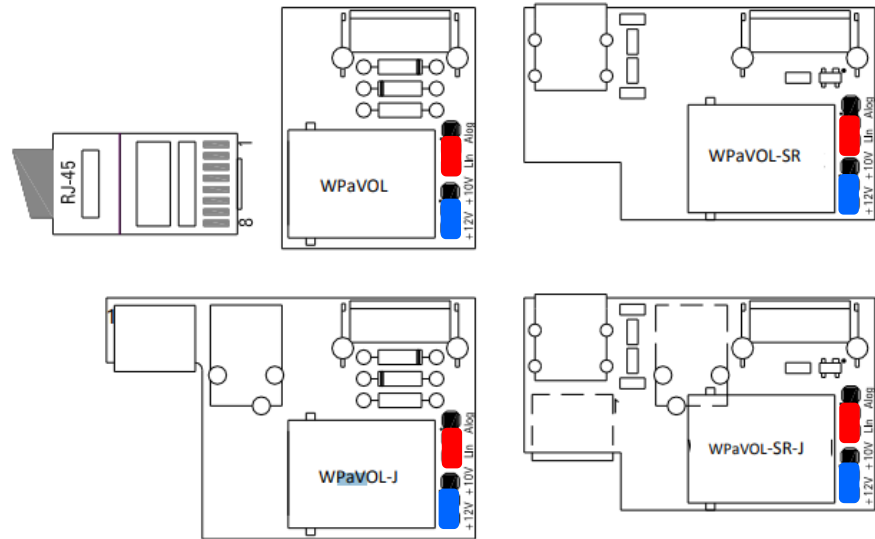


Figure 5: Connection of WPaVOL / WPaVOL-SR to remote-control ports



FACTORY DEFAULT: ALOG
+10V

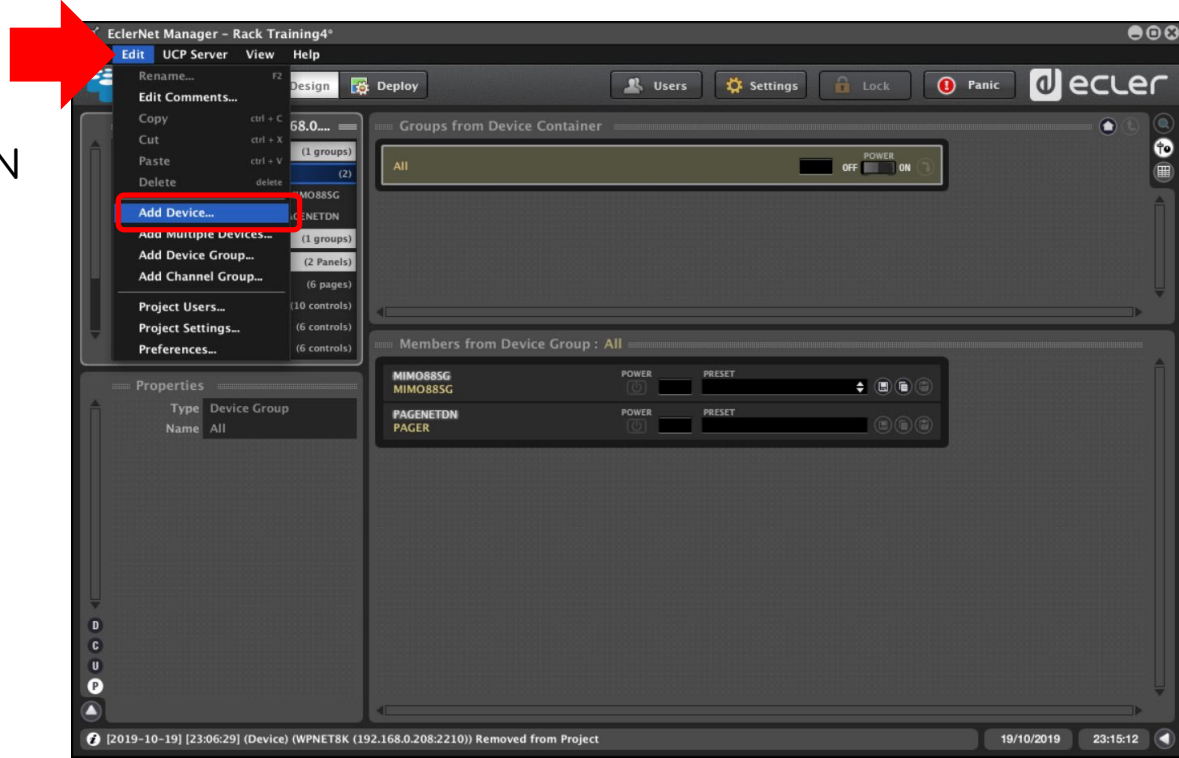
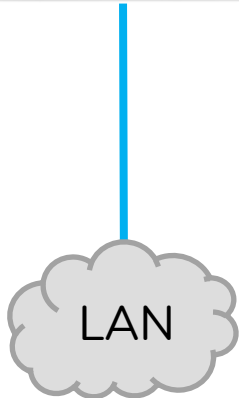
ALOG for analog devices
 +12V for MIMO88 GPI's
 LIN for digital devices
 +10V for other REMOTE ports

Figure 6: Internal jumpers

5. REMOTES

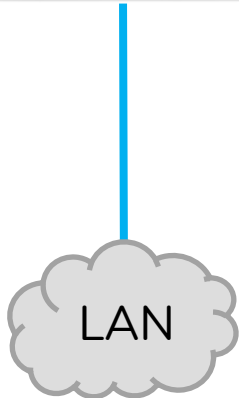
Connecting

WPNET4KV → MIMO4040DN



5. REMOTES

Connecting
WPNET4KV → MIMO4040DN



EclerNet Manager - Rack Training4

File Edit UCP Server View Help

Explorer Design Deploy

Project Explorer (192.168...)

- Devices (1 groups)
 - All (1)
 - MIMO... MIMO4040DN
- Channels (1 groups)
- User Control Panels (2 Panels)
 - PAGENET PANEL (6 pages)
 - MIMO88SG P... (10 controls)
 - PLAYER A (6 controls)
 - PLAYER B (6 controls)
 - VOL/SRC 1 ZO... (5 controls)

Properties

Type	Device
Name	MIMO4040DN

Device Name

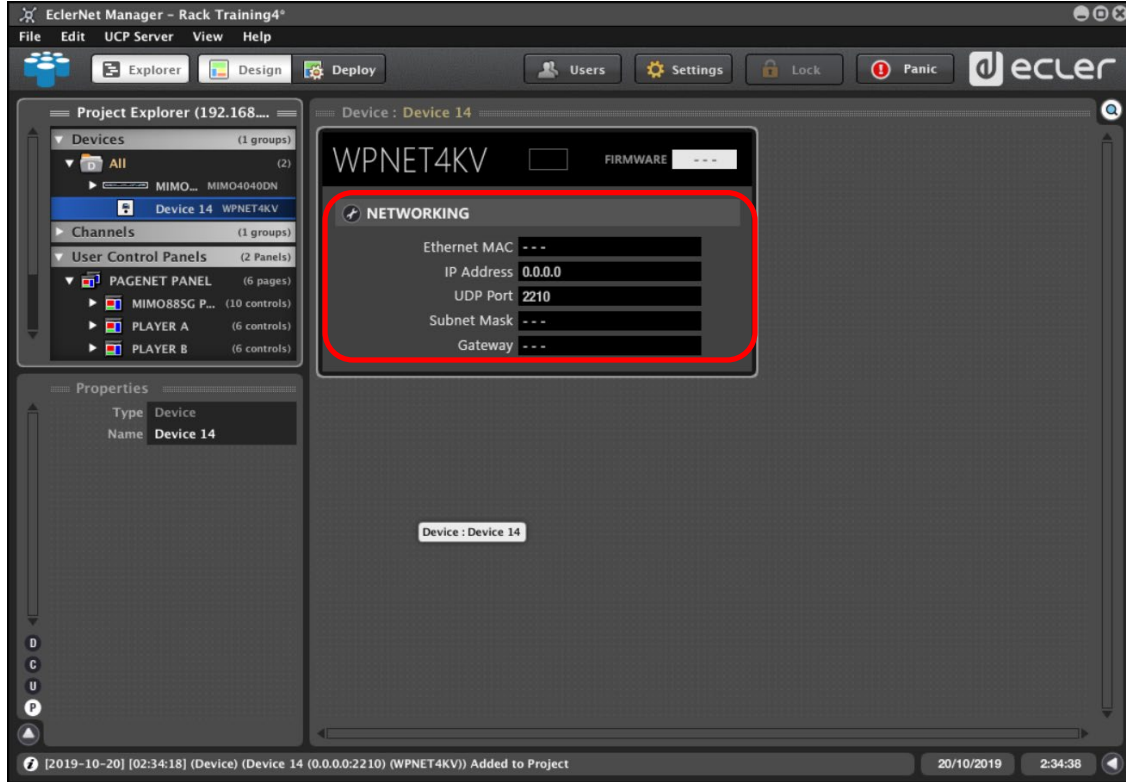
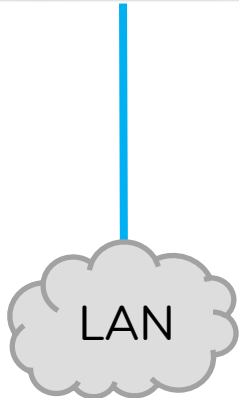
- MIMO88 Conference
- MIMO88SG
- MIMO88SG Conference
- MIMO12125G
- MIMO12125G Conference
- MIMO4040DN
- WpMSCREEN
- WpMSCREEN
- DUO-NET
- DUO-NET
- DN44BOB
- DN44BOB
- WPNET
- WPNETFX
- WPNET4KV**
- WPNET8K
- WPNET12KV
- WPNET4KVR
- WPNET8KR
- WPNET12KVR
- WPNETTOUCH
- WPNETTOUCH
- PAGENETDN

2019-10-20 [02:26:17] (Device) (Device 13 (0.0.0.0:2210)) Removed from Project

20/10/2019 2:27:10

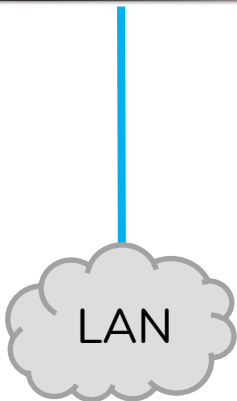
5. REMOTES

Connecting
WPNET4KV → MIMO4040DN



5. REMOTES

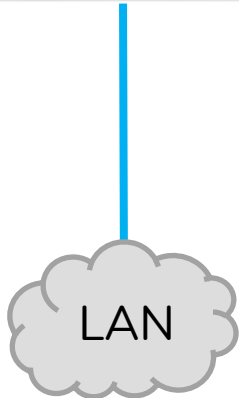
Connecting
WPNET4KV → MIMO4040DN



The screenshot shows the EclerNet Manager software interface. The main window displays the configuration for a device named 'MIMO4040DN'. The 'Remotes' tab is highlighted in the top navigation bar. Below the navigation bar, there is a 'REMOTE LIST' section with a '+' icon. A dialog box titled 'Add New Remote' is open, showing a list of remote types: ANALOG, VIRTUAL, WPNET4KV (selected), WPNET8K, and WPNET12KV. The status bar at the bottom indicates that a device (ZONE1 REMOTE) has been added to the project.

5. REMOTES

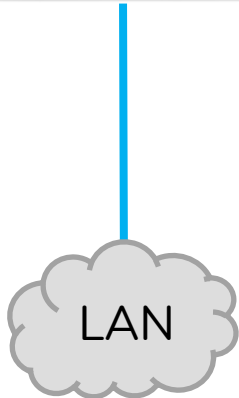
Connecting
 WPNET4KV → MIMO4040DN



5. REMOTES

Connecting

WPNET4KVR → MIMO1212SG
 MIMO88SG
 MIMO88



The screenshot shows the EclerNet Manager interface for a MIMO88 device. The NETWORKING section includes a 'REMOTES' button. A red arrow points from this button to an 'Add New Remote' dialog box. The dialog box has a 'Remote Type' dropdown menu with 'VIRTUAL' selected. Other options in the list include WPTOUCH, WPTOUCH MULTI, MPAGE16, eMPAGE, and ANALOG.

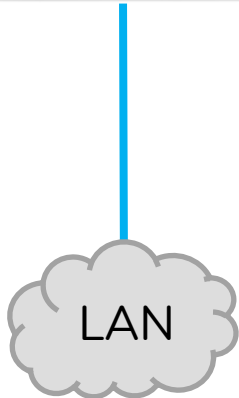
5. REMOTES

Connecting

WPNET4KVR → MIMO1212SG

MIMO88SG

MIMO88



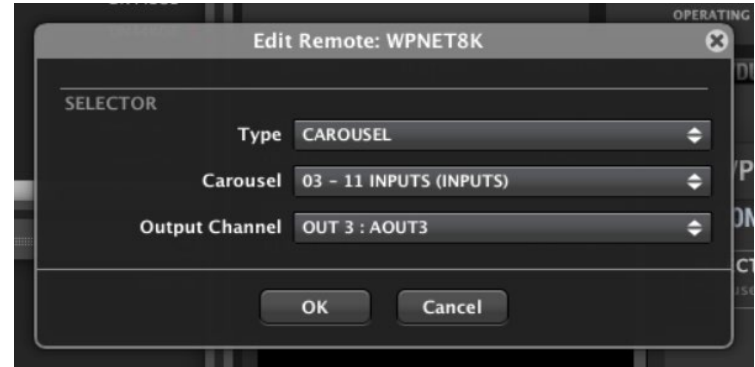
WP8K



WPNET8K → MIMO4040DN

Control:

- Sources / preset selector



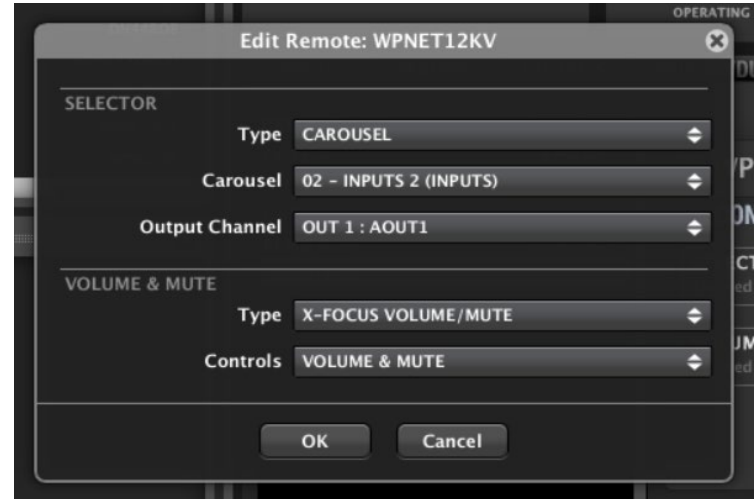
WP12KV



WPNET12KV → MIMO4040DN

Control:

- Sources / preset selector
- Volume (In / Out / X-Point)
- Multi option



WPNETEX

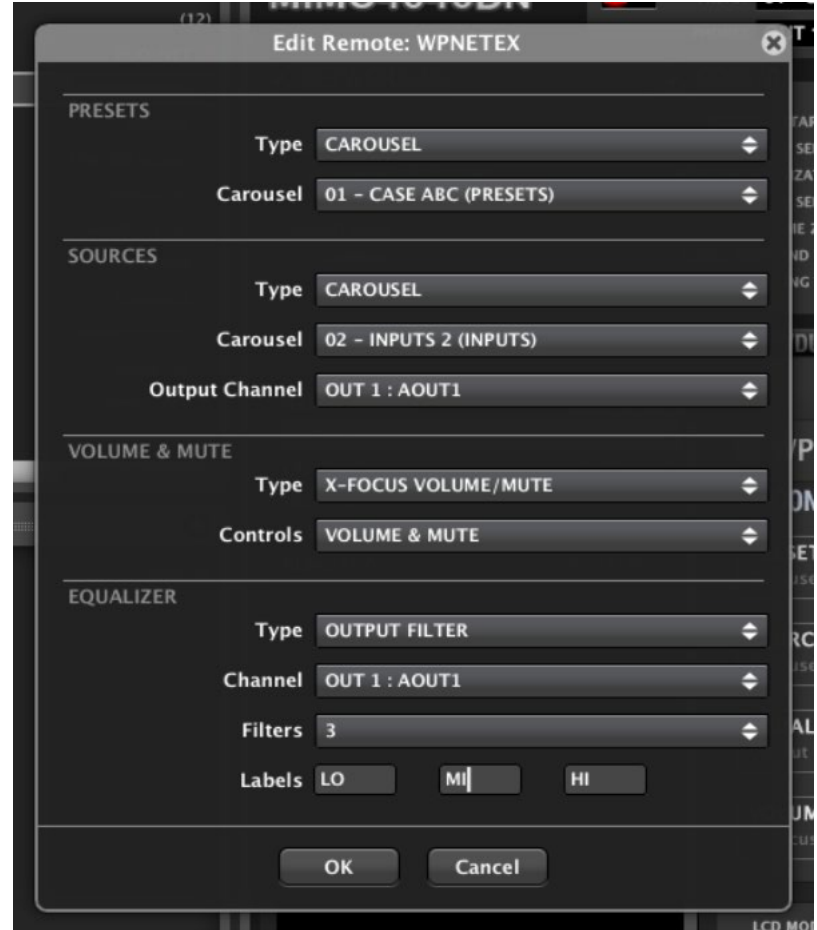


WPNETEX → MIMO4040DN

Control:

- Preset Selector
- Sources Selector
- Volume (In / Out / X-Point)
- EQ (In / Out)

NOTE: ~~WPNETEXR~~



EclerNet Manager: UCP Server

UCP Server – What for?

If UCPs are created, a **UCP web server device is required** running the EclerNet Manager application and the project containing the UCPs.

UCPs can be called and operated remotely by devices that act as **UCP web clients**.



UCP Server – Who?

UCP servers :

- WPNETTOUCH
- PAGENETDN
- MIMO4040DN
- PC + ENM (Deploy mode)



UCP clients:

- WPNETTOUCH
- PAGENETDN
- PC with Browser
(IE, Chrome, Firefox,..)
- Android & Apple devices

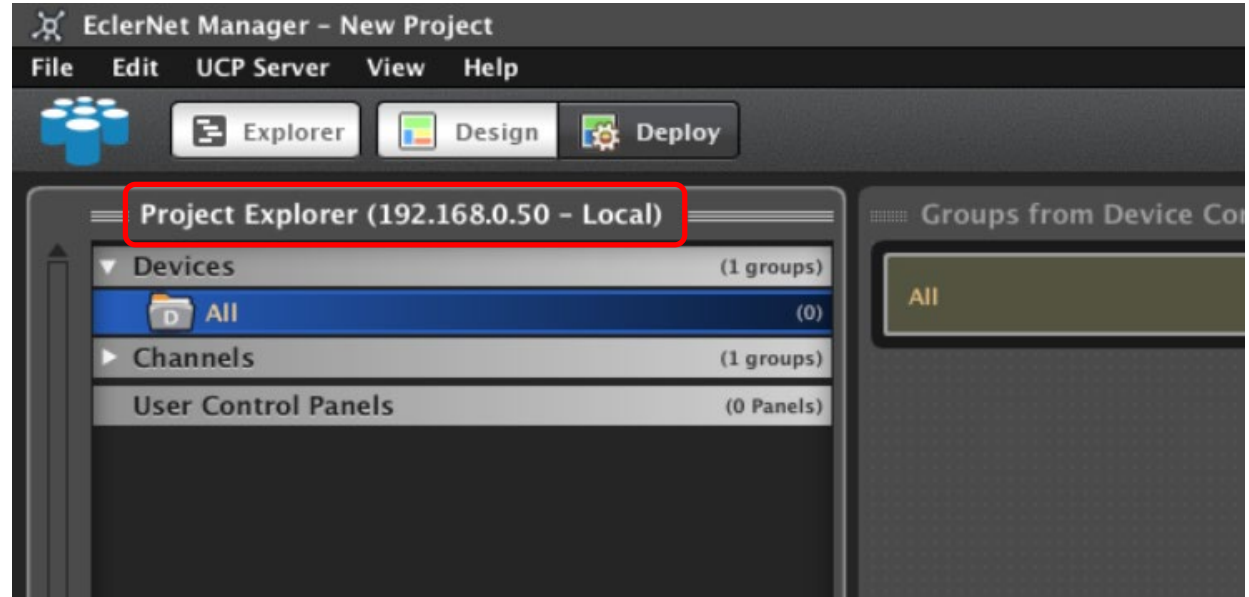
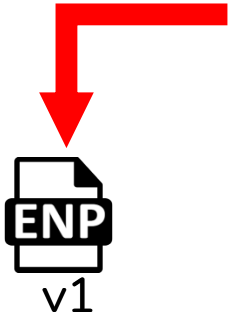
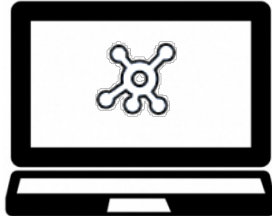


Working with UCP Server

DAY 0



File → Save as...

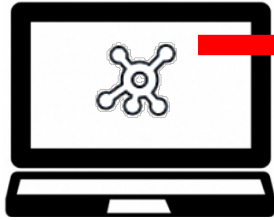


Working with UCP Server

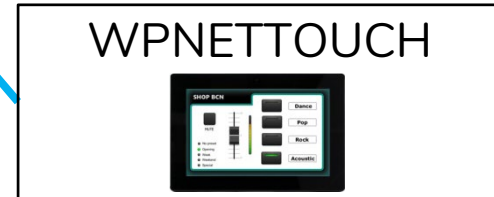
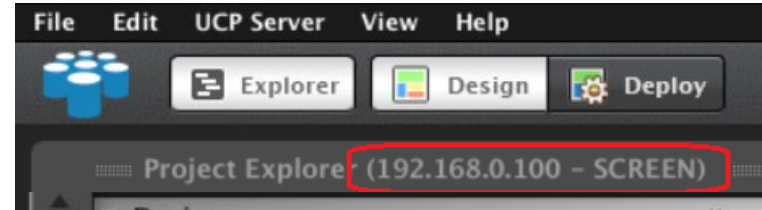
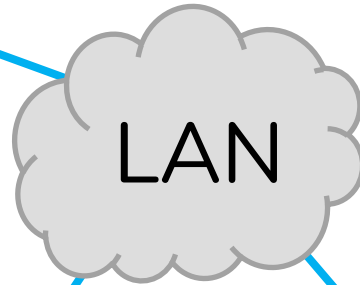
DAY 1



File → Open...



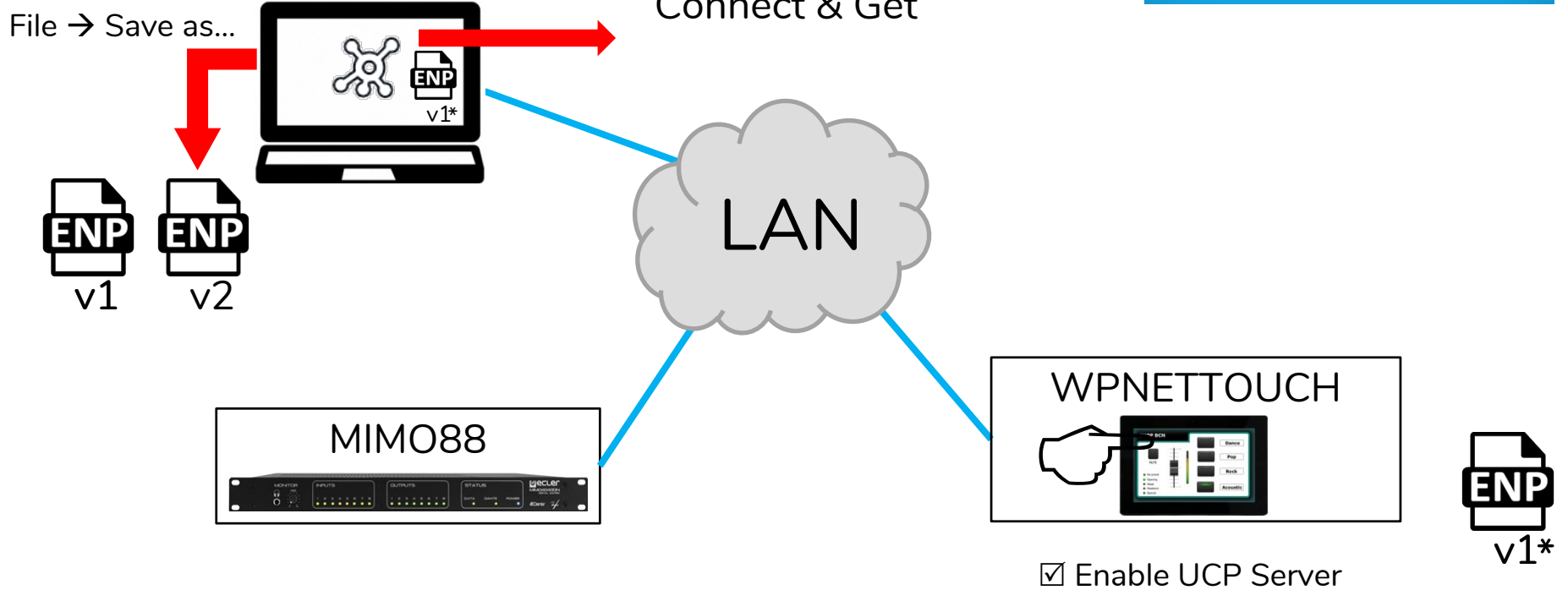
Connect & Send
Disconnect → Update? Y



Enable UCP Server

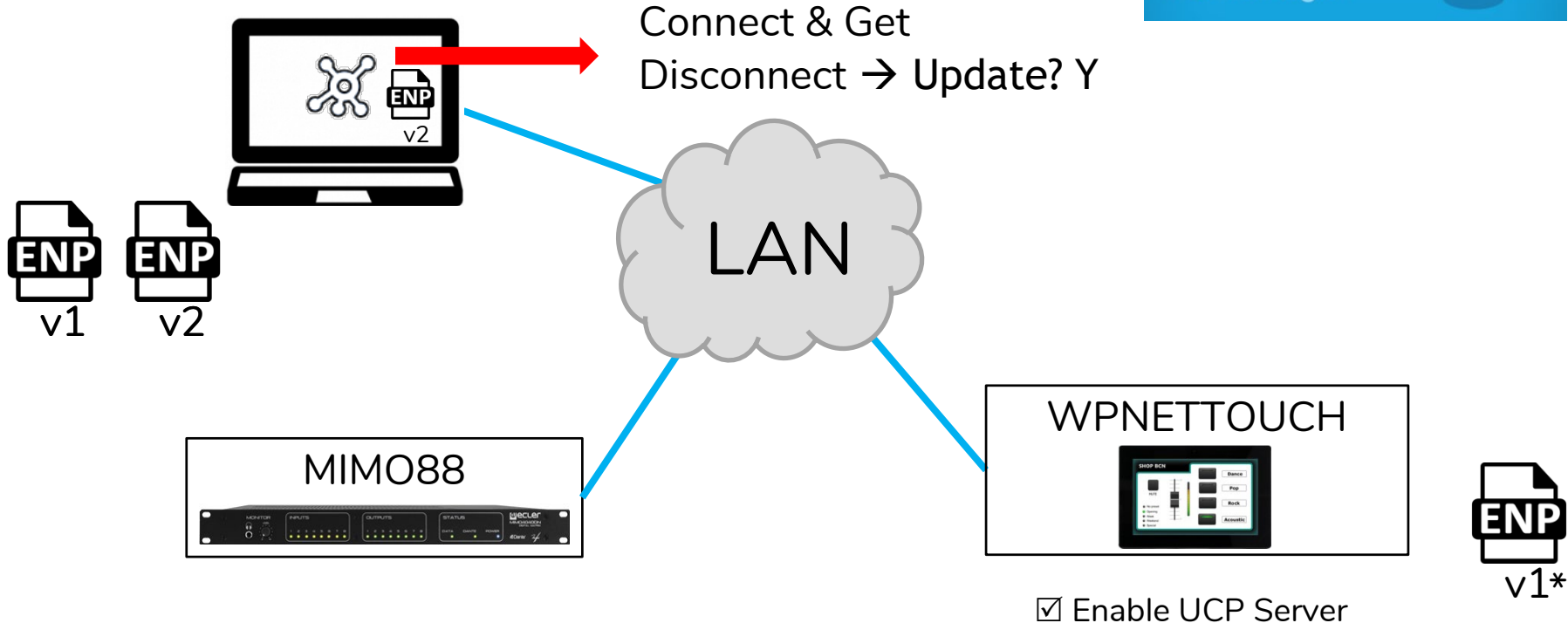
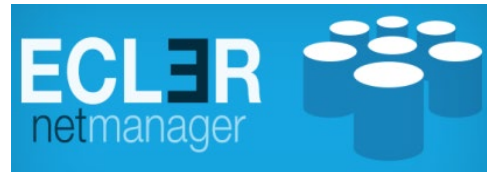
Working with UCP Server

NIGAY 1



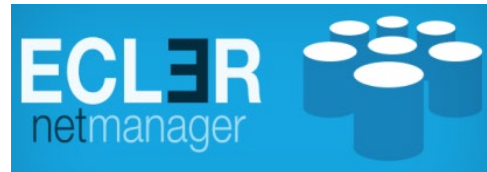
Working with UCP Server

NIGHT 1

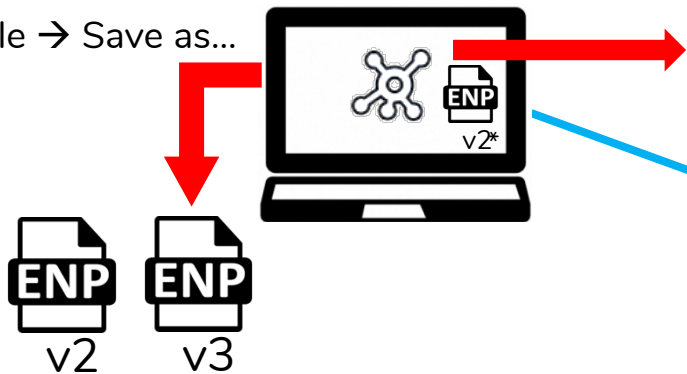


Working with UCP Server

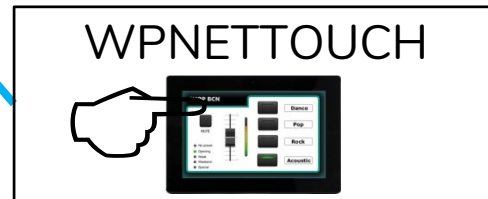
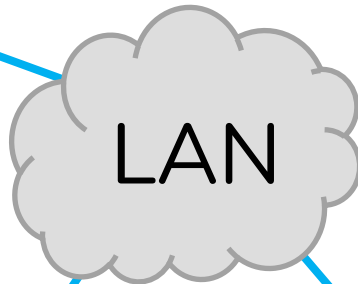
DAY 2



File → Save as...



Connect & Get

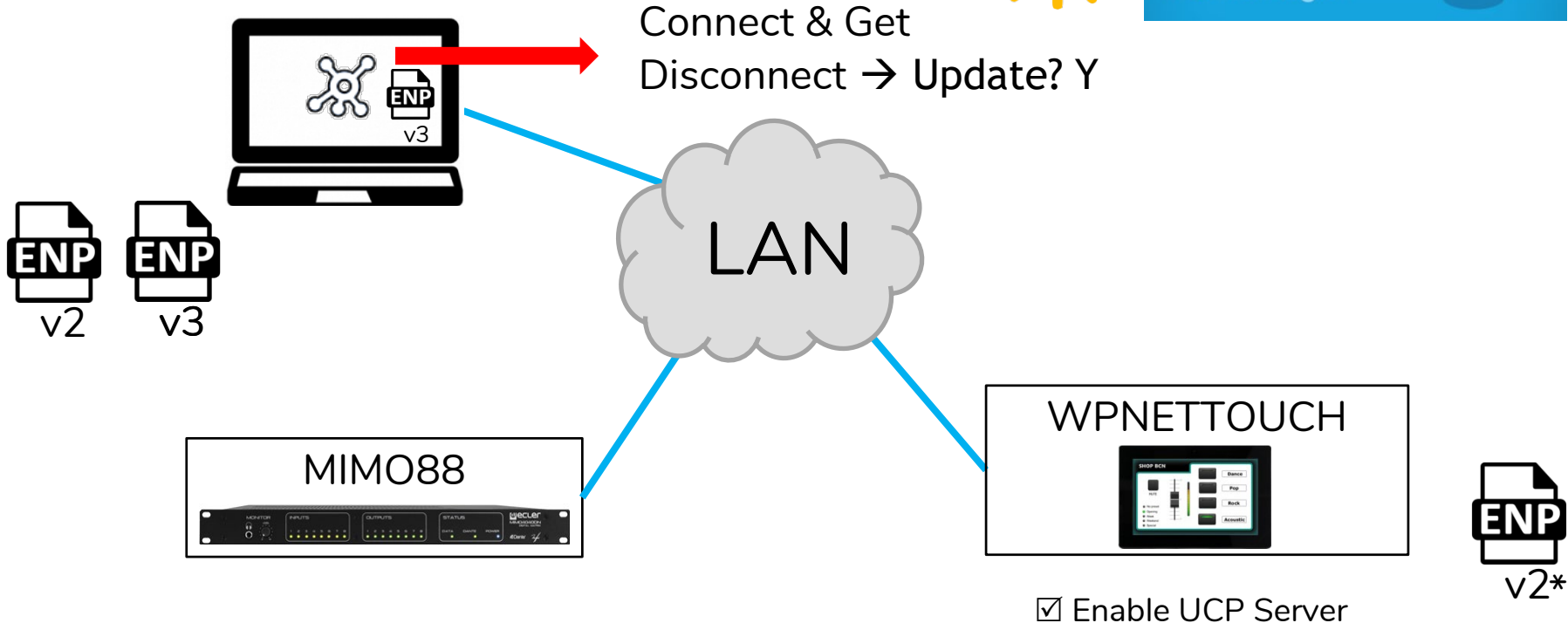
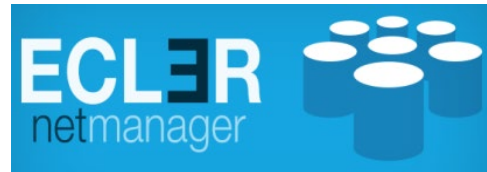


Enable UCP Server



Working with UCP Server

DAY 2



EclerNet Manager - New Project

File Edit UCP Server View Help

Explorer Design Deploy Users Settings Lock Panic ecler

Project Explorer (192.168.0.18 - Local)

- Devices (1 groups)
 - All (0)
- Channels (1 groups)
- User Control Panels (0 Panels)

Groups from Device Container

All POWER OFF ON

Members from Device Group : All

Online and Unused Device List

MIMO4040DN 192.168.0.100 : 2210	MIMO4040DN
PAGENET 192.168.0.200 : 2210	PAGENETDN

D
C
U
P

EclerNet Manager - New Project*

File Edit UCP Server View Help

Explorer Design Deploy Users Settings Lock Panic ecler

Project Explorer (192.168.0.18 - Local)

- Devices (1 groups)
 - All Device "MIMO4040DN" (0)
- Channels (1 groups)
- User Control Panels (0 Panels)

Groups from Device Container

All POWER OFF ON

Members from Device Group : All

Online and Unused Device List

<input checked="" type="checkbox"/>	MIMO4040DN 192.168.0.100 : 2210	MIMO4040DN
<input type="checkbox"/>	PAGENET 192.168.0.200 : 2210	PAGENETDN

D
C
U
P

EclerNet Manager - New Project*

File Edit UCP Server View Help

Explorer Design Deploy Users Settings Lock Panic ecler

Project Explorer (192.168.0.18 - Local)

- Devices (1 groups)
 - All (1)
 - MIMO4040DN MIMO4040DN
- Channels (1 groups)
- User Control Panels (0 Panels)

Device : MIMO4040DN

MIMO4040DN

PRESET **01 - EMPTY PRESET 01**

PHONES **MTX_OUT1 : AOUT1**

Device Inputs Matrix Outputs Pagers/Duckers GPIOs

NETWORK

Ethernet MAC **00-30-D6-1D-8E-B1**

IP Address **192.168.0.100**

UDP Port **2210**

Subnet Mask **255.255.255.0**

Gateway **192.168.0.1**

CONFIG

Preset 1 Start Up **OFF**

Enable UCP Server **ON**

NTP Synchronization **OFF**

NTP Server **---**

Time Zone **UTC**

Local Date and Time **11/11/2**

Operating Time **5654 h.**

INPUT PORTS

1 - 4 5 - 8 9 - 12 13 - 16 17 - 20 21 - 24

OUTPUT PORTS

1 - 4 5 - 8 9 - 12 13 - 16 17 - 20 21 - 24

Online and Unused Device List

PAGENET 192.168.0.200 : 2210 PAGENETDN

D
C
U
P



EclerNet Manager - New Project*

File Edit UCP Server View Help

Explorer Design Deploy Users Settings Lock Panic ecler

Project Explorer (192.168.0.100 - MIMO40...)

- Devices (1 groups)
 - All (1)
 - MIMO4040DN MIMO4040DN
- Channels (1 groups)
- User Control Panels (0 Panels)

Device: MIMO4040DN

MIMO4040DN

PRESET [] PHONES **MTX_OUT1 : AOUT1**

Device Inputs Matrix Outputs Pagers/Duckers GPIOs

NETWORK

Ethernet MAC **00-30-D6-1D-8E-B1**

IP Address **192.168.0.100**

UDP Port **2210**

Subnet Mask **255.255.255.0**

Gateway **192.168.0.1**

CONFIG

Preset 1 Start Up **OFF**

Enable UCP Server **ON**

NTP Synchronization **OFF**

NTP Server **---**

Time Zone **UTC**

Local Date and Time **11/11/2**

Operating Time **5654 h.**

INPUT PORTS

1 - 4 5 - 8 9 - 12 13 - 16 17 - 20 21 - 24

OUTPUT PORTS

1 - 4 5 - 8 9 - 12 13 - 16 17 - 20 21 - 24

Online and Unused Device List

PAGENET 192.168.0.200 : 2210 PAGENETDN

D
C
U
P

EclerNet Manager - New Project*

File Edit **UCP Server** View Help

Connect and send...
Connect and get...
Disconnect...
Update project...

gn Deploy

Users Settings Lock Panic ecler

Device : MIMO4040DN

MIMO4040DN

PRESET

PHONES **MTX_OUT1 : AOUT1**

Device Inputs Matrix Outputs Pagers/Duckers GPUs

Ethernet MAC **00-30-D6-1D-8E-B1**

CONFIG

Preset 1 Start Up **OFF**

Enable UCP Server **ON**

NTP Synchronization **OFF**

NTP Server ---

Time Zone **UTC**

Local Date and Time **11/11/2**

Operating Time **5654 h.**

UCP Server Progress

Sending project to UCP Server
Please wait...

Cancel

Online and Unused Device

PAGENET
192.168.0.200 : 2210

INPUT PORTS

1 - 4 5 - 8 9 - 12 13 - 16 17 - 20 21 - 24

OUTPUT PORTS

1 - 4 5 - 8 9 - 12 13 - 16 17 - 20 21 - 24

EclerNet Manager - New Project

File Edit UCP Server View Help

Explorer Design Deploy Users Settings Lock Panic ecler

Project Explorer (192.168.0.18 - Local)

- Devices (1 groups)
 - All (0)
- Channels (1 groups)
- User Control Panels (0 Panels)

Groups from Device Container

All POWER OFF ON

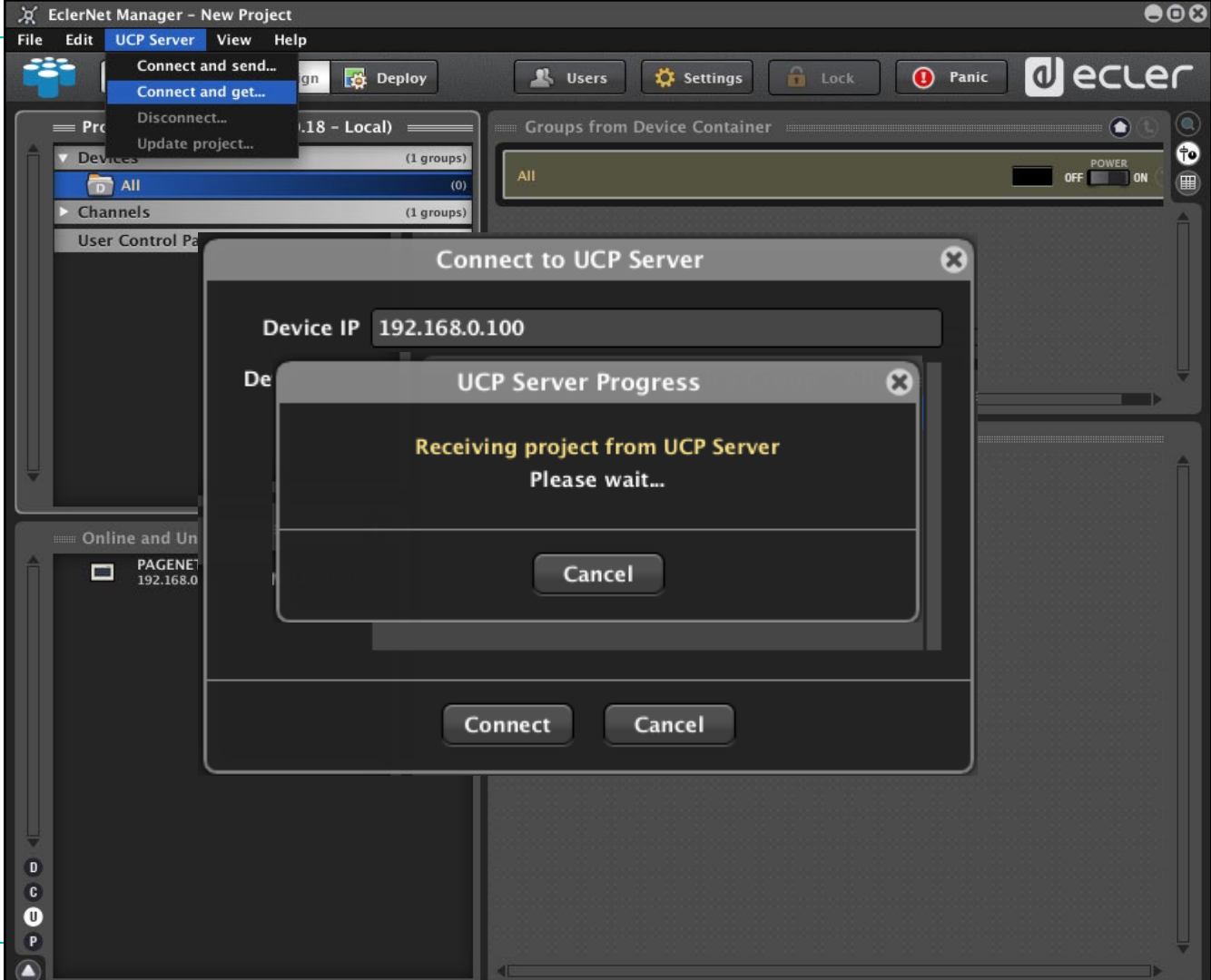
Members from Device Group : All

Online and Unused Device List

<input type="checkbox"/>	PAGENET 192.168.0.200 : 2210	PAGENETDN
--------------------------	---------------------------------	-----------

D
C
U
P

The screenshot shows the EclerNet Manager interface. On the left, the 'Project Explorer' pane is highlighted with a red box and contains a tree view with 'Devices' (1 group), 'Channels' (1 group), and 'User Control Panels' (0 Panels). The 'All' group under 'Devices' is selected. Below it, the 'Online and Unused Device List' pane shows a single device entry: 'PAGENET' with IP '192.168.0.200 : 2210' and status 'PAGENETDN'. A red box highlights the empty space below this entry. The main right pane shows 'Groups from Device Container' with 'All' selected and a power control toggle. Below that, the 'Members from Device Group : All' section is empty. The top navigation bar includes 'Explorer', 'Design', 'Deploy', 'Users', 'Settings', 'Lock', and 'Panic' buttons, along with the 'ecler' logo.



EclerNet Manager - New Project*

File Edit UCP Server View Help

Explorer Design Deploy Users Settings Lock Panic ecler

Project Explorer (192.168.0.100 - MIMO40...)

- Devices (1 groups)
 - All (1)
 - MIMO4040DN MIMO4040DN
- Channels (1 groups)
- User Control Panels (1 Panels)

Device: MIMO4040DN

MIMO4040DN

PRESET: [] PHONES: MTX_OUT1 : AOUT1

Device Inputs Matrix Outputs Pagers/Duckers GPIOs

NETWORK	Ethernet MAC	00-30-D6-1D-8E-B1	CONFIG	Preset 1 Start Up	OFF
	IP Address	192.168.0.100		Enable UCP Server	ON
	UDP Port	2210		NTP Synchronization	OFF
	Subnet Mask	255.255.255.0		NTP Server	---
	Gateway	192.168.0.1		Time Zone	UTC
			Local Date and Time	11/11/2	
			Operating Time	5654 h.	

INPUT PORTS

1 - 4	5 - 8	9 - 12	13 - 16	17 - 20	21 - 24
-------	-------	--------	---------	---------	---------

OUTPUT PORTS

1 - 4	5 - 8	9 - 12	13 - 16	17 - 20	21 - 24
-------	-------	--------	---------	---------	---------

Online and Unused Device List

<input type="checkbox"/>	PAGENET 192.168.0.200 : 2210	PAGENETDN
--------------------------	---------------------------------	-----------

D
C
U
P

EclerNet Manager - New Project*

File Edit UCP Server View Help

Explorer Design Deploy Users Settings Lock Panic ecler

Project Explorer (192.168.0.100 - MIMO40...)

- Devices (1 groups)
 - All Device "PAGENET" (1)
 - MIMO4040DN MIMO4040DN
- Channels (1 groups)
- User Control Panels (1 Panels)

Online and Unused Device List

PAGENET	PAGENETDN
192.168.0.200 : 2210	

Device : MIMO4040DN

MIMO4040DN

PRESET PHONES MTX_OUT1 : AOUT1

Device Inputs Matrix **Outputs** Pagers/Duckers GPIs

MTX_OUT18 : DOUT10
 MTX_OUT19 : DOUT11
 MTX_OUT20 : DOUT12
 MTX_OUT21 : DOUT13
 MTX_OUT22 : DOUT14
 MTX_OUT23 : DOUT15
 MTX_OUT24 : DOUT16
 MTX_OUT25 : DOUT17
 MTX_OUT26 : DOUT18
 MTX_OUT27 : DOUT19
 MTX_OUT28 : DOUT20
 MTX_OUT29 : DOUT21
 MTX_OUT30 : DOUT22
 MTX_OUT31 : DOUT23
 MTX_OUT32 : DOUT24
 MTX_OUT33 : DOUT25
 MTX_OUT34 : DOUT26
 MTX_OUT35 : DOUT27
 MTX_OUT36 : DOUT28
 MTX_OUT37 : DOUT29
 MTX_OUT38 : DOUT30
 MTX_OUT39 : DOUT31
 MTX_OUT40 : DOUT32

Output Port
 DOUT24 : DOUT24 N

M S Stereo
 P

OUTPUT

LIMITER

Gain
 0,0 dB

Delay
 0,00 ms

XOVER LOW PASS

Type
 Bypass

Frequency

EclerNet Manager - New Project*

File Edit UCP Server View Help

Explorer Design Deploy Users Settings Lock Panic ecler

Project Explorer (192.168.0.100 - MIMO40...)

- Devices (1 groups)
 - All (2)
 - MIMO4040DN MIMO4040DN
 - PAGENET PAGENETDN**
 - Channels (1 groups)
 - User Control Panels (1 Panels)

Device: PAGENET FIRMWARE v1.07r1

CONFIG

ENABLE UCP SERVER	YES
DISPLAY MODE	DIMMED
BACKLIGHT INTENSITY	50
AUTO-ZOOM PANELS	YES
SECURE MODE	YES
SHOW PANEL OSD BUTTONS	---
SCROLL BY OSD BUTTONS	---
SCROLL BY SWIPE	---
PAGE LINK SCROLL	YES

NETWORKING

ETHERNET MAC	20-18-0E-E1-B5-39
IP ADDRESS	192.168.0.200
UDP PORT	2210
SUBNET MASK	255.255.255.0
GATEWAY	192.168.0.1

UCP PANELS

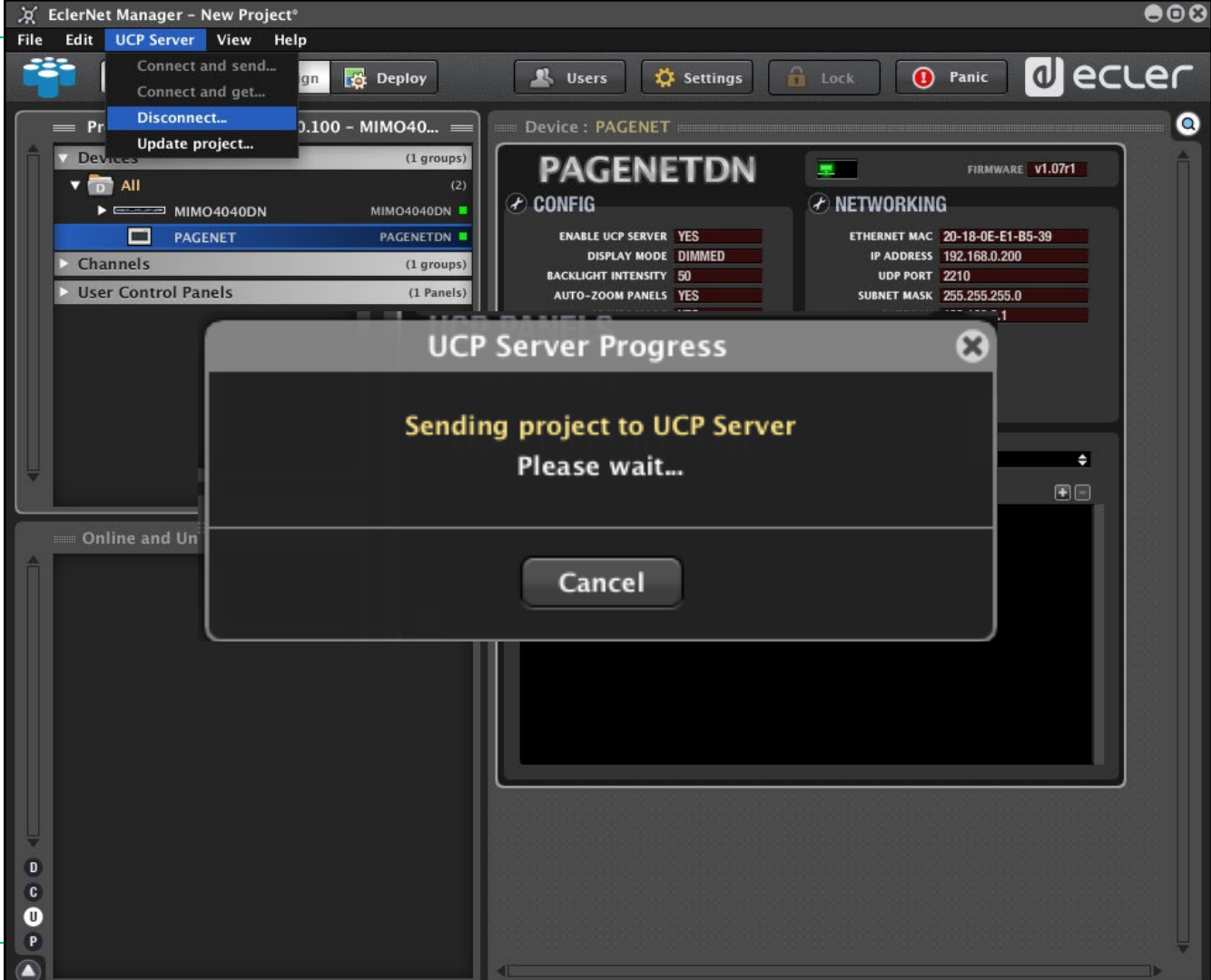
START-UP PANEL: None

ENABLED PANELS LIST

[Empty list area]

Online and Unused Device List

D
C
U
P



EclerNet Manager - New Project*

File Edit UCP Server View Help

Explorer Design Deploy Users Settings Lock Panic ecler

Project Explorer (192.168.0.18 - Local)

- Devices (1 groups)
 - All (0)
- Channels (1 groups)
- User Control Panels (0 Panels)

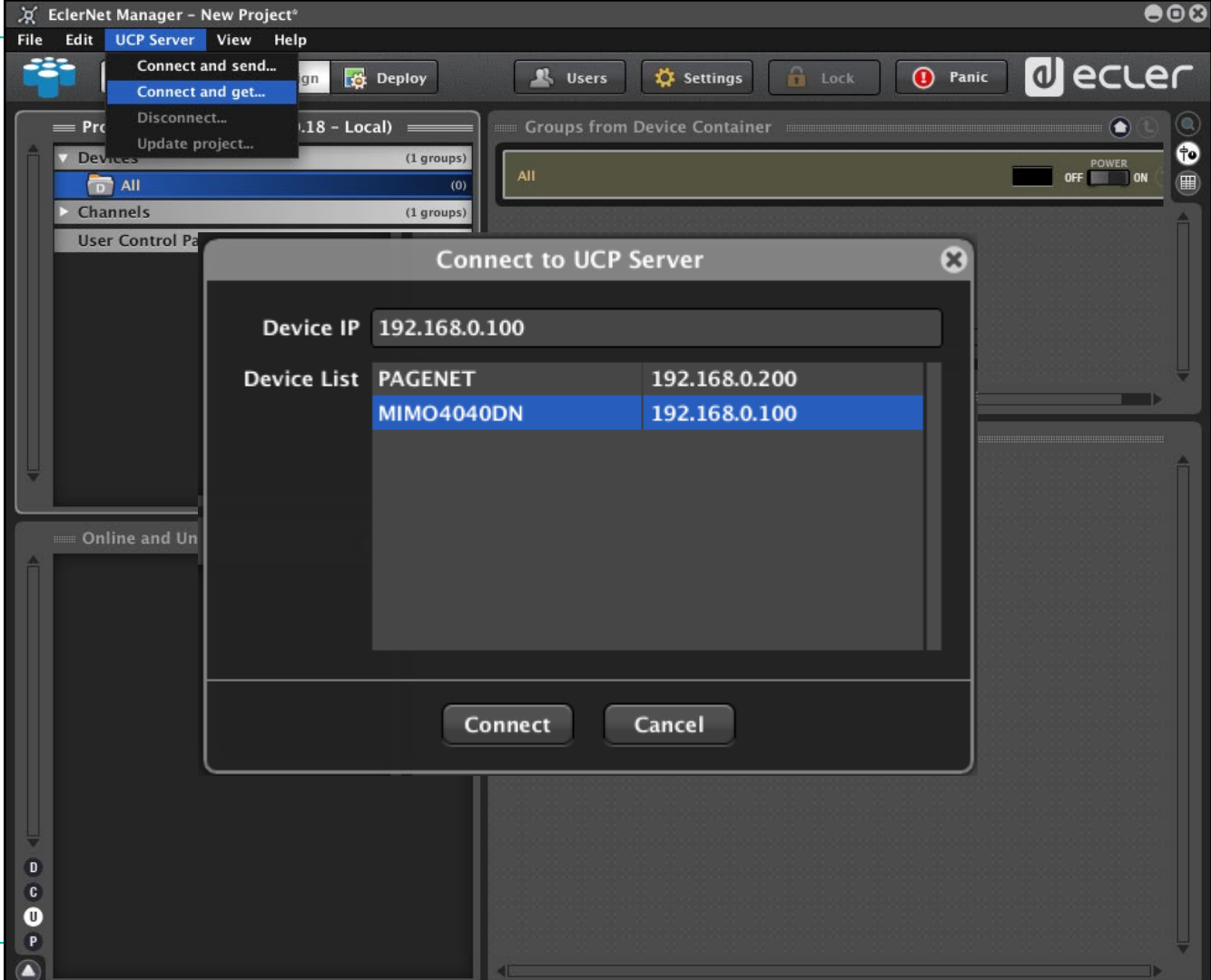
Groups from Device Container

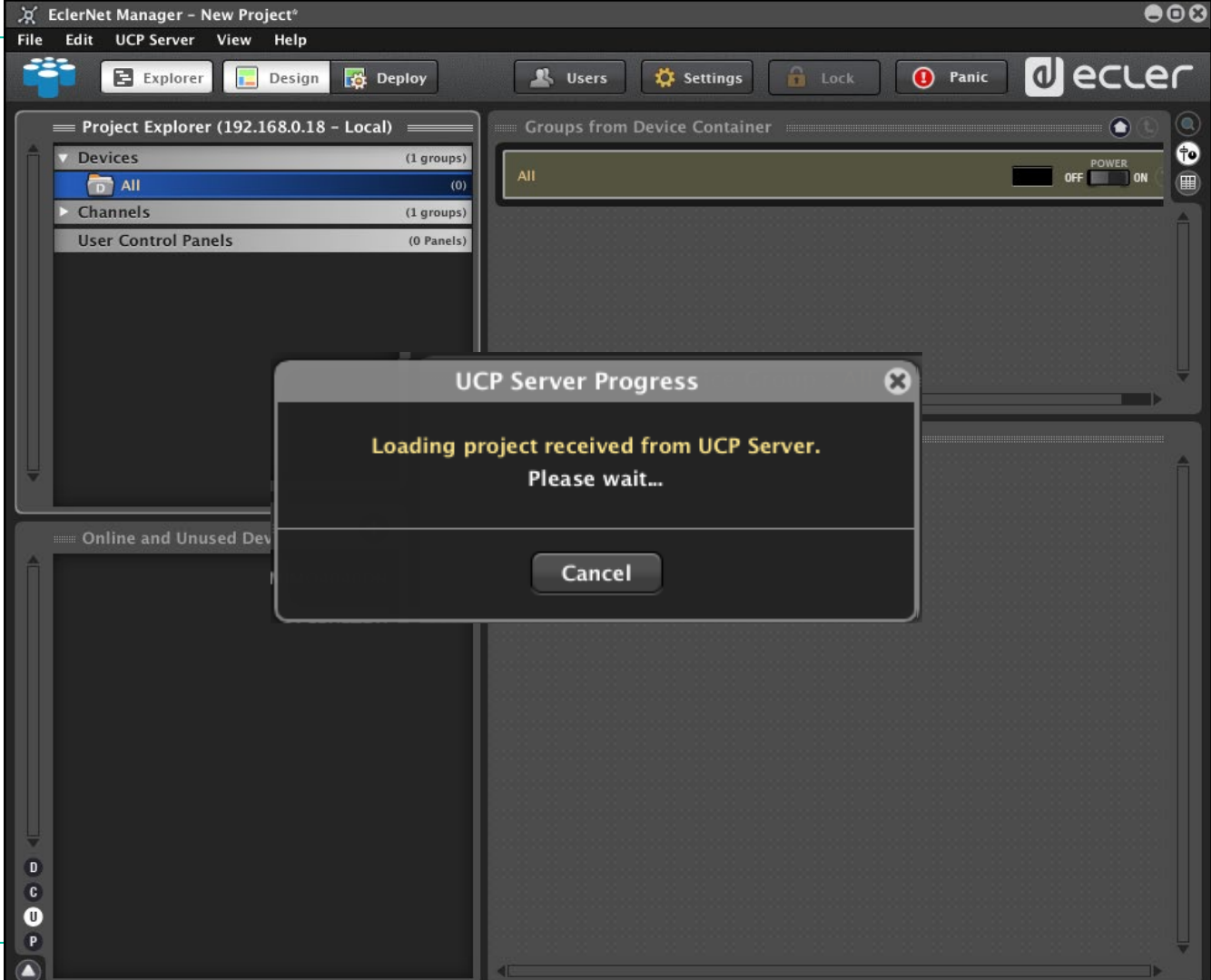
All POWER OFF ON

Members from Device Group : All

Online and Unused Device List

D
C
U
P





EclerNet Manager - New Project*

File Edit UCP Server View Help

Explorer Design Deploy Users Settings Lock Panic ecler

Project Explorer (192.168.0.100 - MIMO40...

- Devices (1 groups)
 - All (2)
 - MIMO4040DN MIMO4040DN
 - PAGENET PAGENETDN**
 - Channels (1 groups)
 - User Control Panels (1 Panels)

Device: PAGENET FIRMWARE v1.07r1

CONFIG

ENABLE UCP SERVER	YES
DISPLAY MODE	DIMMED
BACKLIGHT INTENSITY	50
AUTO-ZOOM PANELS	YES
SECURE MODE	YES
SHOW PANEL OSD BUTTONS	---
SCROLL BY OSD BUTTONS	---
SCROLL BY SWIPE	---
PAGE LINK SCROLL	YES

NETWORKING

ETHERNET MAC	20-18-0E-E1-B5-39
IP ADDRESS	192.168.0.200
UDP PORT	2210
SUBNET MASK	255.255.255.0
GATEWAY	192.168.0.1

UCP PANELS

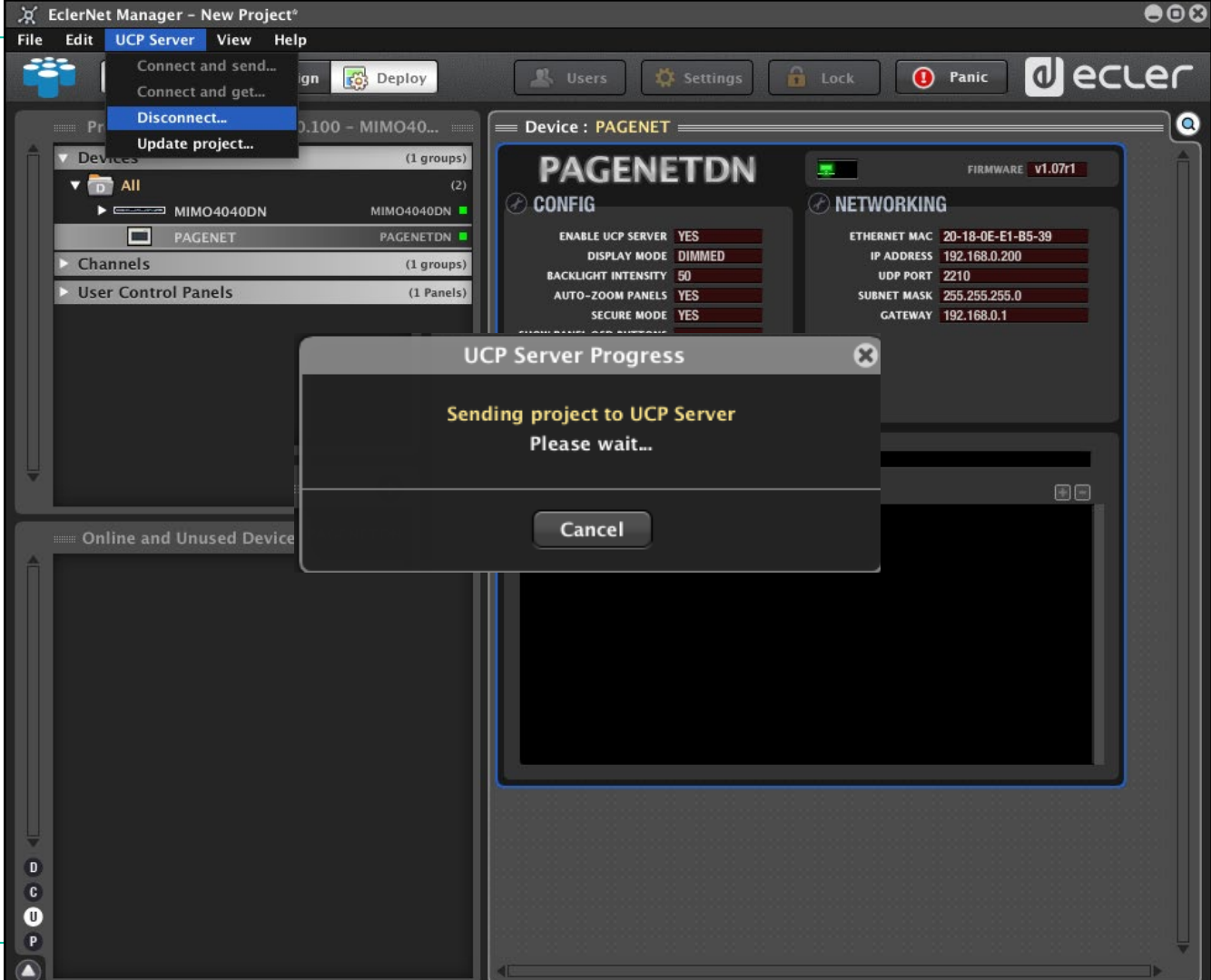
START-UP PANEL None

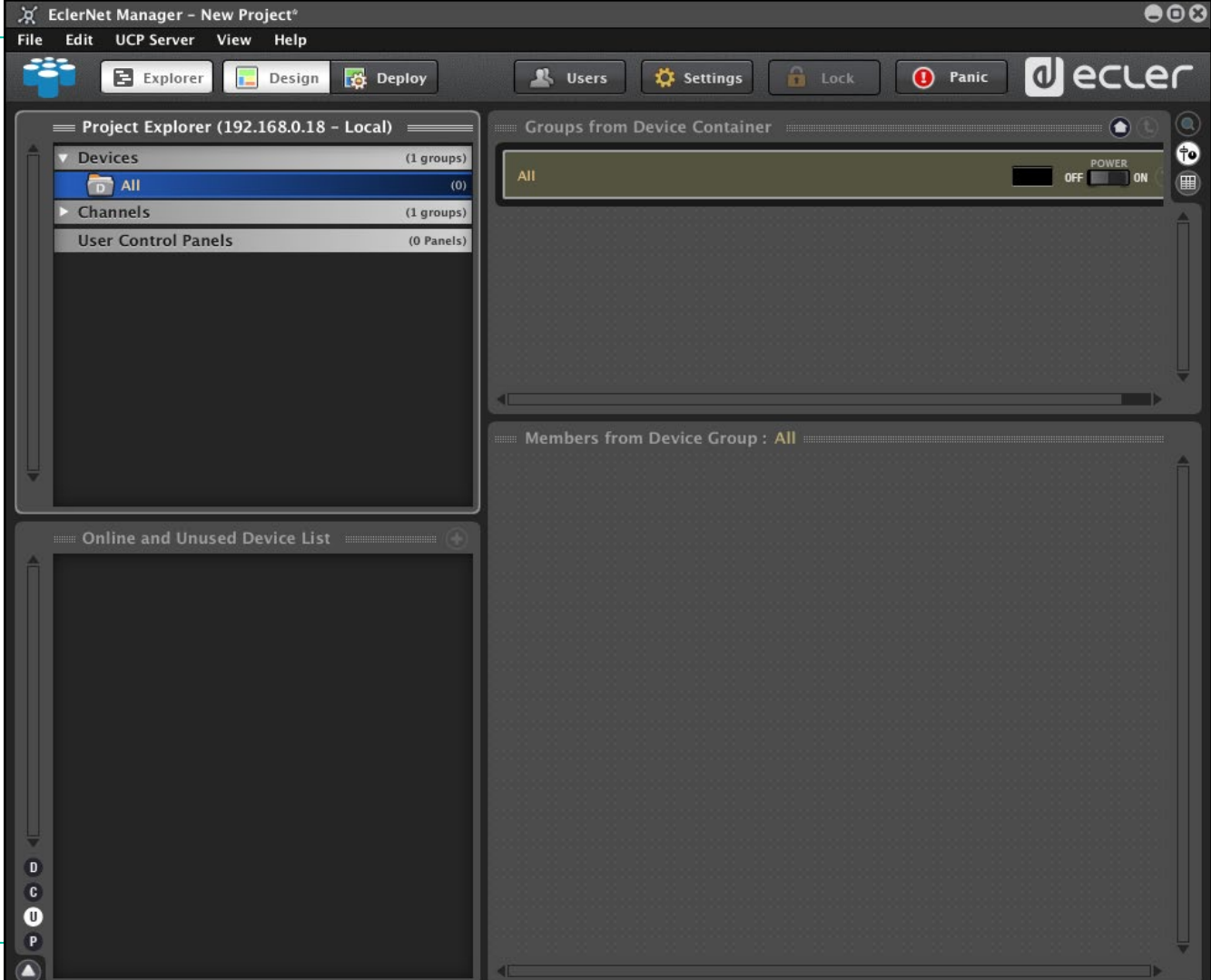
ENABLED PANELS LIST

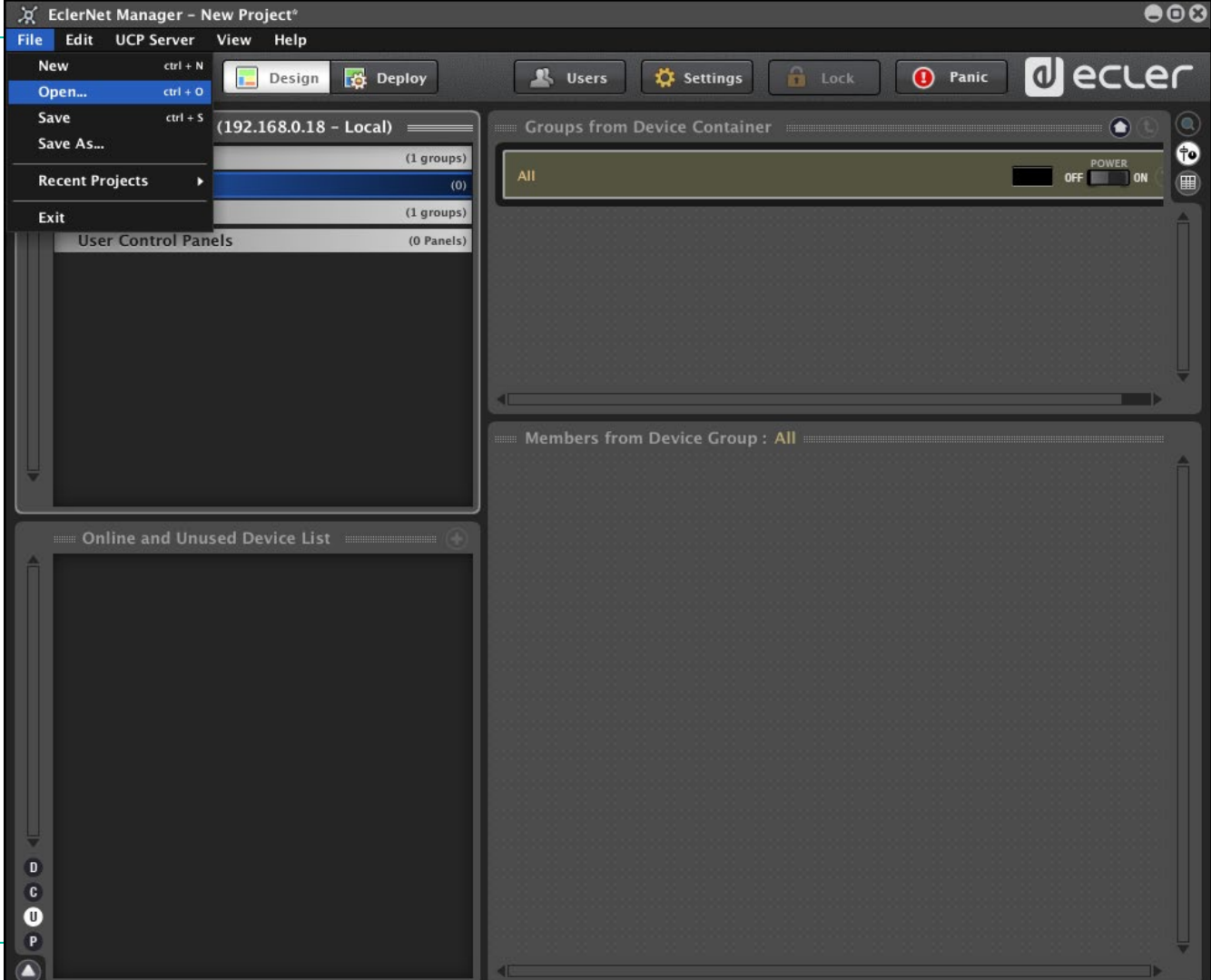
[Empty list area]

Online and Unused Device List

D
C
U
P







EclerNet Manager - Test*

File Edit UCP Server View Help

Explorer Design Deploy Users Settings Lock Panic ecler

Project Explorer (192.168.0.18 - Local)

- Devices (1 groups)
 - All (2)
 - MIMO4040DN MIMO4040DN
 - PAGENET PAGENETDN
- Channels (1 groups)
- User Control Panels (1 Panels)

Online and Unused Device List

Device : MIMO4040DN

MIMO4040DN

PRESET 01 - EMPTY PRESET 01

PHONES MTX_OUT1 : AOUT1

Device Inputs Matrix **Outputs** Pagers/Duckers GPIs

MTX_OUT18 : DOUT10
 MTX_OUT19 : DOUT11
 MTX_OUT20 : DOUT12
 MTX_OUT21 : DOUT13
 MTX_OUT22 : DOUT14
 MTX_OUT23 : DOUT15
 MTX_OUT24 : DOUT16
 MTX_OUT25 : DOUT17
 MTX_OUT26 : DOUT18
 MTX_OUT27 : DOUT19
 MTX_OUT28 : DOUT20
 MTX_OUT29 : DOUT21
 MTX_OUT30 : DOUT22
 MTX_OUT31 : DOUT23
 MTX_OUT32 : DOUT24
 MTX_OUT33 : DOUT25
 MTX_OUT34 : DOUT26
 MTX_OUT35 : DOUT27
 MTX_OUT36 : DOUT28
 MTX_OUT37 : DOUT29
 MTX_OUT38 : DOUT30
 MTX_OUT39 : DOUT31
 MTX_OUT40 : DOUT32

Output Port
 DOUT24 : DOUT24 N

M S Stereo
 P

OUTPUT

LIMITER

Gain
 0,0 dB

Delay
 0,00 ms

XOVER

LOW PASS

Type
 Bypass

Frequency

D
 C
 U
 P



EclerNet Manager - Test*

File Edit UCP Server View Help

Explorer Design Deploy Users Settings Lock Panic ecler

Project Explorer (192.168.0.100 - MIMO40...)

- Devices (1 groups)
 - All (2)
 - MIMO4040DN MIMO4040DN
 - PAGENET PAGENETDN
 - Channels (1 groups)
 - User Control Panels (1 Panels)

Device: MIMO4040DN

MIMO4040DN

PRESET PHONES MTX_OUT1 : AOUT1

Device Inputs Matrix **Outputs** Pagers/Duckers GPIs

MTX_OUT1 : AOUT1
 MTX_OUT2 : AOUT2
 MTX_OUT3 : AOUT3
 MTX_OUT4 : AOUT4
 MTX_OUT5 : AOUT5
 MTX_OUT6 : AOUT6
 MTX_OUT7 : AOUT7
 MTX_OUT8 : AOUT8
 MTX_OUT9 : DOUT1
 MTX_OUT10 : DOUT2
 MTX_OUT11 : DOUT3
 MTX_OUT12 : DOUT4
 MTX_OUT13 : DOUT5
 MTX_OUT14 : DOUT6
 MTX_OUT15 : DOUT7
 MTX_OUT16 : DOUT8
 MTX_OUT17 : DOUT9
 MTX_OUT18 : DOUT10
 MTX_OUT19 : DOUT11
 MTX_OUT20 : DOUT12
 MTX_OUT21 : DOUT13
 MTX_OUT22 : DOUT14
 MTX_OUT23 : DOUT15

Output Port: AOUT1 : AOUT1 Channel "AOUT1"

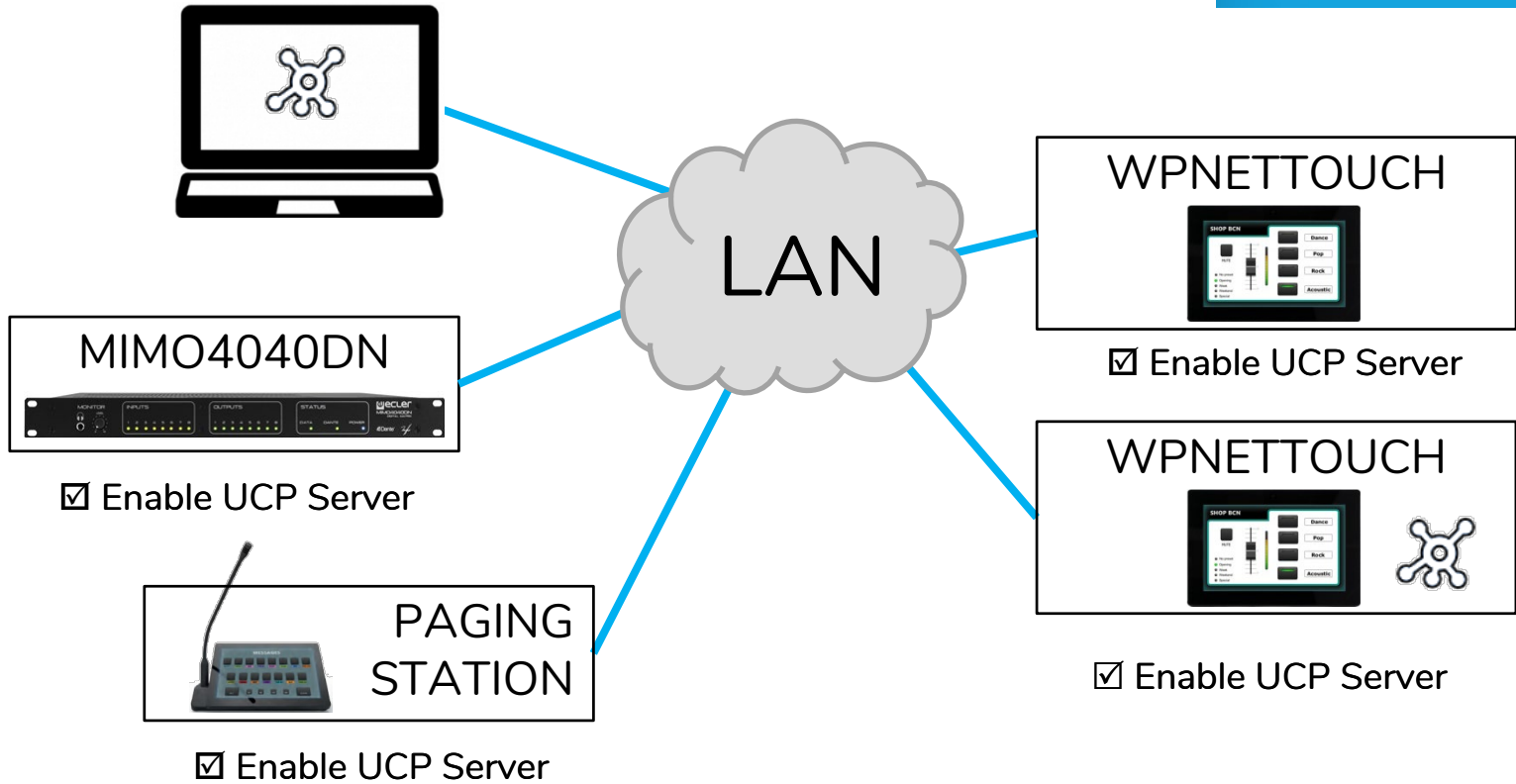
M S Stereo
 P
 OUTPUT
 0
 -10
 -20
 -30
 -40
 -50
 Gain
 0,0 dB
 Delay
 0,00 ms
 LIMITER

XOVER LOW PASS
 Type
 Bypass
 Frequenc

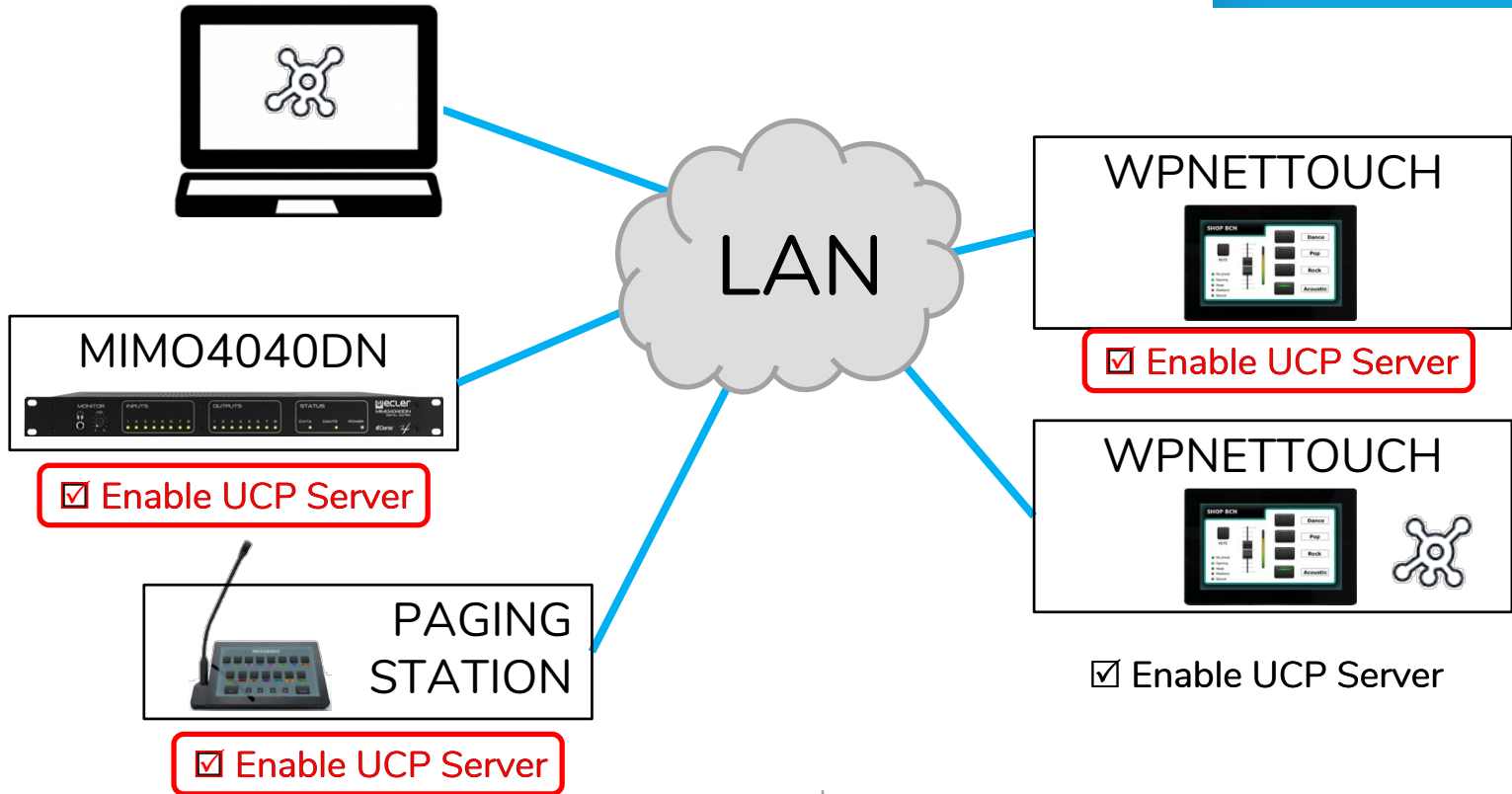
Online and Unused Device List

D
 C
 U
 P

Working with UCP Server



Working with UCP Server



EclerNet Manager: User Control Panels (UCP) DESIGN

BUILDING1



RECEPTION

RECEPTION control panel with buttons A, B, C, P, and MUTE, and a volume slider.

Buttons: A, B (with green indicator), C, P, MUTE.

Volume slider: 0 to 10.

MESSAGE ROOM

MESSAGE ROOM control panel with buttons A, B, C, P, and MUTE, and a volume slider.

Buttons: A, B, C, P, MUTE (with red indicator).

Volume slider: 0 to 10.

SPA

SPA control panel with buttons A, B, C, P, and MUTE, and a volume slider.

Buttons: A, B, C, P, MUTE (with red indicator).

Volume slider: 0 to 10.

MAIN POOL

MAIN POOL control panel with buttons A, B, C, P, and MUTE, and a volume slider.

Buttons: A, B, C, P, MUTE (with red indicator).

Volume slider: 0 to 10.



Project Explorer (192.168.0.18...)

- Devices (1 groups)
- Channels (1 groups)
- User Control Panels (4 Panels)**
 - BASIC 800x480 (3 pages)
 - VOL/SRC 1 ZONE (3 controls)**
 - PICTURE IMAGE
 - TITLE AND CON... (6 controls)
 - SOURCES (4 controls)
 - RADIOS (10 controls)
 - ins RECTANGLE
 - Radio1 BUTTON
 - Radios STATIC TEXT

Properties

Type Panel Control: BUTTON

Name Radio1

Parameter /Devices/MIMO4040...

Push Only

Data ---

Reverse

File button_mid_black_sq...

Opacity 1,00

Visible

Locked

X 565

Y 125

D
C
U
P

Panel Page : VOL/SRC 1 ZONE



PROJECT



VOLUME

Radios

- 1
- 2
- 3
- 4
- ePLAY1
- PC 1 WIN
- PC 2 MAC

MUTE

User Control Panel

localhost

User Control Panels

Connected to localhost

User Control Panels disabled:
Server is currently in design mode.

ecler



Explorer

Design

Deploy

Users

Settings

Lock

Panic



Project Explorer (192.168.0.18...)

- ▶ Devices (1 groups)
- ▶ Channels (1 groups)
- ▼ User Control Panels (4 Panels)
 - ▼ BASIC 800x480 (3 pages)
 - ▼ VOL/SRC 1 ZONE (3 controls)
 - PICTURE IMAGE
 - ▶ TITLE AND CON... (6 controls)
 - ▼ SOURCES (4 controls)
 - ▼ RADIOS (10 controls)
 - ins RECTANGLE
 - Radio1 BUTTON
 - Radios STATIC TEXT

Properties

- Type Panel Control: BUTTON
- Name Radio1
- Parameter /Devices/MIMO4040...
- Push Only
- Data ---
- Reverse
- File button_mid_black_sq...
- Opacity 1,00
- Visible
- Locked
- X 565
- Y 125

Panel Page : VOL/SRC 1 ZONE

PROJECT

VOLUME

Radios

1

2

3

4

ePLAY1

PC 1 WIN

PC 2 MAC

MUTE

User Control Panel

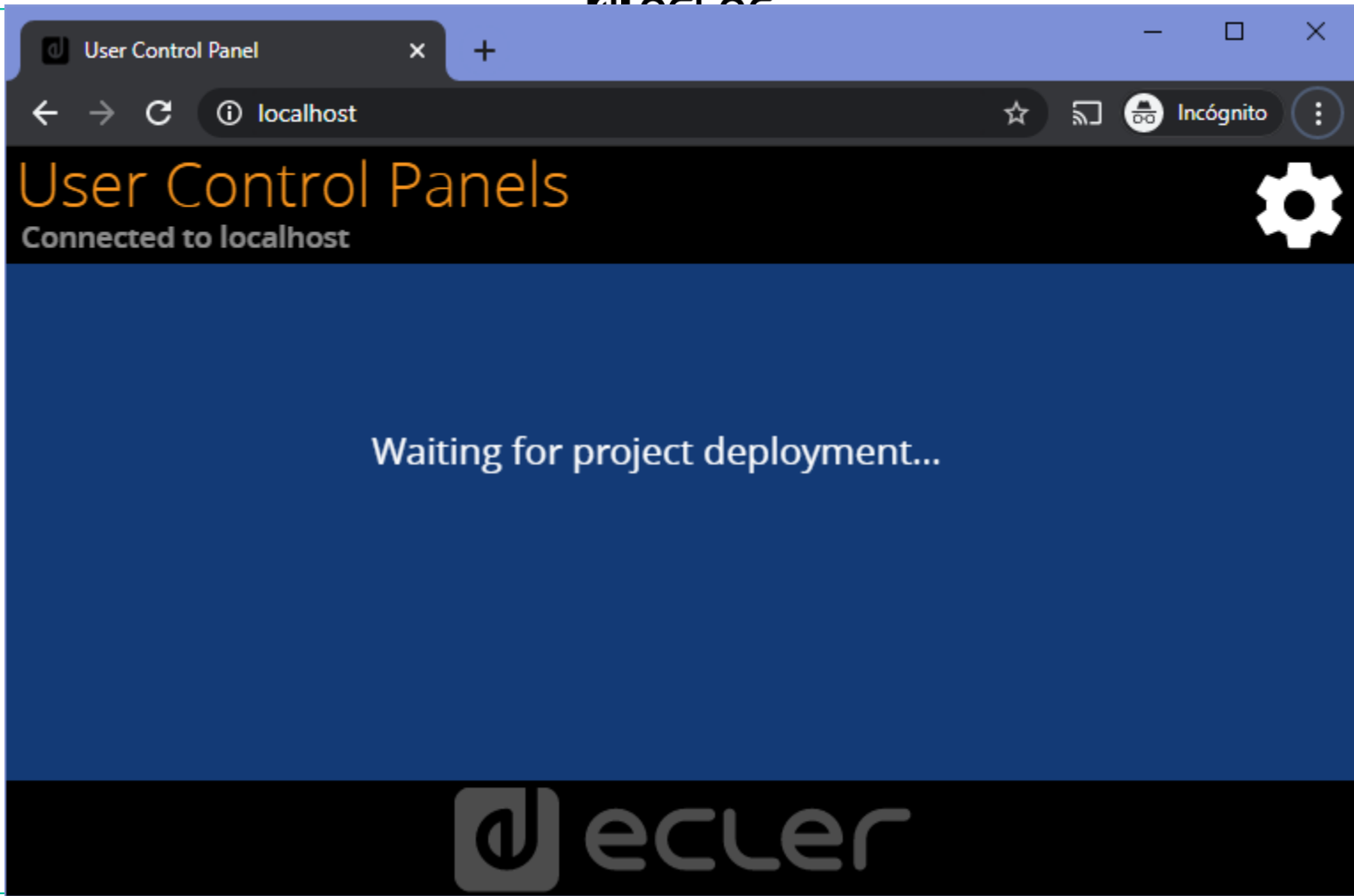
localhost

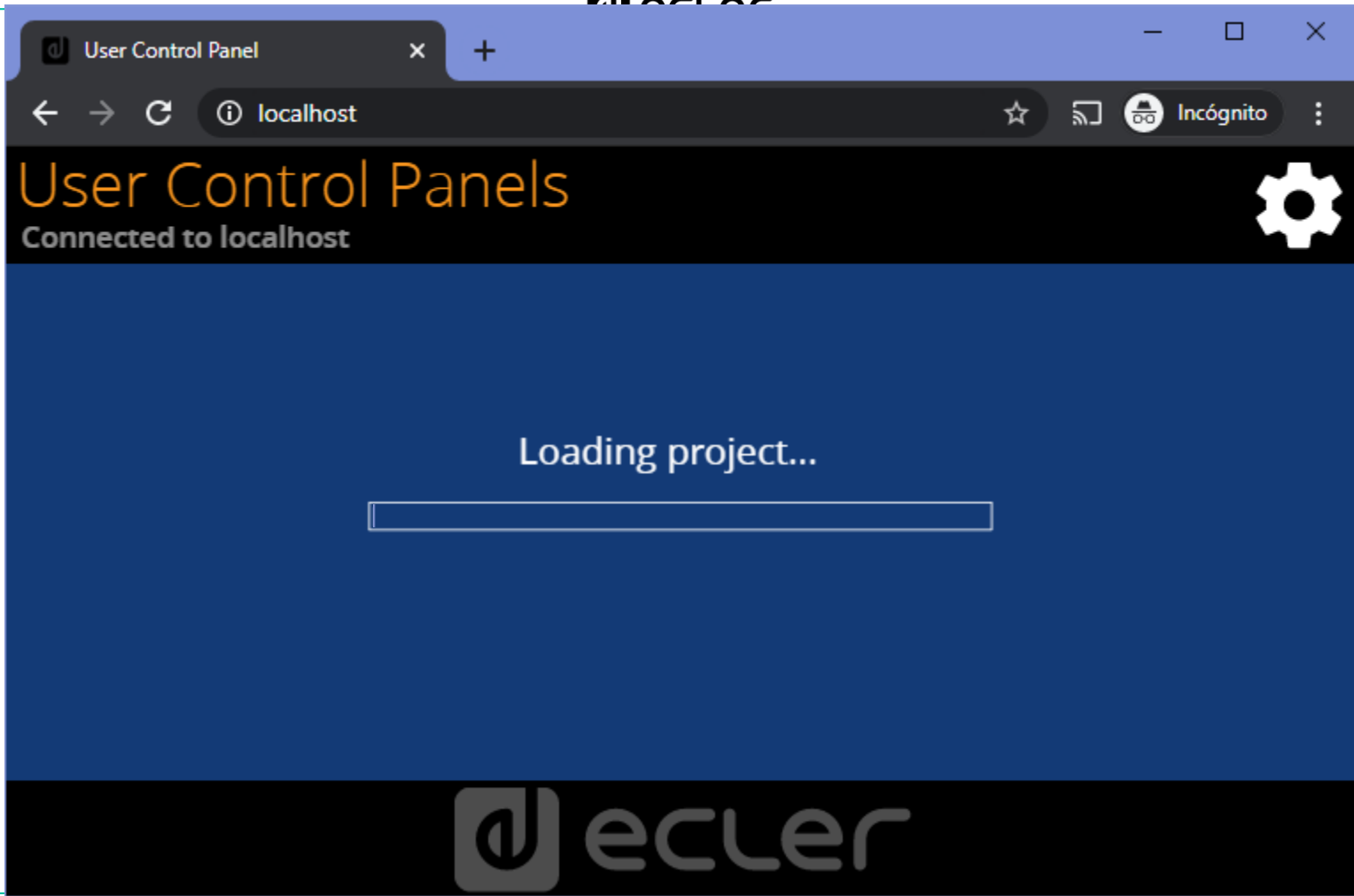
User Control Panels

Connected to localhost

User Control Panels disabled:
Server is currently in design mode.

ecler






User Control Panel

localhost


User Control Panels

Connected to localhost






BASIC 800x480
3 Pages
800 x 480



UCP VIDEO AUDIO
1 Page
1280 x 800



CONTROLS LIBRARY
20 Pages
800 x 480

← ecler →

PROJECT



VOLUME

Radios

1 2

3 4

ePLAY1

PC 1 WIN

PC 2 MAC

MUTE

6. UCP: Panels, Pagers and Layers

Panel

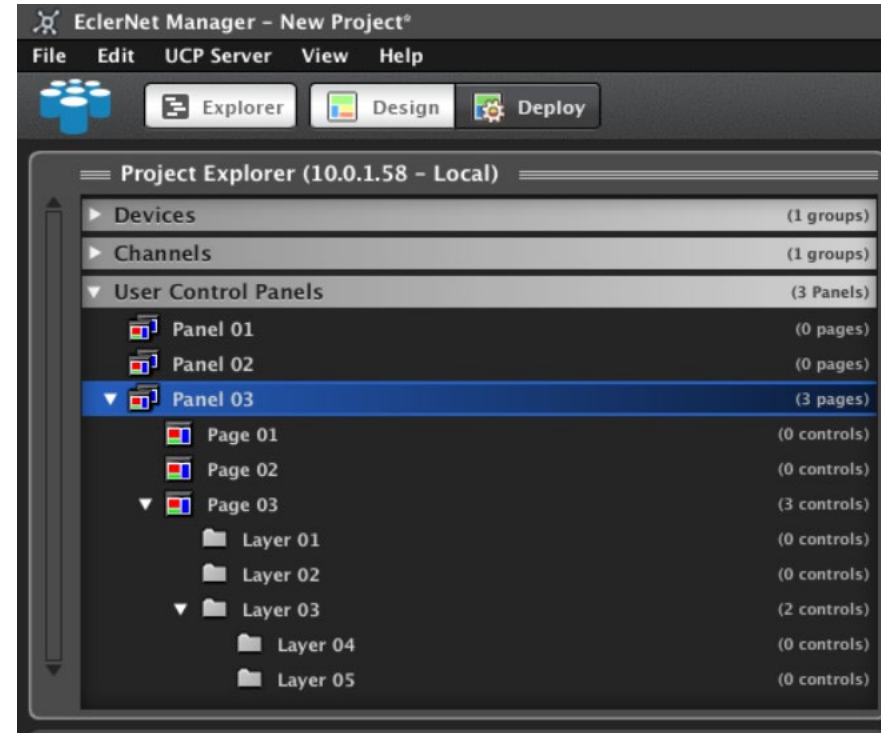
- Defines Resolution
- Defines Users
- Place to insert pages

Page

- Defines Background
- Place to insert controls and layers

Layers

- Place to insert controls and layers





Project Explorer (192.168.0.18...)

- ▶ Devices (1 groups)
- ▶ Channels (1 groups)
- ▼ User Control Panels (4 Panels)
 - ▶ BASIC 800x480 (3 pages)
 - ▶ VOL/SRC 1 ZONE (3 controls)
 - ▶ PICTURE IMAGE
 - ▶ TITLE AND CON... (6 controls)
 - ▶ SOURCES (4 controls)
 - ▶ RADIOS (10 controls)
 - ins RECTANGLE
 - Radio1 BUTTON
 - Radios STATIC TEXT

Properties

Type Panel Control: BUTTON

Name Radio1

Parameter /Devices/MIMO4040...

Push Only

Data ---

Reverse

File button_mid_black_sq...

Opacity 1,00

Visible

Locked

X 565

Y 125

Panel Page : VOL/SRC 1 ZONE

Panel content: ecler logo, VOLUME slider, MUTE button, PC 2 MAC button.

Context menu (left):

- Rename... F2
- Edit Comments...
- Copy ctrl + C
- Cut
- Paste
- Delete
- Add
- Add
- Add
- Move
- Move Down ctrl + down
- Empty
- Export Page...

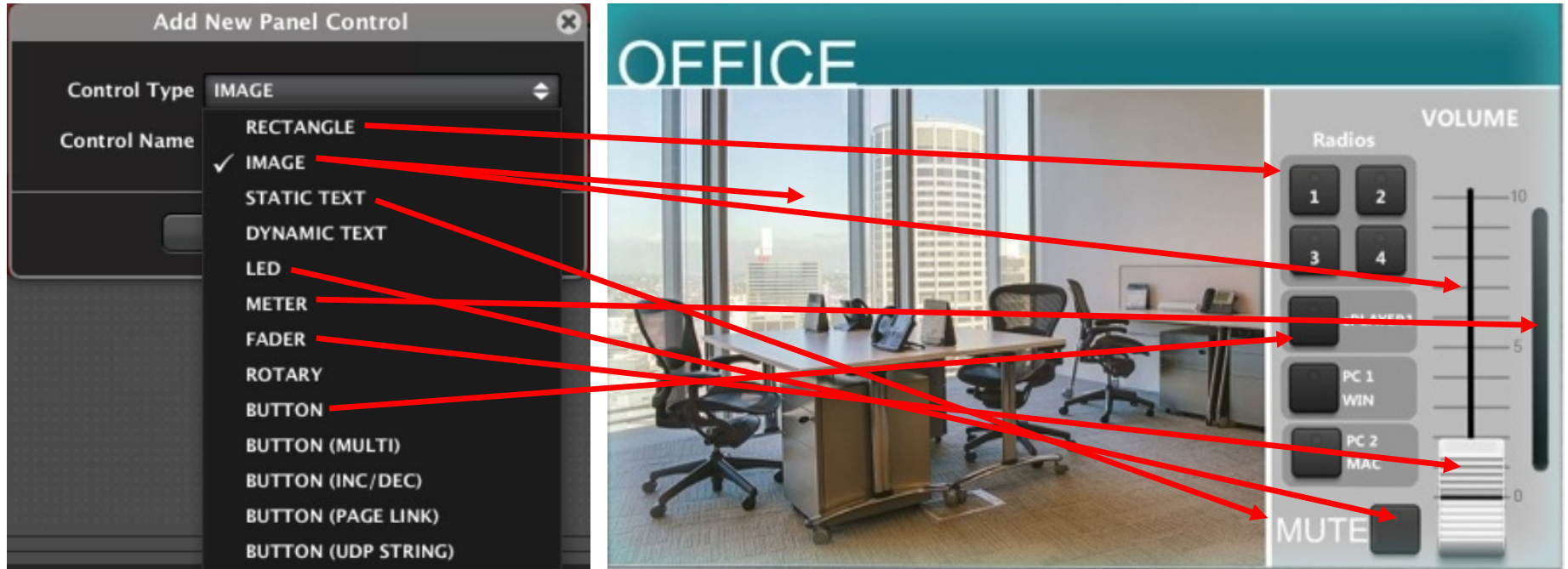
Dialog: Add New Panel Control

Control Type: IMAGE

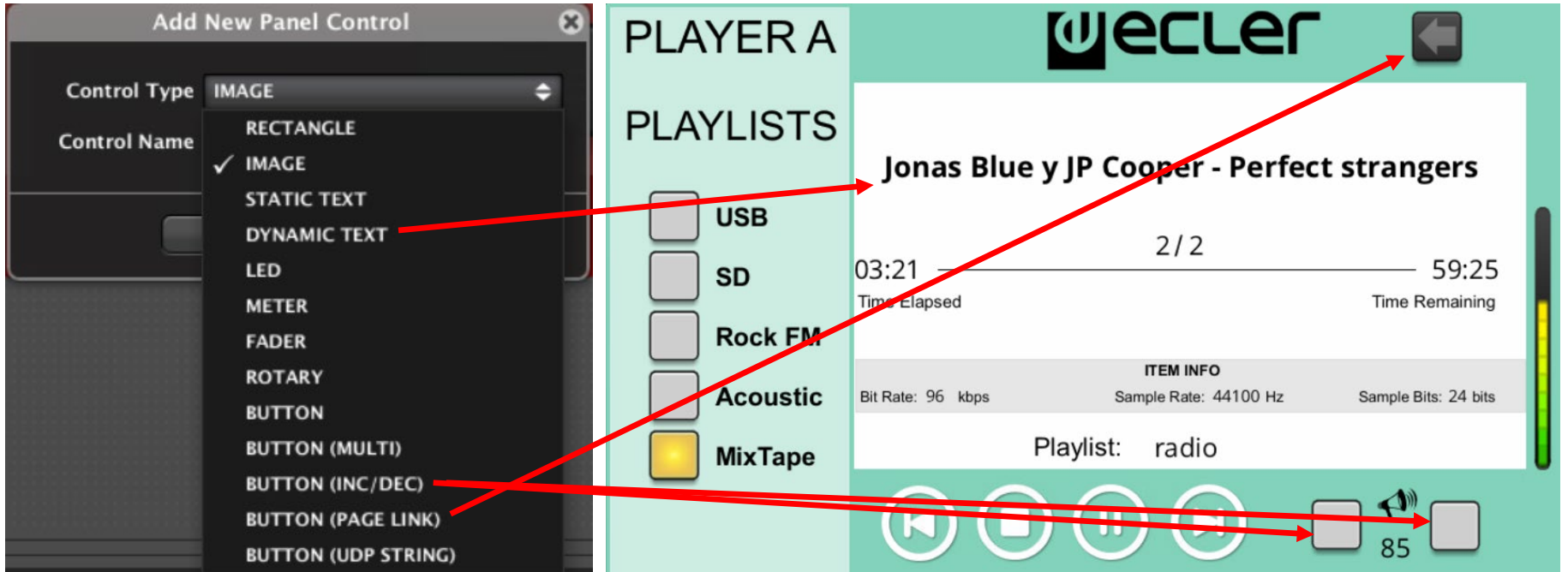
Control Name: Control 01

Buttons: OK, Cancel

6. UCP: Controls



6. UCP: Controls



The image displays the 'Add New Panel Control' dialog box on the left and the 'PLAYER A' player interface on the right. The dialog box shows a list of control types, with 'IMAGE' selected. The player interface shows the current track 'Jonas Blue y JP Cooper - Perfect strangers' and a playlist of radio stations.

Add New Panel Control Dialog:

- Control Type: IMAGE
- Control Name: (empty)
- Control Type List:
 - RECTANGLE
 - IMAGE (checked)
 - STATIC TEXT
 - DYNAMIC TEXT
 - LED
 - METER
 - FADER
 - ROTARY
 - BUTTON
 - BUTTON (MULTI)
 - BUTTON (INC/DEC)
 - BUTTON (PAGE LINK)
 - BUTTON (UDP STRING)

PLAYER A PLAYLISTS:

- USB
- SD
- Rock FM
- Acoustic
- MixTape (selected)

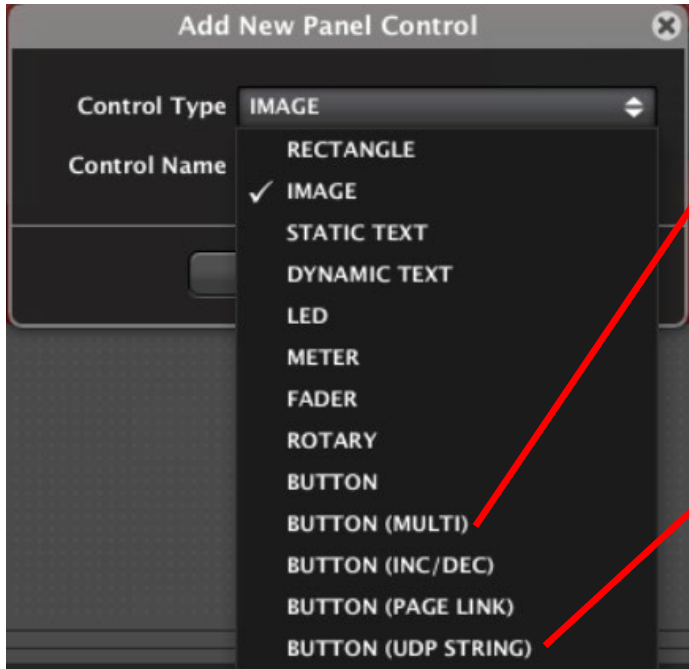
PLAYER A Interface:

- Logo: ecler
- Track: Jonas Blue y JP Cooper - Perfect strangers
- Progress: 03:21 / 59:25 (Time Elapsed / Time Remaining)
- Item Info: Bit Rate: 96 kbps, Sample Rate: 44100 Hz, Sample Bits: 24 bits
- Playlist: radio
- Volume: 85

Red arrows indicate the mapping of controls from the dialog to the player interface:

- From 'IMAGE' in the dialog to the 'ecler' logo.
- From 'DYNAMIC TEXT' in the dialog to the track title.
- From 'BUTTON (INC/DEC)' in the dialog to the 'MixTape' playlist item.
- From 'BUTTON (PAGE LINK)' in the dialog to the volume control.

6. UCP: Controls



key that triggers a batch of actions with a single press

when pressed, it sends a defined UDP text string to the defined IP : port to control external (even third-party)

Project Explorer (192.168.0.18...)

- Devices (1 groups)
 - All (0)
- Channels (1 groups)
- User Control Panels (2 panels)
 - Panel 0: Paste (ctrl + V)
 - Panel 0: Add Panel...
 - Panel 0: Import Panel...

User Control Panels

Panel 01 Panel 02 Panel 03

Load Panel from

« EclerNET » setup_eclernet_manager_v6_00r2 ZIP » BASIC CONTROLS ENM » basic panels

Organizar Nueva carpeta

Nombre	Fecha de modificación	Tipo
Basic Panels 800 x 480.UCP_panel	11/11/2020 23:59	Archivo UCP_PAN...
Basic Panels 1280 x 800.UCP_panel	11/11/2020 23:59	Archivo UCP_PAN...
Basic Video Panels 1280 x 800.UCP_panel	11/11/2020 23:59	Archivo UCP_PAN...
Controls Library.UCP_panel	11/11/2020 23:59	Archivo UCP_PAN...

Nombre: Controls Library.UCP_panel Tipo: *.UCP_panel

Abrir Cancelar

Propiedades

Name User Control Panels



- Project Explorer (192.168.0.18...)
- START (8 controls)
 - USER GUIDE (4 controls)
 - ROTARY (14 controls)
 - BUTTON RECTANG (18 controls)
 - BUTTON SQUARE (16 controls)
 - LED RECTANG (29 controls)
 - LED ROUND (13 controls)
 - TRANSPORT CONT... (16 controls)
 - TRANSPORT CONT... (16 controls)
 - TRANSPORT CONT... (16 controls)
 - TRANSPORT CONT... (16 controls)
 - FADERS DF/MID & ... (13 controls)
 - FADERS LARGE & M... (9 controls)
 - FADERS XLARGE & ... (8 controls)
 - BUTTON NET STRI... (10 controls)
 - BUTTON MULTI (10 controls)
 - BUTTON PAGE LINK (16 controls)
 - BUTTON INC DEC (11 controls)
 - MISCELANEA (13 controls)**
 - MISCELANEA2 (4 controls)

Panel Page : MISCELANEA



Some of these examples may require fonts included in Microsoft Office Package

CHANNEL

MUTE

IN1

IN2

CHANNEL

ON/OFF



MICRO ON/OFF

PAGE LINK BAR 1

PAGE LINK BAR 2

Z1 Z2 Z3 Z4 Z5 Z6 Z7 Z8

ZONE

BUTTON

BUTTON

DUO-NET A

TITLE

REMAIN TIME

Titulo/Nombre fic Playlis

Play All
Play 1
Rep All
Rep 1

Properties

Type Panel Page

Name MISCELANEA

Visible

Locked

BASIC PANELS LIBRARY 1280x800



VEO-SWM45 SWITCH...



VEO-XTRI2L VWALL ...



VEO-XTRI2L VWALL ...



VEO-XTRI2L VWALL ...



VEO-XTRI1C VMATRI...



VEO-MXH44 VMATRI...



PLAYER A



VOL/SRC 1 ZONE

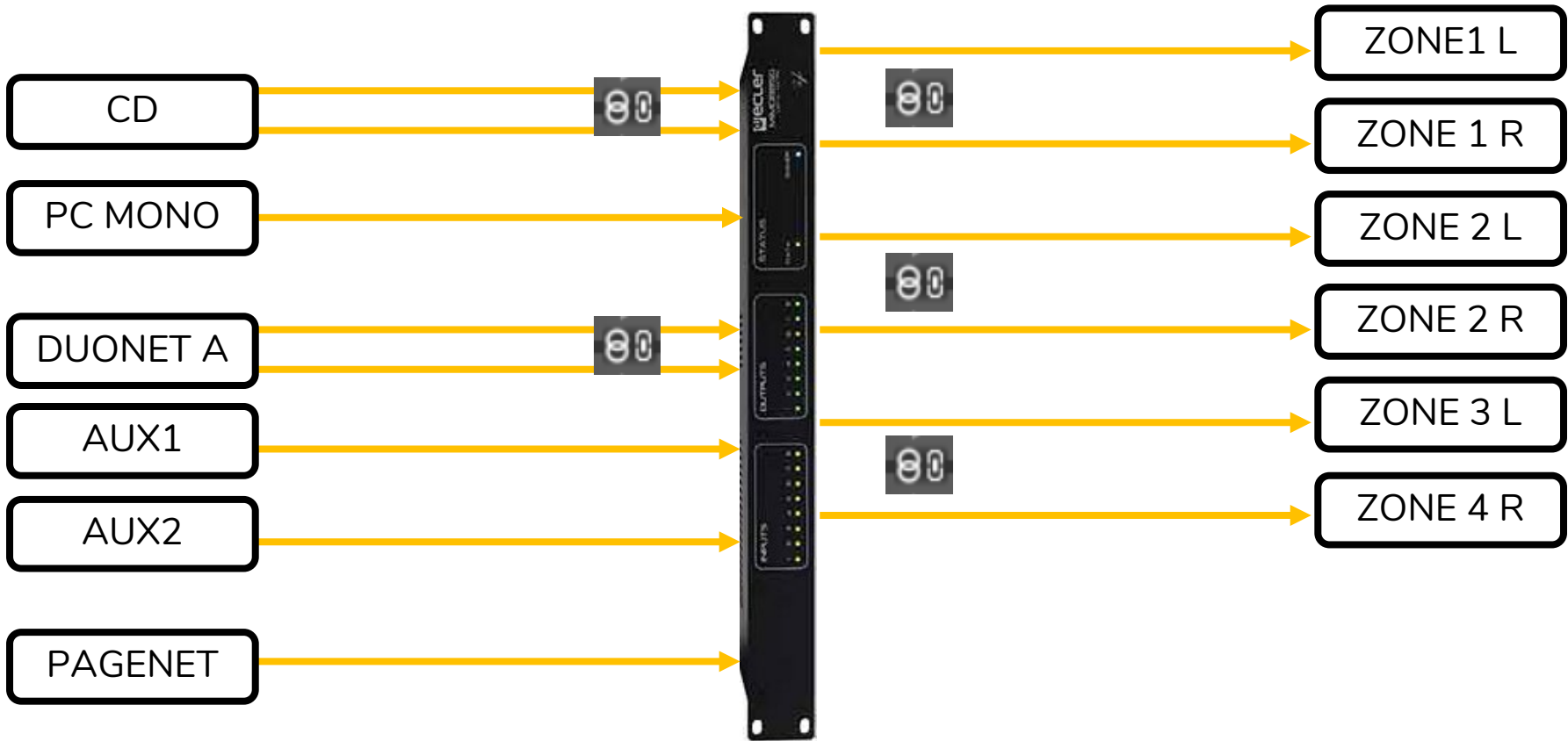


VOL/SRC 4 ZONES



40 ZONES PAGING

EclerNet Manager:
User Control Panels (UCP)
PROGRAMMING BASIC EXAMPLE



Selector & Volume



Project Explorer (192.168.0.1...)

- Devices (1 groups)
 - All (1)
 - MIMO MIMO4040DN
- Channels (1 groups)
- User Control Panels (1 Panels)

Online and Unused Devi...

- D
- C
- U
- P

Device: MIMO

MIMO4040DN

PRESET: 01 - EMPTY PRESET 01

PHONES: MTX_OUT1 : AOUT1

FIRMWARE: ...

Device **Inp**

- MTX_IN1 : AIN1
- MTX_IN2 : AIN2
- MTX_IN3 : AIN3
- MTX_IN4 : AIN4
- MTX_IN5 : AIN5
- MTX_IN6 : AIN6
- MTX_IN7 : AIN7
- MTX_IN8 : AIN8
- MTX_IN9 : DIN1
- MTX_IN10 : DIN2
- MTX_IN11 : DIN3
- MTX_IN12 : DIN4
- MTX_IN13 : DIN5
- MTX_IN14 : DIN6
- MTX_IN15 : DIN7
- MTX_IN16 : DIN8
- MTX_IN17 : DIN9
- MTX_IN18 : DIN10

Rename Channel

Channel Name

OK Cancel

INP -20 -30 -40 -50 0,0 dB

PARAMETER -40 dB Phantom Gain Delay 0,0 dB 0,00 ms

Threshold

Project Explorer (192.168.0.1...)

- Devices (1 groups)
 - All (1)
 - MIMO MIMO4040DN
- Channels (1 groups)
- User Control Panels (1 Panels)

Online and Unused Devi...

- D
- C
- U
- P

Device: MIMO

MIMO4040DN

PRESET [dropdown] FIRMWARE: ...

PHONES: MTX_OUT1 : AOUT1

Device Inputs Matrix Outputs Pagers/Duckers GPIs/GPOs Remotes

Input Port: AIN1 : AIN1

INPUT

M P

0 -10 -20 -30 -40 -50

0,0 dB

Stereo F.Shifter

0 dB -20 dB -40 dB

Phantom

Gain Delay U

0,0 dB 0,00 ms

Threshold

PARAMETRIC EQ

Type

Frequency

Gain Q

Threshold

Project Explorer (192.168.0.1...)

- Devices (1 groups)
 - All (1)
 - MIMO MIMO4040DN
- Channels (1 groups)
- User Control Panels (0 Panels)

Online and Unused Devi...

D
C
U
P

Device: MIMO

MIMO4040DN

PRESET 01 - EMPTY PRESET 01

PHONES MTX_OUT1/2 : ZONE 1

FIRMWARE : ...

Device Inputs Matrix Outputs Pagers/Duckers GPIs/GPOs Remotes

MTX_IN1/2 : CD
 MTX_IN3 : PC MONO
 MTX_IN4 : AIN4
 MTX_IN5/6 : **PLAYER A**
 MTX_IN7 : AIN7
 MTX_IN8 : AIN8
 MTX_IN9 : DIN1
 MTX_IN10 : DIN2
 MTX_IN11 : DIN3
 MTX_IN12 : DIN4
 MTX_IN13 : DIN5
 MTX_IN14 : DIN6
 MTX_IN15 : DIN7
 MTX_IN16 : DIN8
 MTX_IN17 : DIN9
 MTX_IN18 : DIN10
 MTX_IN19 : DIN11
 MTX_IN20 : DIN12

Input Port AIN5 : AIN5

M Stereo F.Shifter
 P

0
-10
-20
-30
-40
-50

0 dB
-20 dB
-40 dB

Phantom

Gain 0,0 dB Delay 0,00 ms

PARAMETRIC EQ

Type

Frequency

Gain

Q

Threshold



Explorer

Design

Deploy

Users

Settings

Lock

Panic



Project Explorer (192.168.0.1...)

- Devices (1 groups)
 - All (1)
 - MIMO MIMO4040DN
- Channels (1 groups)
- User Control Panels (0 Panels)

Device : MIMO

MIMO4040DN

PRESET 01 - EMPTY PRESET 01

PHONES MTX_OUT1/2 : ZONE 1



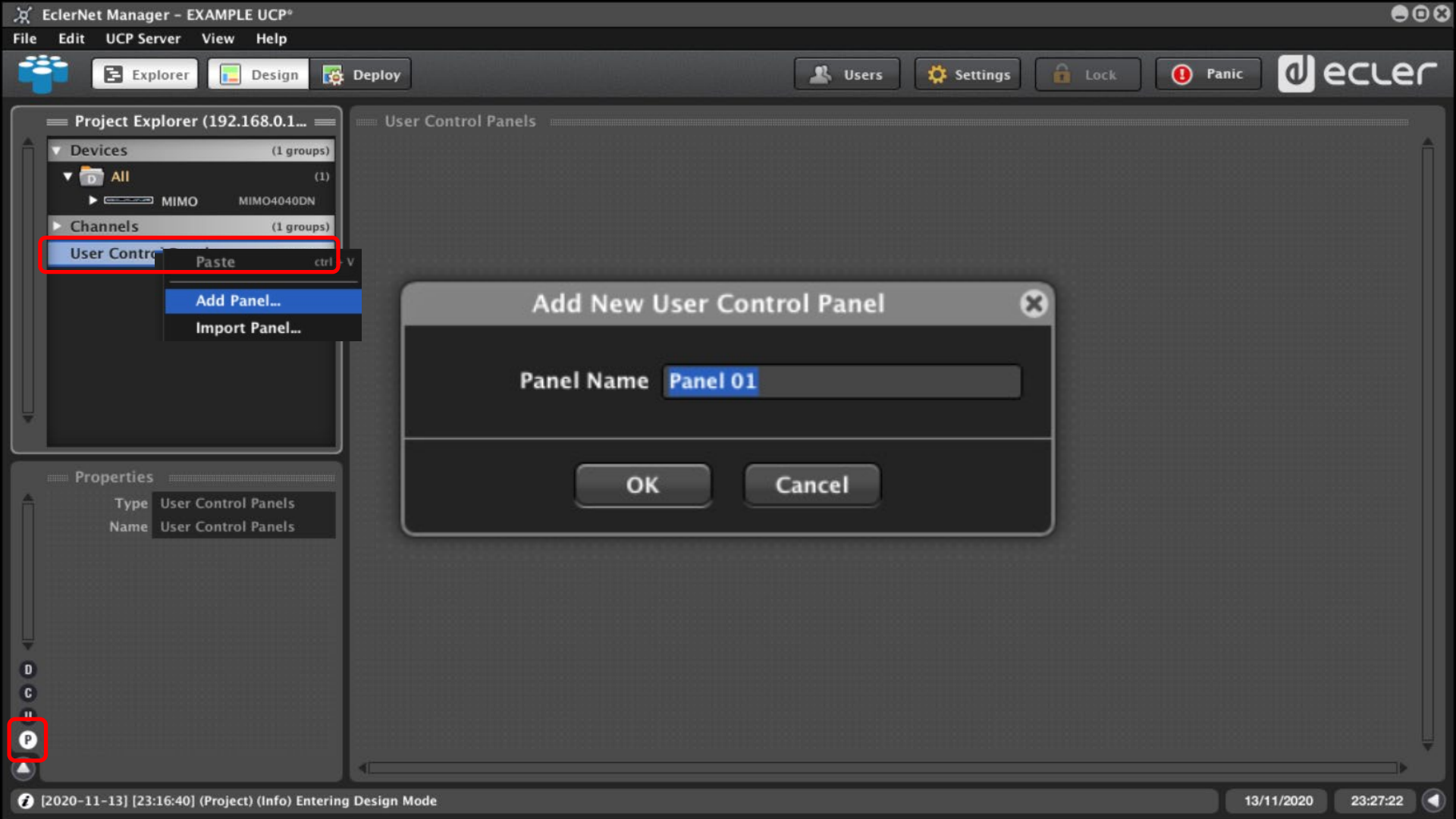
FIRMWARE : ...

Device Inputs Matrix Outputs Pagers/Duckers GPIs/GPOs Remotes

LEVEL

INPUTS	OUTPUTS																
	ZONE 1	ZONE 1 R	ZONE 2	ZONE 2 R	ZONE 3	ZONE 3 R	ZONE 4	AOUT8	DOUT1	DOUT2	DOUT3	DOUT4	DOUT5	DOUT6	DOUT7	DOUT8	
CD	00	00	00														
CD R	00																
PC MONO																	
AIN4																	
PLAYER A	00																
PLAYER A R																	
AIN7																	
AIN8																	
DIN1																	

U M



Project Explorer (192.168.0.1...)

- Devices (1 groups)
 - All (1)
 - MIMO MIMO4040DN
- Channels (1 groups)
- User Control Panels (1 Panels)
 - Panel 01 (0 pages)

- Rename...
- Edit Comments...
- Copy
- Cut
- Paste
- Delete
- Add Page...**
- Move Up
- Move Down
- Empty
- Export Panel...
- Import Page...

Panel : Panel 01

Add New Panel Page

Page Name

OK Cancel

Online and Unus

- D
- C
- U
- P



Project Explorer (192.168.0.1...)

- Devices (1 groups)
 - All (1)
 - MIMO MIMO4040DN
- Channels (1 groups)
 - User Control Panels (1 Panels)
 - Panel 01 (1 pages)
 - Page 01 (0 controls)

Properties

Type	Panel Page
Name	Page 01
Visible	<input checked="" type="checkbox"/>
Locked	<input type="checkbox"/>
Color	0

D
C
U
P

Panel Page : Page 01

Rename... F2

Edit Comments...

Copy ctrl + C

Cut ctrl + X

Paste ctrl + V

Delete delete

Add Layer...

Add Control...

Add ▶

Move Up ctrl + up

Move Down ctrl + down

Empty

Export Page...

Rectangle...

Image...

Static Text...

Dynamic Text...

LED...

Meter...

Fader...

Rotary...

Button...

Button Multi...

Button Inc/Dec...






Button Page Link...

Button NET String...

Project Explorer (192.168.0.1...)

- Devices (1 groups)
 - All (1)
 - MIMO MIMO4040DN
- Channels (1 groups)
- User Control Panels (1 Panels)
 - Panel 01 (1 pages)
 - Page 01 (1 controls)
 - Control 18 BUTTON

Properties

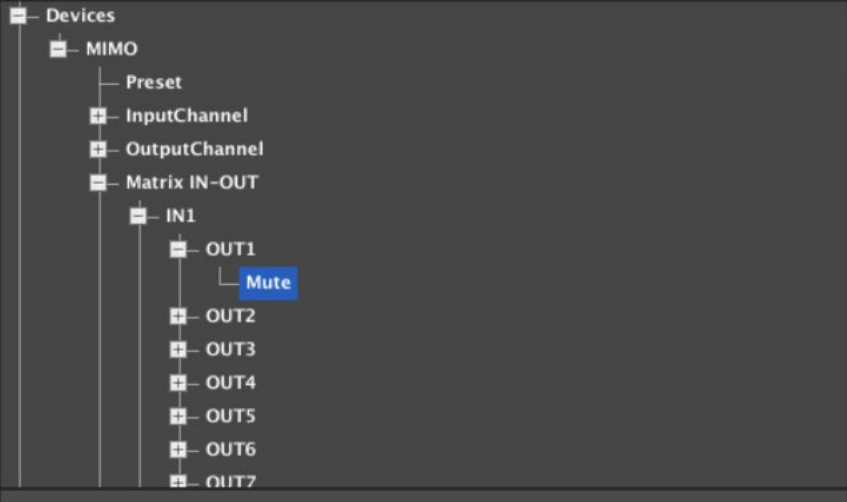
Type	Panel Control: BUTTON
Name	Control 18
Parameter	
Push Only	
Data	---
Reverse	
File	Default Button 
Opacity	1,00 
Visible	<input checked="" type="checkbox"/>
Locked	
X	131 
Y	102 

Panel Page : Page 01

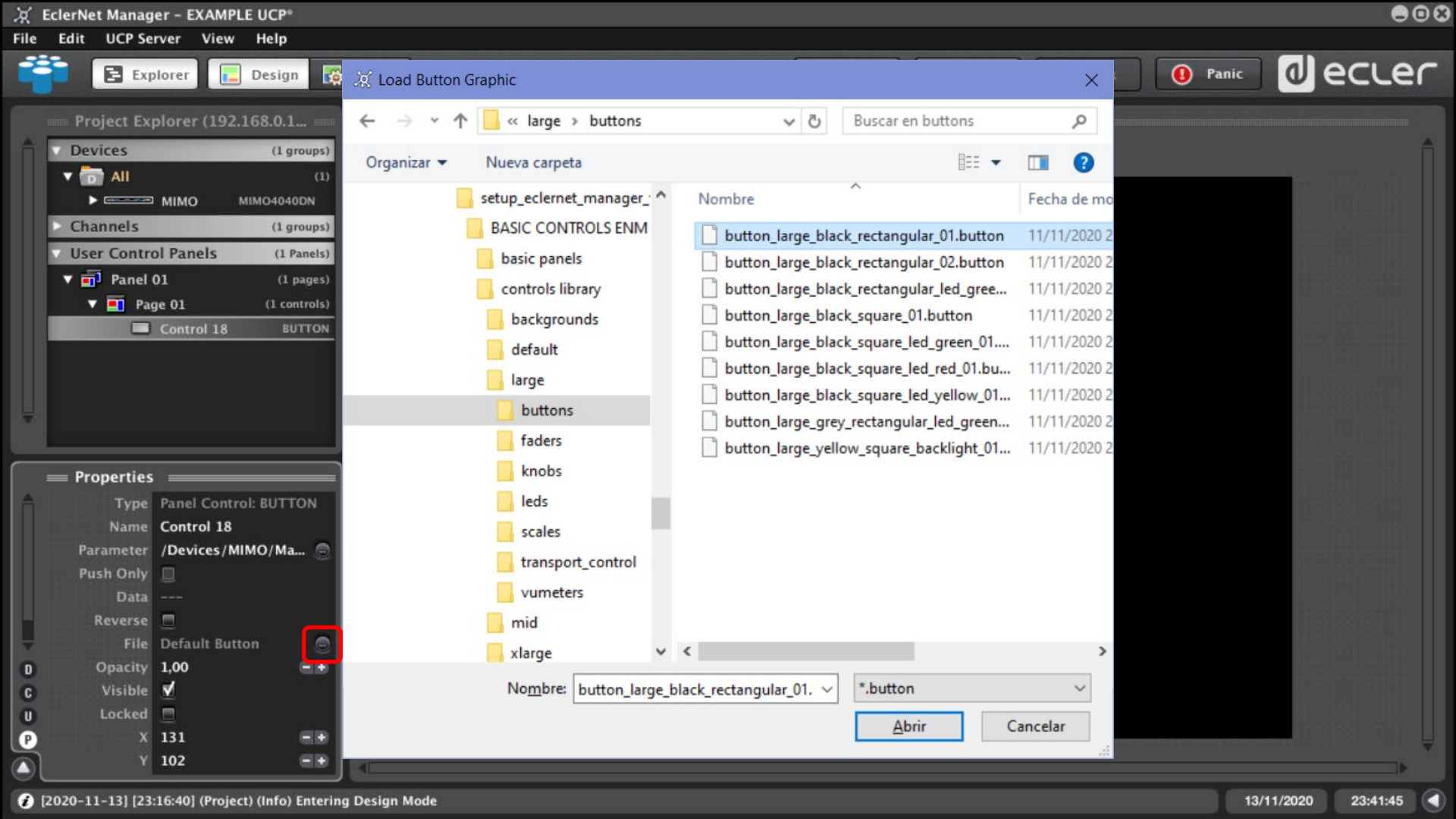
Select Parameter

Parameter Path /Devices/MIMO/Matrix IN-OUT/IN1/OUT1/Mute

Data ---



OK Cancel



EclerNet Manager - EXAMPLE UCP

File Edit UCP Server View Help

Explorer Design

Load Button Graphic

Project Explorer (192.168.0.1...)

Devices (1 groups)

- All (1)
 - MIMO MIMO4040DN
- Channels (1 groups)
- User Control Panels (1 Panels)
 - Panel 01 (1 pages)
 - Page 01 (1 controls)
 - Control 18 BUTTON

Properties

Type Panel Control: BUTTON

Name Control 18

Parameter /Devices/MIMO/Ma...

Push Only [checkbox]

Data ---

Reverse [checkbox]

File Default Button

Opacity 1,00

Visible [checked]

Locked [checkbox]

X 131

Y 102

Load Button Graphic

Organizar Nueva carpeta

- setup_eclernet_manager_...
- BASIC CONTROLS ENM
 - basic panels
 - controls library
 - backgrounds
 - default
 - large
 - buttons
 - faders
 - knobs
 - leds
 - scales
 - transport_control
 - vumeters
- mid
- xlarge

Nombre Fecha de mo

Nombre	Fecha de mo
button_large_black_rectangular_01.button	11/11/2020 2
button_large_black_rectangular_02.button	11/11/2020 2
button_large_black_rectangular_led_gree...	11/11/2020 2
button_large_black_square_01.button	11/11/2020 2
button_large_black_square_led_green_01....	11/11/2020 2
button_large_black_square_led_red_01.bu...	11/11/2020 2
button_large_black_square_led_yellow_01...	11/11/2020 2
button_large_grey_rectangular_led_green...	11/11/2020 2
button_large_yellow_square_backlight_01...	11/11/2020 2

Nombre: button_large_black_rectangular_01. *.button

Abrir Cancelar

[2020-11-13] [23:16:40] (Project) (Info) Entering Design Mode

13/11/2020 23:41:45

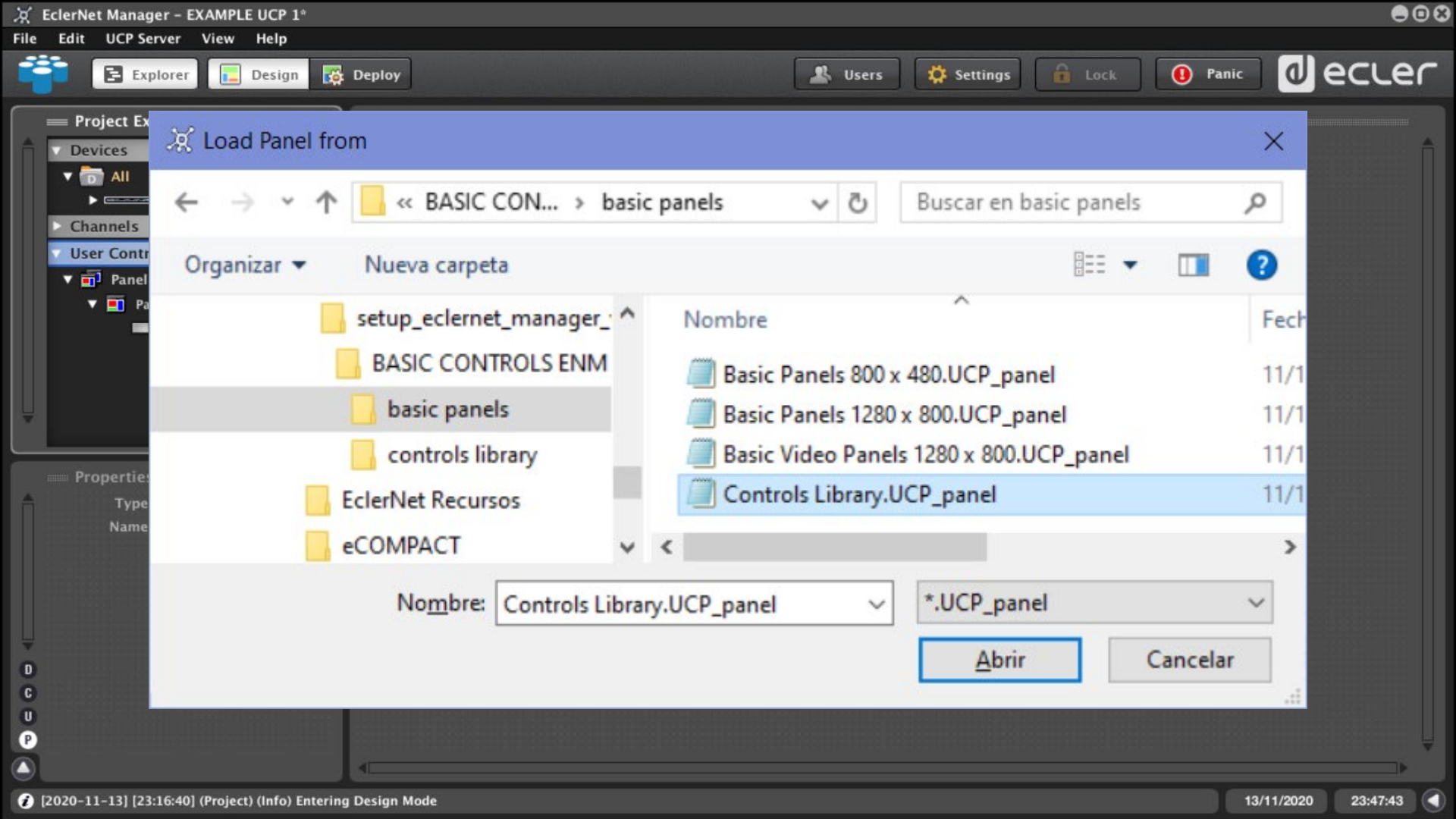
Project Explorer (192.168.0.1...)

- Devices (1 groups)
 - All (1)
 - MIMO MIMO4040DN
- Channels (1 groups)
- User Control Panels (1 Panels)
 - Panel 01 (1 pages)
 - Page 01 (1 controls)
 - Control 18 BUTTON

Properties

Type	Panel Control: BUTTON
Name	Control 18
Parameter	/Devices/MIMO/Ma...
Push Only	<input type="checkbox"/>
Data	---
Reverse	<input type="checkbox"/>
File	button_large_black...
Opacity	1,00
Visible	<input checked="" type="checkbox"/>
Locked	<input type="checkbox"/>
X	102
Y	87

Panel Page : Page 01





Explorer

Design

Deploy

Users

Settings

Lock

Panic



Project Explorer (192.168.0.1...)

- ▼ FADERS LARGE & ... (9 controls)
 - ▶ ADVISE (6 controls)
 - ▶ FADER 10 250P (3 controls)
 - ▶ FADER 11 250P (3 controls)
 - ▶ FADER 12 250P (3 controls)
 - ▶ FADER 13 250P (3 controls)
 - ▶ FADER 14 250P (3 controls)
 - ▶ FADER 15 300P (3 controls)
 - ▶ FADER 16 300P (3 controls)
 - ▶ MENU (2 controls)
- ▶ FADERS XLARGE ... (8 controls)
- ▶ BUTTON NET ST... (10 controls)
- ▶ BUTTON MULTI (10 controls)

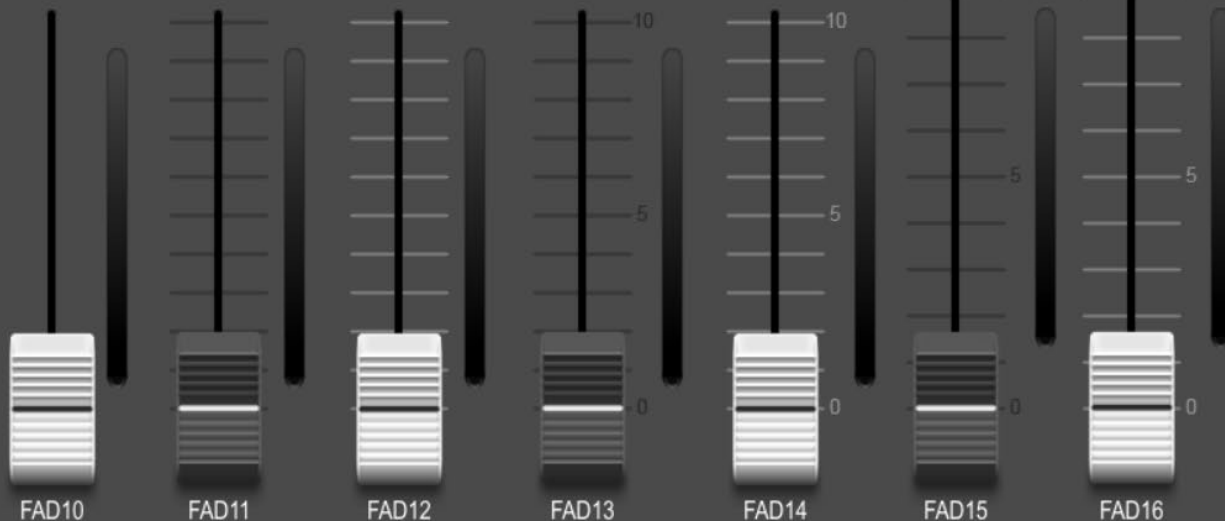
Panel Page : FADERS LARGE & METERS 250-300P



These faders are composed separately by:

- FADER (the slider)
- SCALE (image behind the slider)
- METER

Copy the layer that includes all objects or combine objects individually to your taste.



Properties

Type Panel Page
 Name FADERS LARGE & MET...
 Visible
 Locked
 Color 4a4a4a

D

C

U

P

A

Project Explorer (192.168.0.1...)

- FADERS LARGE & ... (9 controls)
 - ADVISE (6 controls)
 - FADER 10 250P (3 controls)
 - FADER 11 250P (3 controls)
 - FADER 12 250P (3 controls)
 - FADER 13 250P (3 controls)
 - FADER 14 250P (3 controls)**
 - FADER + ...
 - SC NUI
 - SC NUI
 - LARGE REC
 - FAD14
 - FADER 15 300P

Panel Page : FADERS LARGE & METERS 250-300P



These faders are composed separately by:

- FADER (the slider)
- SCALE (image behind the slider)
- METER

Copy the layer that includes all objects or combine objects individually to your taste.

Context menu for FAD14:

- Rename... (F2)
- Edit Comments...
- Copy (ctrl + C)**
- Cut (ctrl + X)
- Paste (ctrl + V)
- Delete (delete)
- Add Layer...
- Add Control...
- Add
- Move Up (ctrl + up)
- Move Down (ctrl + down)
- Empty

Properties





Type	Panel Layer
Name	FADER 14 250P
Opacity	1,00
Visible	<input checked="" type="checkbox"/>
Locked	<input checked="" type="checkbox"/>
Offset X	469
Offset Y	207

FAD10 FAD11 FAD12 FAD13 FAD14 FAD15 FAD16

Project Explorer (192.168.0.1...)

- Devices (1 groups)
 - All (1)
 - MIMO MIMO4040DN
- Channels (1 groups)
- User Control Panels (2 Panels)
 - Panel 01 (1 pages)
 - Page 01 (2 controls)
 - Control 18 BUTTON
 - FADER 14 250P (3 controls)
 - FADER + ... (2 controls)
 - SC NUM 30... IMAGE
 - SC NUM 25... FADER

Properties

Type	Panel Control: FADER
Name	SC NUM 250P LIGHT
Parameter	
Min.	0 
Max.	100 
File	fader_large_white... 
Visible	<input checked="" type="checkbox"/>
Locked	<input type="checkbox"/>
X	1 <input type="checkbox"/>
Y	-127 <input type="checkbox"/>
Width	68
Height	379

Panel Page : Page 01

Select Parameter

Parameter Path /Devices/MIMO/OutputChannel/OUT1/Volume

Data ---

- Devices
 - MIMO
 - InputChannel
 - OutputChannel
 - OUT1
 - Volume
 - OUT2
 - OUT3
 - OUT4
 - OUT5
 - OUT6
 - OUT7
 - OUT8
 - OUT9
 - OUT10

OK Cancel


Project Explorer (192.168.0.1...)

- LARGE RECTA... METER
- FAD14 STATIC TEXT
- CONTROLS LIBRARY (20 pages)
 - START (8 controls)
 - USER GUIDE (4 controls)
 - ROTARY (14 controls)
 - BUTTON RECTA... (18 controls)
 - BUTTON SQUARE (16 controls)
 - LED RECTANG (29 controls)
 - LED ROUND (13 controls)
 - TRANSPORT CO... (16 controls)
 - TRANSPORT CO... (16 controls)
 - TRANSPORT CO... (16 controls)

Properties

Type Panel Control: METER

Name LARGE RECTANG 14 L...

Parameter 

File vumeter_large_rect...

Visible

Locked

X 83

Y -61

Width 20

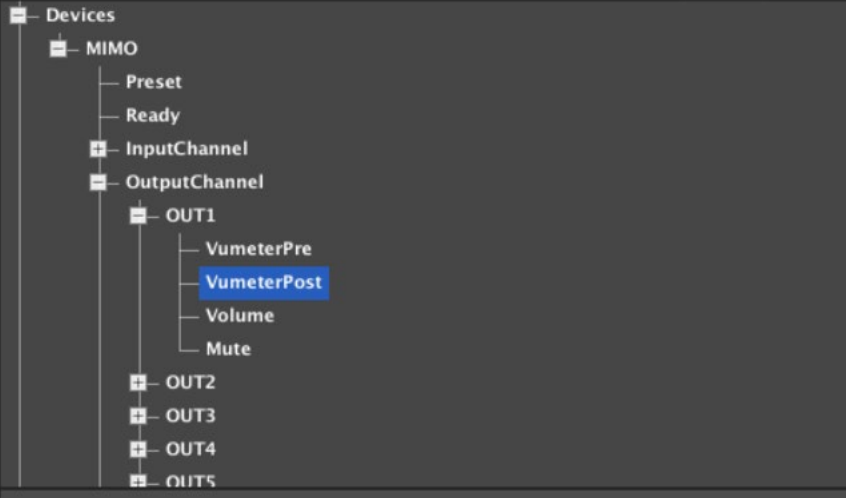
Height 250

Panel Page : Page 01

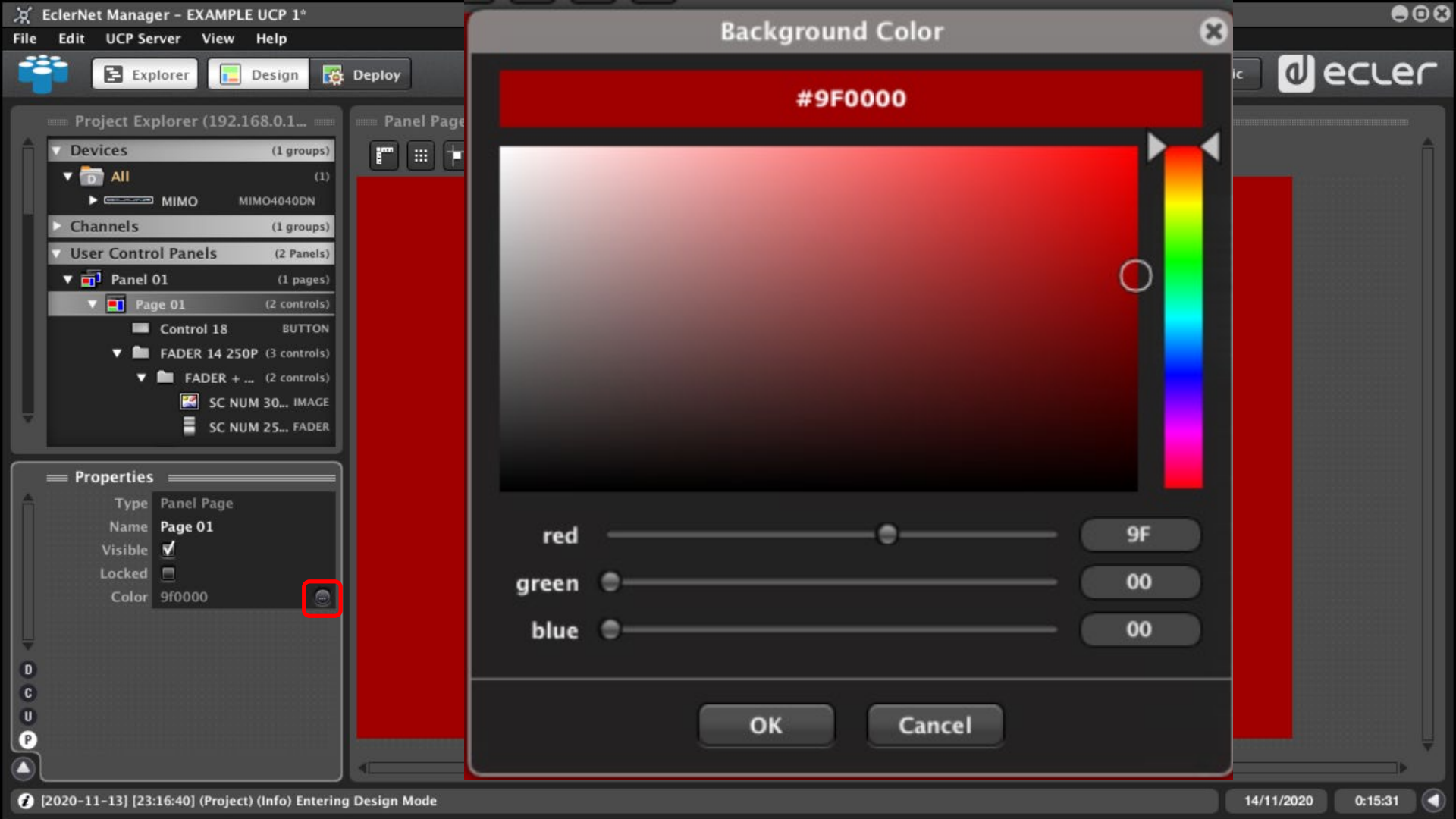
Select Parameter

Parameter Path /Devices/MIMO/OutputChannel/OUT1/VumeterPost

Data ---



OK Cancel





Explorer

Design

Deploy

Users

Settings

Lock

Panic



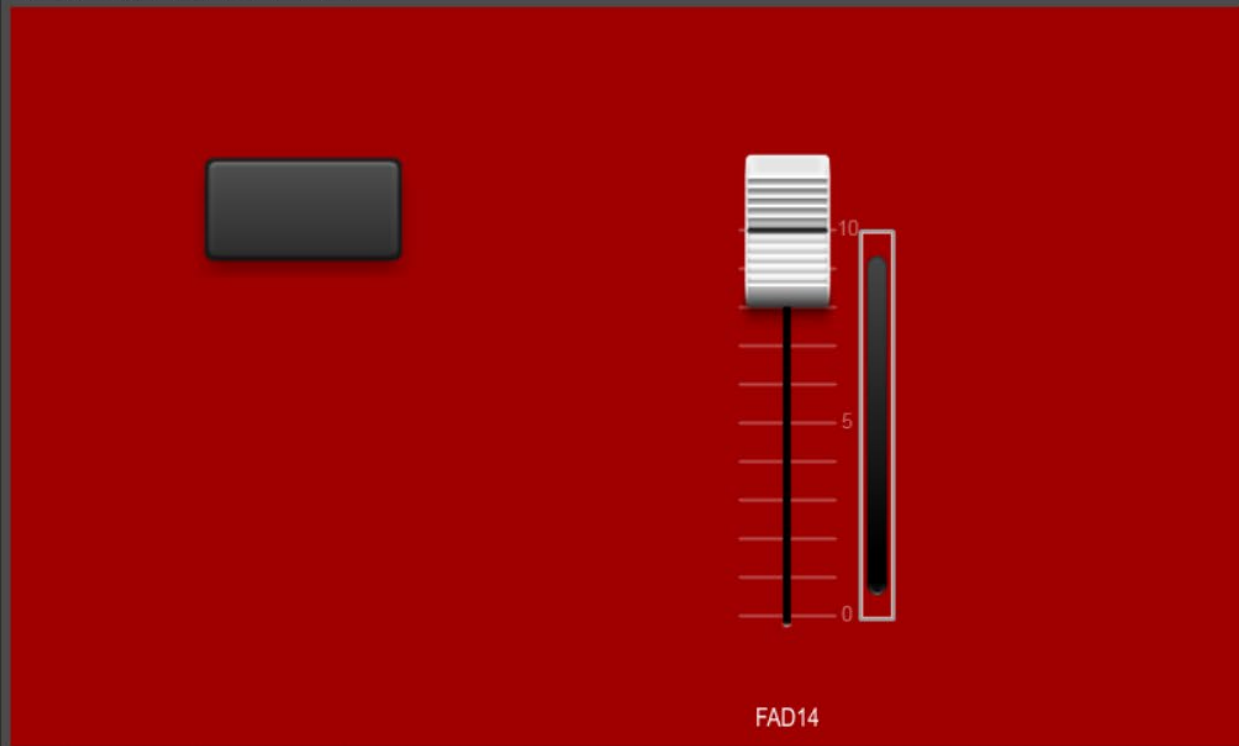
Project Explorer (192.168.0.1...)

- Devices (1 groups)
 - All (1)
 - MIMO MIMO4040DN
- Channels (1 groups)
- User Control Panels (2 Panels)
 - Panel 01 (1 pages)
 - Page 01 (2 controls)
 - Control 18 BUTTON
 - FADER 14 250P (3 controls)
 - FADER + ... (2 controls)
 - SC NUM 30... IMAGE
 - SC NUM 25... FADER

Properties

Type	Panel Page
Name	Page 01
Visible	<input checked="" type="checkbox"/>
Locked	<input type="checkbox"/>
Color	9f0000

Panel Page : Page 01



FAD14



Project Explorer (192.168.0.1...)

- Devices (1 groups)
 - All (1)
 - MIMO MIMO4040DN
- Channels (1 groups)
- User Control Panels (1 Panels)
 - SELECCION (3 pages)
 - ZONE1 (7 controls)**
 - ZONE2 (8 controls)
 - Player A (11 controls)

Properties

Type	Panel Page
Name	ZONE1
Visible	<input checked="" type="checkbox"/>
Locked	<input checked="" type="checkbox"/>
Color	840202

D
C
U
P

Panel Page : ZONE1

ZONE 1

CD BGM

PC MONO

DUONET A

MUTE

Volume slider: 0 to 10, current value ~5

Project Explorer (192.168.0.1...)

- Devices (1 groups)
 - All (1)
 - MIMO MIMO4040DN
- Channels (1 groups)
- User Control Panels (1 Panels)
 - SELECCION (3 pages)
 - ZONE1 (7 controls)
 - ZONE2 (8 controls)
 - Player A (11 controls)

Properties

Type	Panel Control: METER
Name	Vumeter Channel 5 (p...
Parameter	/Devices/MIMO/Ou...
File	vumeter_large_rect...
Visible	<input checked="" type="checkbox"/>
Locked	<input type="checkbox"/>
X	473 <input type="checkbox"/>
Y	94 <input type="checkbox"/>
Width	20
Height	250

Panel Page : ZONE1

The main control panel for ZONE 1 features a dark red background. It contains four large, dark grey buttons with white text: 'CD BGM', 'PC MONO', 'DUONET A', and 'MUTE'. To the right of these buttons is a vertical VU meter with a scale from 0 to 10. The meter has a white needle and a color gradient bar on the right side, transitioning from green at the bottom to red at the top.



Project Explorer (192.168.0.1...)

- Devices (1 groups)
 - All (1)
 - MIMO MIMO4040DN
- Channels (1 groups)
- User Control Panels (1 Panels)
 - SELECCION (3 pages)
 - ZONE1 (7 controls)
 - ZONE2 (8 controls)**
 - Player A (11 controls)

Properties

Type	Panel Page
Name	ZONE2
Visible	<input checked="" type="checkbox"/>
Locked	<input checked="" type="checkbox"/>
Color	25d84

D
C
U
P

Panel Page : ZONE2

ZONE 2

CD BGM

PC MONO

DUONET A

MUTE

10
5
0





Explorer

Design

Deploy

Users

Settings

Lock

Panic



Project Explorer (192.168.0.1...)

- ▼ Devices (1 groups)
 - ▼ All (1)
 - ▶ MIMO MIMO4040DN
- ▶ Channels (1 groups)
- ▼ User Control Panels (1 Panels)
 - ▼ SELECCION (3 pages)
 - ▶ ZONE1 (7 controls)
 - ▶ ZONE2 (8 controls)
 - ▶ Player A (11 controls)

Properties

Type	Device
Name	MIMO

Device : MIMO

MIMO4040DN

PRESET 01 - EMPTY PRESET 01



FIRMWARE : ...

PHONES MTX_OUT/1/2 : ZONE 1



Device Inputs Matrix Outputs Pagers/Duckers GPIs/GPOs Remotes

REMOTE LIST

U + - N



VIRTUAL

Address ...

Firmware ...

Edit Remote: VIRTUAL



SELECTOR

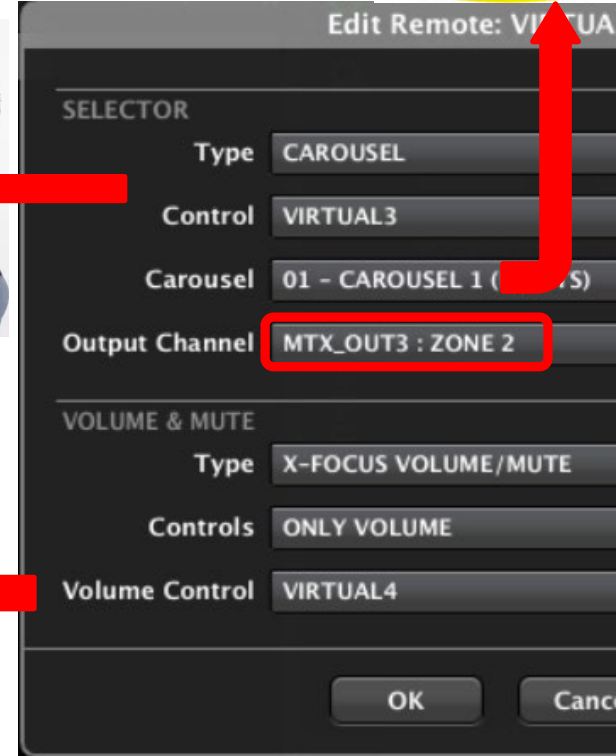
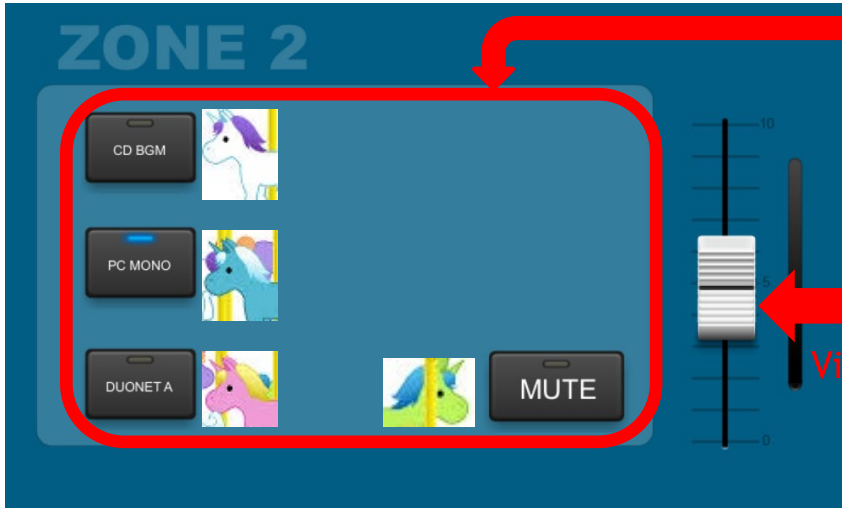
Type

NONE

✓ NONE

CAROUSEL

Selector & Volume



Carousel



Carousel Lists

	INPUTS
01 - CAROUSEL 1	INPUTS
02 - CAROUSEL 2	NONE
03 - CAROUSEL 3	NONE
04 - CAROUSEL 4	NONE
05 - CAROUSEL 5	NONE
06 - CAROUSEL 6	NONE

Type: **INPUTS** Mode: **EXCLUSIVE** Selection Count: 1

- OFF (13)
- MTX_IN1 : CD (38)
- MTX_IN2 : CD R
- MTX_IN3 : PC MONO (63)
- MTX_IN4 : AIN4
- MTX_IN5 : PLAYER A (88)
- MTX_IN6 : PLAYER A R
- MTX_IN7 : AIN7
- MTX_IN8 : AIN8
- MTX_IN9 : DIN1
- MTX_IN10 : DIN2
- MTX_IN11 : DIN3
- MTX_IN12 : DIN4
- MTX_IN13 : DIN5
- MTX_IN14 : DIN6

OK Cancel

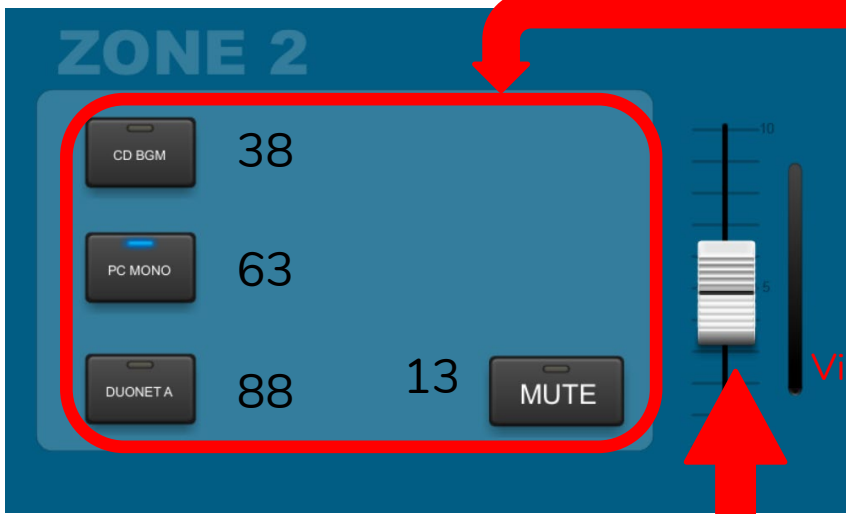
Select Parameter

Parameter Path: /Devices/MIMO/Virtual/Virtual3
Data: 87

- Devices
 - MIMO
 - Preset
 - InputChannel
 - OutputChannel
 - Matrix IN-OUT
 - LinkGroups
 - Pager 8
 - Virtual
 - Virtual1
 - Virtual2
 - Virtual3**
 - Virtual4
 - Virtual5
 - Virtual6

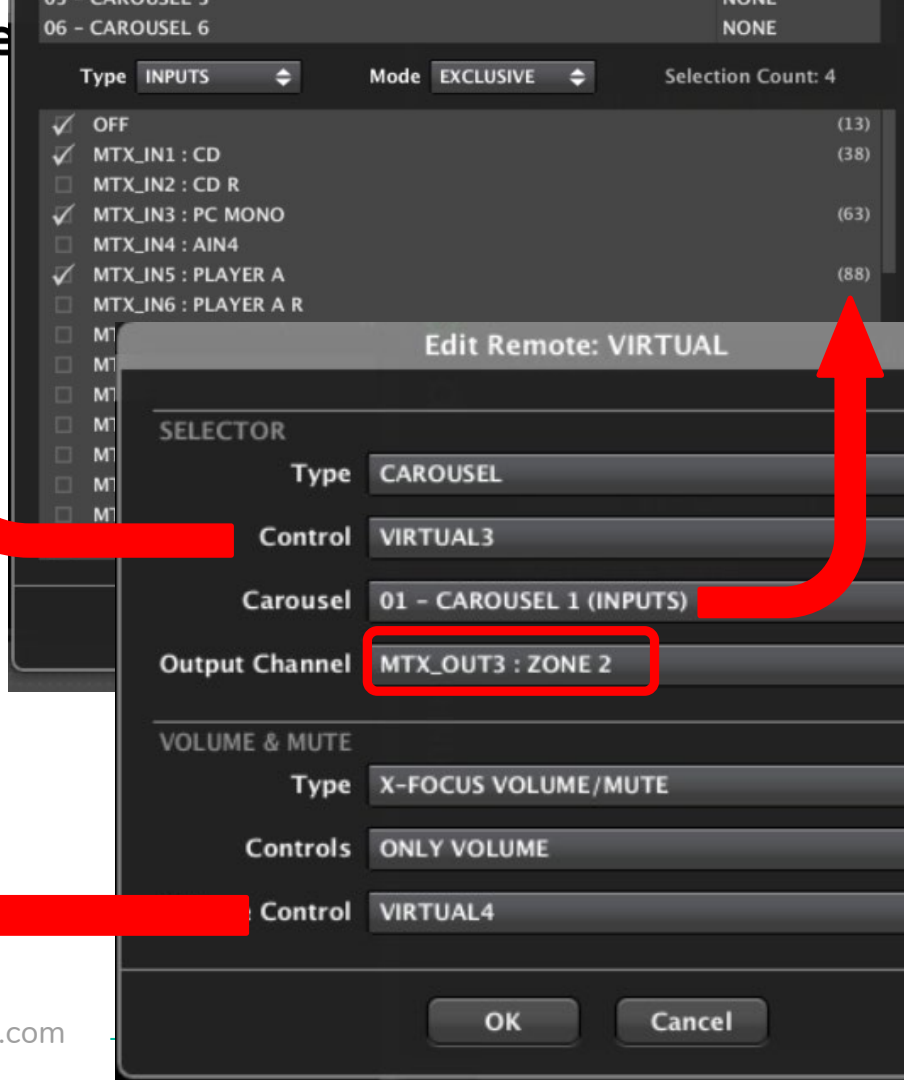
OK Cancel

Selector & Volume MIMO4040DN



Virtual3

Virtual4

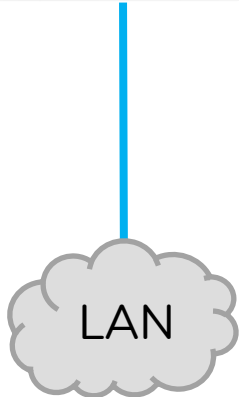


(5. REMOTES)

5. REMOTES

Connecting

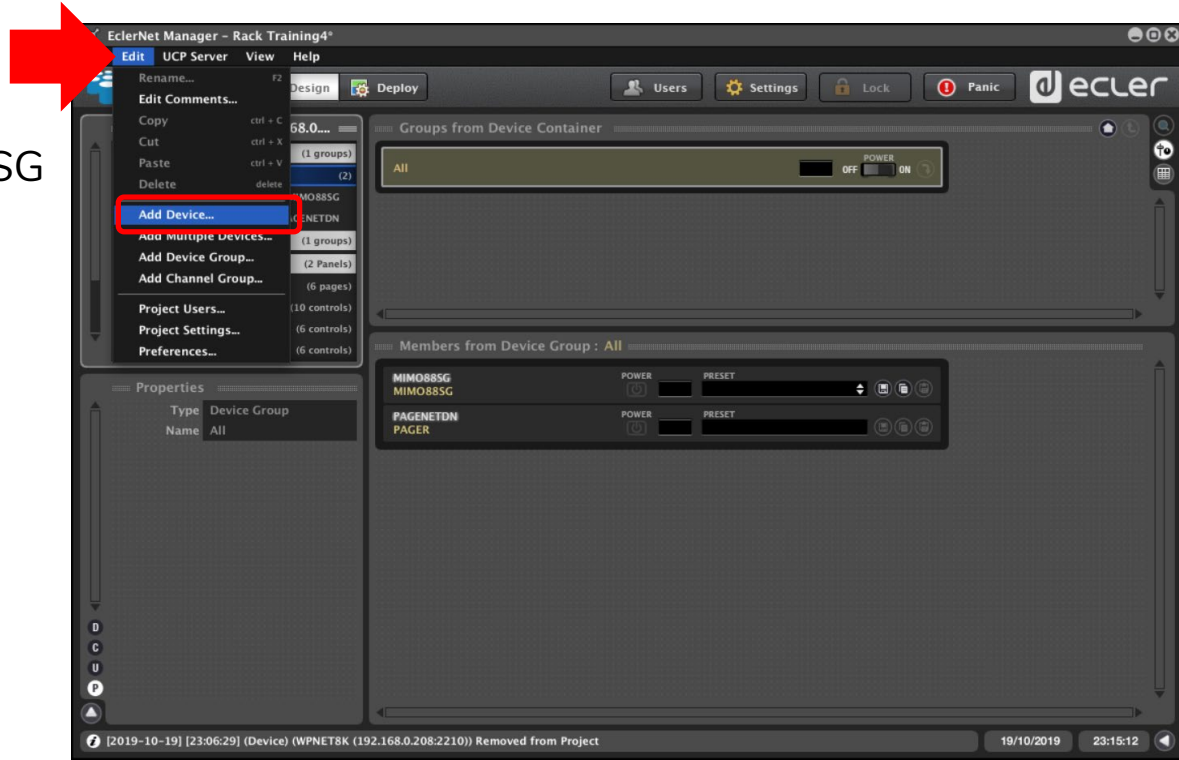
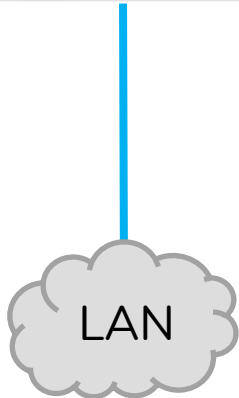
WPNET4KVR → MIMO1212SG
MIMO88SG
MIMO88



5. REMOTES

Connecting

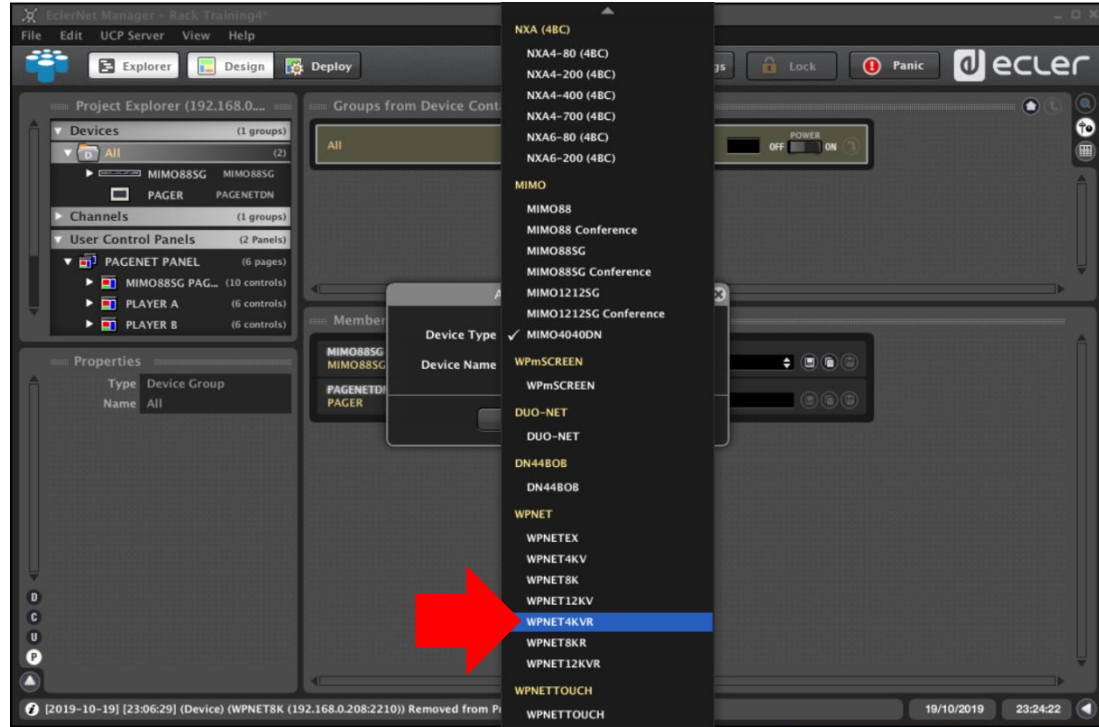
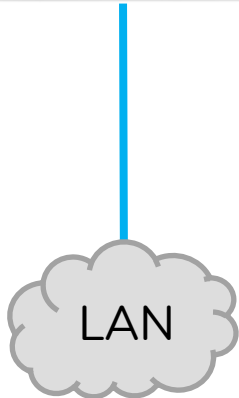
WPNET4KVR → MIMO1212SG
MIMO88SG
MIMO88



5. REMOTES

Connecting

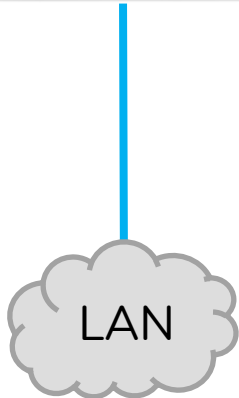
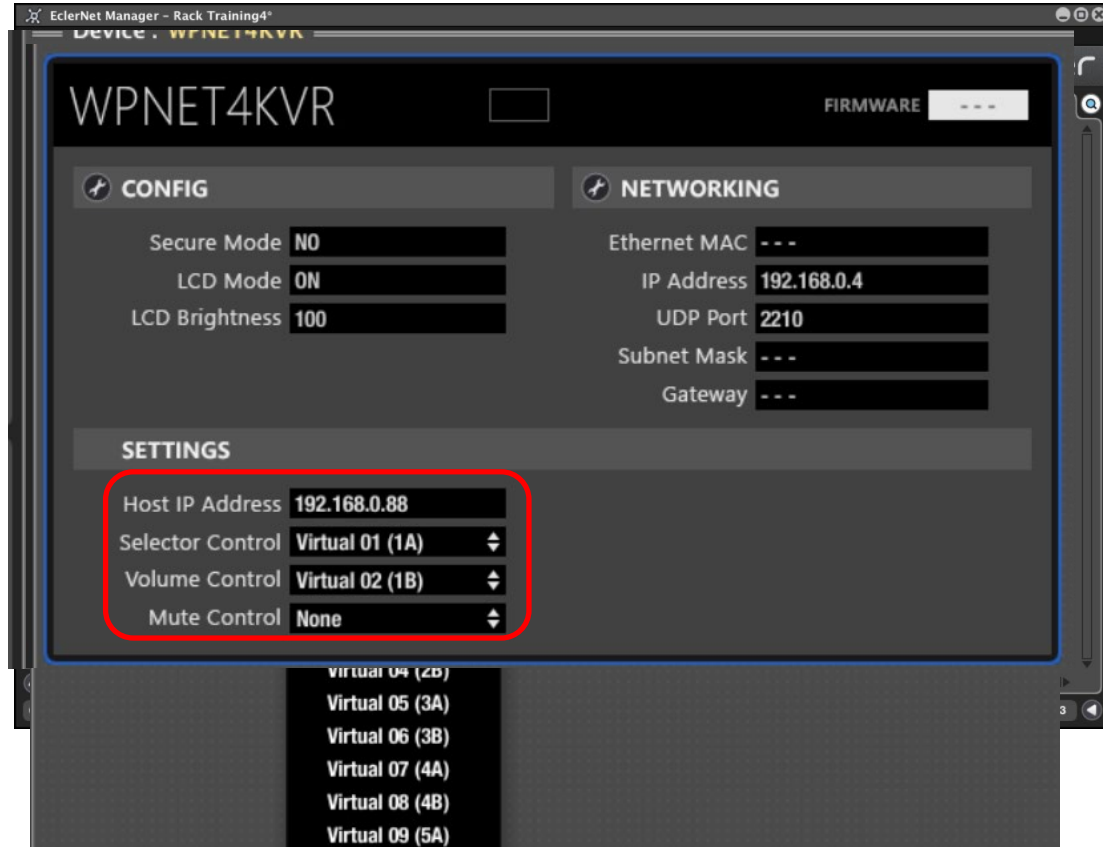
WPNET4KVR → MIMO1212SG
MIMO88SG
MIMO88



5. REMOTES

Connecting

WPNET4KVR → MIMO1212SG
 MIMO88SG
 MIMO88

WPNET4KVR FIRMWARE ---

CONFIG

- Secure Mode: NO
- LCD Mode: ON
- LCD Brightness: 100

NETWORKING

- Ethernet MAC: ---
- IP Address: 192.168.0.4
- UDP Port: 2210
- Subnet Mask: ---
- Gateway: ---

SETTINGS

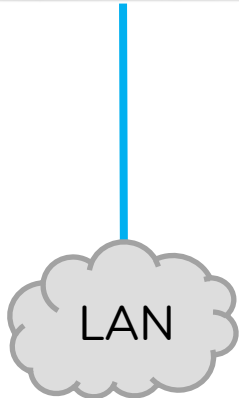
- Host IP Address: 192.168.0.88
- Selector Control: Virtual 01 (1A)
- Volume Control: Virtual 02 (1B)
- Mute Control: None

Virtual 04 (2B)
 Virtual 05 (3A)
 Virtual 06 (3B)
 Virtual 07 (4A)
 Virtual 08 (4B)
 Virtual 09 (5A)

5. REMOTES

Connecting

WPNET4KVR → MIMO1212SG
MIMO88SG
MIMO88



SECTOR

- Control: VIRTUAL1
- Type: CAROUSEL
- Polarity: DIRECT
- Carousel: 01 - CAROUSEL 1 (INPUTS)
- Output: OUT 1 : SPK 1

VOLUME

- Control: VIRTUAL2
- Type: X-FOCUS VOLUME
- Polarity: DIRECT

MUTE

- Control: VIRTUAL3
- Type: NONE

Buttons: OK, Cancel

(5. REMOTES)

6. UCP: Advise & Tips

Think big (visible) → # of objects / Resolution / smartphones...

Keep away from corners → OSD buttons

Use Layers and layers and layers... → Copy/paste, move...

Use Lock → no undo



Don't use strange fonts

Use **opacity**

Recycle (be green & don't work twice - import/export)

- Pink to white without getting blue

EclerNet Manager: Channel Groups



Explorer

Design

Deploy

Users

Settings

Lock

Panic

ecler

Project Explorer (192.168.0....)

▼ Devices (1 groups)

▼ All (2)

▶ BUILDING 1 MIMO1212SG

▶ BUILDING 2 MIMO1212SG

▼ Channels (3 groups)

▼ All (24)

⌂ BUILDING 1 - OUT 1 : B1 HALL

⌂ BUILDING 1 - OUT 2 : B1 CORRI...

⌂ BUILDING 1 - OUT 3 : B1 FLOOR1

⌂ BUILDING 1 - OUT 4 : B1 FLOOR2

⌂ BUILDING 1 - OUT 5 : B1 FLOOR3

⌂ BUILDING 1 - OUT 6 : B1 FLOOR4

⌂ BUILDING 1 - OUT 7 : B1 FLOOR5

⌂ BUILDING 1 - OUT 8 : B1 FLOOR6

⌂ BUILDING 1 - OUT 9 : PARKING ...

⌂ BUILDING 1 - OUT 10 : PARKIN...

⌂ BUILDING 1 - OUT 11 : OUTPUT...

⌂ BUILDING 1 - OUT 12 : OUTPUT...

⌂ BUILDING 2 - OUT 1 : B2 HALL

⌂ BUILDING 2 - OUT 2 : B2 CORRI...

⌂ BUILDING 2 - OUT 3 : B2 FLOOR1

⌂ BUILDING 2 - OUT 4 : B2 FLOOR2

⌂ BUILDING 2 - OUT 5 : B2 FLOOR3

⌂ BUILDING 2 - OUT 6 : B2 FLOOR4

⌂ BUILDING 2 - OUT 7 : B2 FLOOR5

⌂ BUILDING 2 - OUT 8 : B2 FLOOR6

⌂ BUILDING 2 - OUT 9 : PARKING -1

⌂ BUILDING 2 - OUT 10 : PARKING -2

⌂ BUILDING 2 - OUT 11 : OUTPUT 11

⌂ BUILDING 2 - OUT 12 : OUTPUT 12

Properties

Type	Device
Name	BUILDING 2

Device : BUILDING 2

MIMO1212SG

PRESET 01 - EMPTY PRES01

FIRMWARE ---

GENERATOR

SIGNAL
PINK NOISE

600 2k 5k
150 10k 20k
20
FREQUENCY

CONFIG

PRESET 1 START UP OFF
OPERATING TIME ---
LOCAL TIME ---

NETWORKING

ETHERNET MAC ---
IP ADDRESS 0.0.0.0
UDP PORT 2210
SUBNET MASK ---
GATEWAY ---

INPUTS

MATRIX

OUTPUTS

PAGERS/DUCKERS

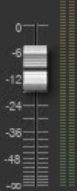
GPIS

REMOTES

OUT 1 : B2 HALL
OUT 2 : B2 CORRIDORS
OUT 3 : B2 FLOOR1
OUT 4 : B2 FLOOR2
OUT 5 : B2 FLOOR3
OUT 6 : B2 FLOOR4
OUT 7 : B2 FLOOR5
OUT 8 : B2 FLOOR6
OUT 9 : PARKING -1
OUT 10 : PARKING -2
OUT 11 : OUTPUT 11
OUT 12 : OUTPUT 12

LEVEL

S
M CLIP
L



MODE
MO...
GAIN
0 +6
0.0 dB

CROSSOVER

LOW-PASS

TYPE Bypass
600 2k 5k
150 10k 20k
20
FREQUENCY

HIGH-PASS

TYPE Bypass
600 2k 5k
150 10k 20k
20
FREQUENCY

DELAY

MIN MAX
0.00 ms

LIMITER

GR -18 0
-27
-36
THRESHOLD
MIN MAX
ATTACK
MIN MAX
RELEASE

PARAMETRIC EQ

1 2 3 4 5 6

TYPE
600 2k 5k
150 10k 20k
20
FREQUENCY
MIN MAX GAIN
MIN MAX Q



Project Explorer (192.168.0....)

- BUILDING 2 - OUT 7 : B2 FLOOR5
- BUILDING 2 - OUT 8 : B2 FLOOR6
- BUILDING 2 - OUT 9 : PARKING ...
- BUILDING 2 - OUT 10 : PARKIN...
- BUILDING 2 - OUT 11 : OUTPUT...
- BUILDING 2 - OUT 12 : OUTPUT...
- HALL & CORRIDORS (4)
- BUILDING 1 - OUT 1 : B1 HALL
- BUILDING 1 - OUT 2 : B1 CORRI...
- BUILDING 2 - OUT 1 : B2 HALL
- BUILDING 2 - OUT 2 : B2 CORRI...
- PARKING (4)
- BUILDING 1 - OUT 9 : PARKING ...
- BUILDING 1 - OUT 10 : PARKIN...
- BUILDING 2 - OUT 9 : PARKING ...
- BUILDING 2 - OUT 10 : PARKIN...
- User Control Panels (1 Panels)
- BASIC 800x480 (1 pages)
- VOL/SRC 4 ZONE (7 controls)
- BG RECTANGLE
- PROJECT STATIC TEXT
- CTRL L1 (5 controls)

Properties

Type Channel Group
Name PARKING

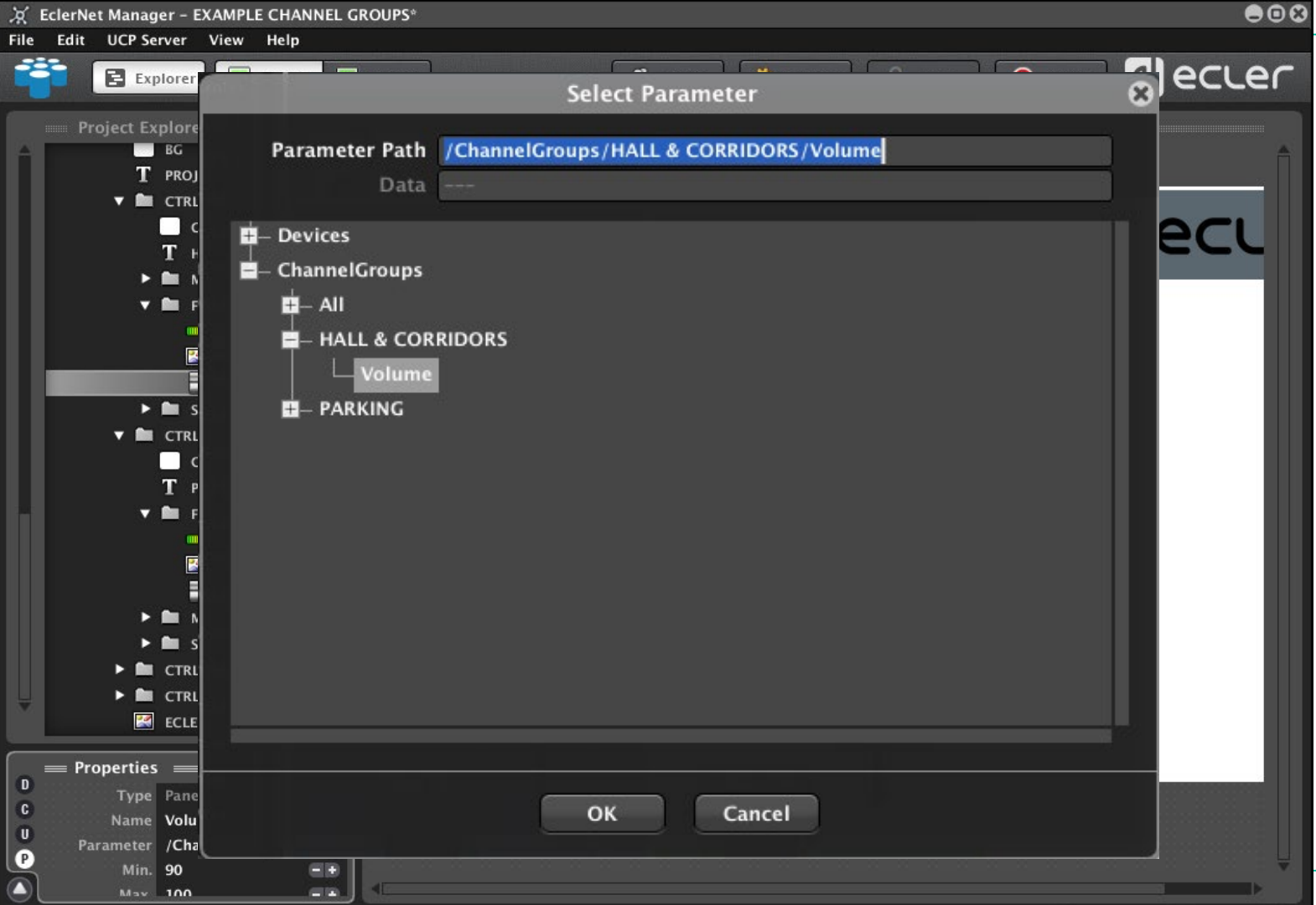
Groups from Channel Container

All HALL & C... PARKING

0,0 dB +6,0 dB +6,0 dB

Members from Channel Group : PARKING

PARKING... PARKING... PARKING... PARKING...



EclerNet Manager: Net Strings

Net String Buttons

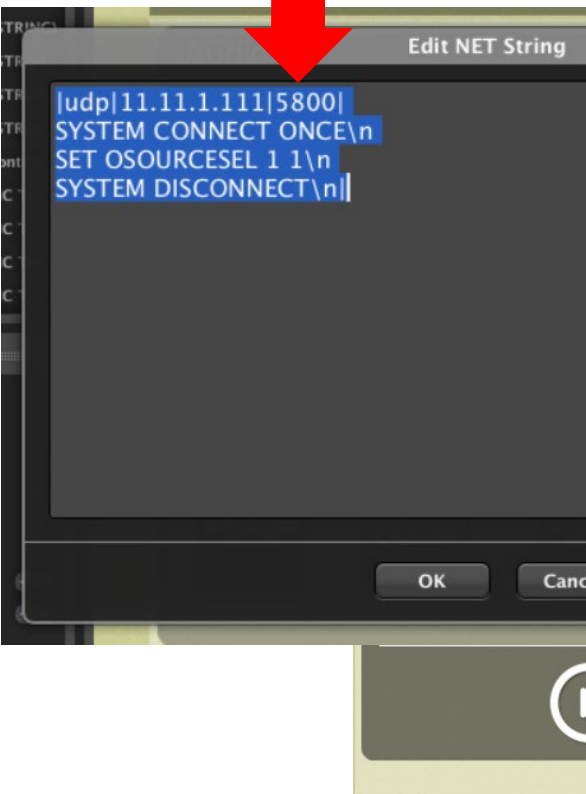
- Sends a defined **UDP or TCP** text string, or a list (batch) of text strings **to the defined IP : port.**
- **Control external devices** from a UCP panel
- We can build an integrated and single control system in an installation (audio, lighting, video, etc.)

Create small control routine for any type of devices: combine audio, lights, video, facilities automation, relays activation, etc. Just with one button!

1. TP-NET protocol (Third-Party NET)

12. HUB SERIES DIGITAL ZONER

IMPORTANT NOTE: The communication must be started with the client sending **the first message** **SYSTEM CONNECT** or **SYSTEM CONNECT ONCE** to the device. Otherwise, the commands from the client to the EclerNet device will be ignored. See chapter 1 for additional information.

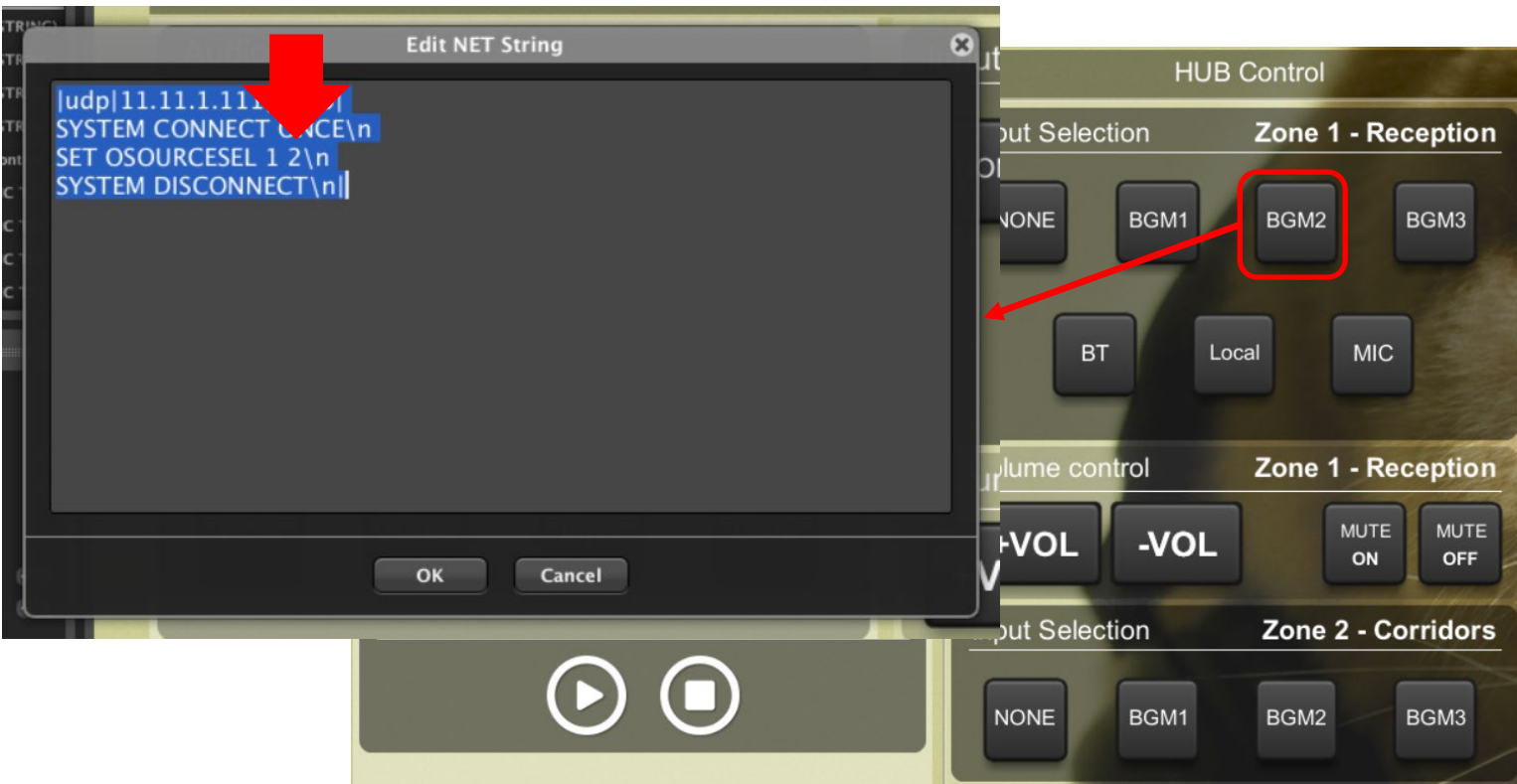


TYPE	PARAM1	PARAM2	PARAM3	PARAM4	DESCRIPTION
SET	IMUTE	<Input Channel>	YES/NO		Sets the current MUTE status of an Input Channel
	ILEVEL	<Input Channel>	<Level>		Sets the current LEVEL of an Input Channel (Level can range from 1 to 100)
	IBASSGAIN	<Input Channel>	<Gain>		Sets the current BASS EQ filter GAIN of an Input Channel (Gain can range from ± 1 to ± 100)
	IMIDGAIN	<Input Channel>	<Gain>		Sets the current MID EQ filter GAIN of an Input Channel (Gain can range from ± 1 to ± 100)
	ITREBLEGAIN	<Input Channel>	<Gain>		Sets the current TREBLE EQ filter GAIN of an Input Channel (Gain can range from ± 1 to ± 100)
	OMUTE	<Output Channel>	YES/NO		Sets the current MUTE status of an Output Channel
	OLEVEL	<Output Channel>	<Level>		Sets the current LEVEL of an Output Channel (Level can range from 1 to 100)
	OTREBLEGAIN	<Output Channel>	<Gain>		Sets the current TREBLE EQ filter GAIN of an Output Channel (Gain can range from ± 1 to ± 100)
	OSOURCESEL	<Output Channel>	<Input>		Sets the selected source (input) for an Output Channel (Input (source) can range from 0 to 16, meaning 0 = no source (silence))

NetString Button Parameters

The list of the available additional parameters / commands for the text field is:

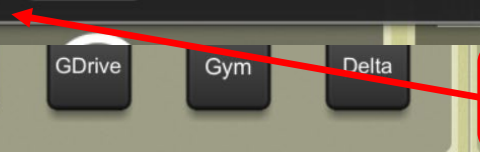
- `\dN` or `\DN` -> delay time added
- `\d1` = `\D1` = 100ms delay
- `\d9` = `\D9` = 900ms delay
- `\d9\d6` = 1500ms delay
- `\xHH` = `\XHH` (for sending commands in hex)
- `\x20` = space
- `\\` = `\`
- `\r` = `0x0D` = cr (carriage return)
- `\n` = `0x0A` =lf (line feed)
- `\0` = `0x00`



```
|udp|11.11.1.111|5800|  
SYSTEM CONNECT ONC n  
INC OLEVEL 1 5\nSYSTEM DISCONNECT\
```



OK Cancel



HUB Control

Input Selection

Zone 1 - Reception

NONE BGM1 BGM2 BGM3

BT Local MIC

Volume control

Zone 1 - Reception

+VOL -VOL MUTE ON MUTE OFF

Video

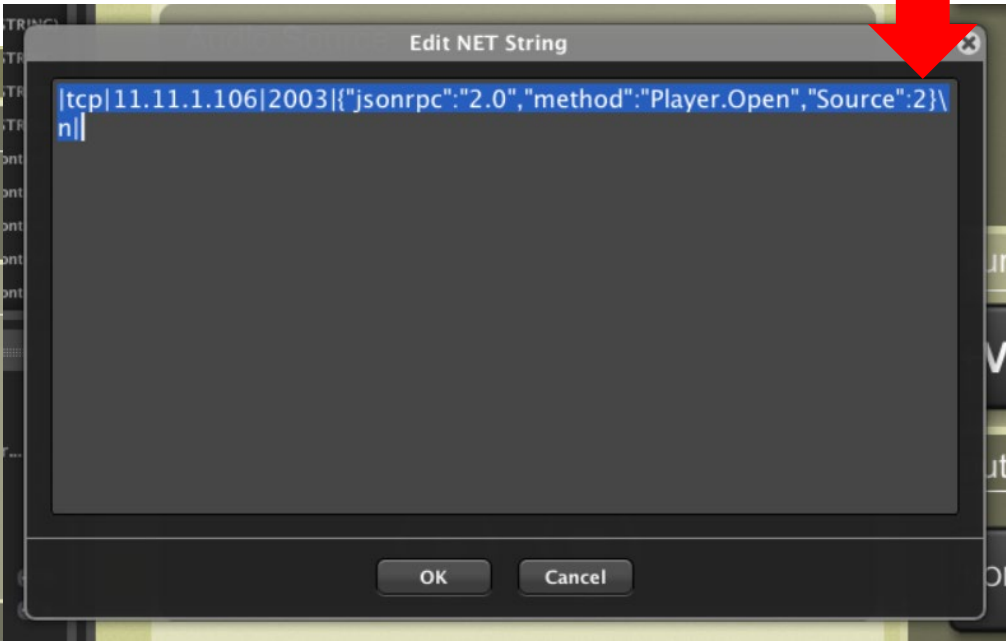
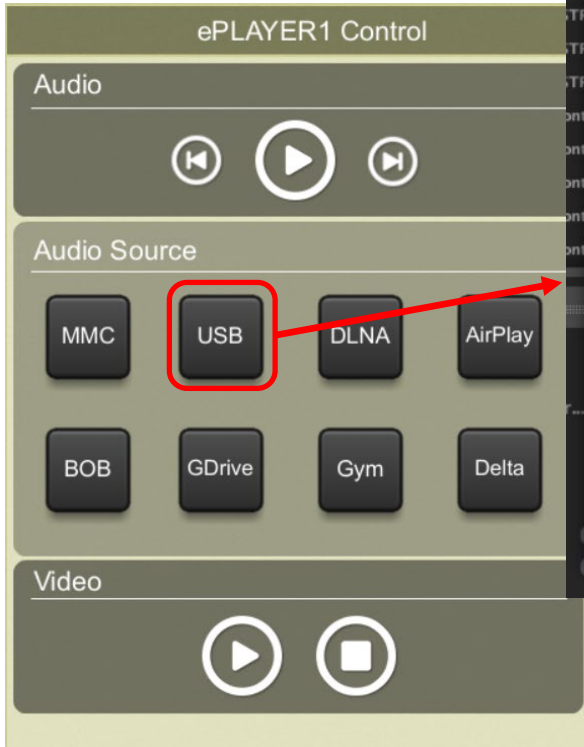


Input Selection

Zone 2 - Corridors

NONE BGM1 BGM2 BGM3







- Rename... F2
- Edit Comments...
- Copy ctrl + C
- Cut ctrl + X
- Paste ctrl + V
- Delete delete
- Add Device...**
- Add Multiple Devices...
- Add Device Group...
- Add Channel Group...
- Project Users...
- Project Settings...
- Preferences...

Design Deploy

NEW

Users

Settings

Lock

Panic

ecler

58.0.18 - Lo...
(1 groups)
(0)
(1 groups)
(1 Panels)

Groups from Device Container

All

POWER

OFF

ON

Add New Device

Device Type EXTERNAL

Device Name HUB

OK

Cancel

Properties

Type Device Group
Name All

D
C
U
P



Explorer

Design

Deploy



Users

Settings

Lock

Panic



Project Explorer (192.168.0.18 - Lo...)

- ▼ Devices (1 groups)
 - ▼ All (1)
 - HUB EXTERNAL
- ▶ Channels (1 groups)
- ▶ User Control Panels (1 Panels)

Properties

Type	Device
Name	HUB

D
C
U
P

Device : HUB

EXTERNAL

⚙ NETWORKING

IP Address **11.11.1.111**



Edit NET String

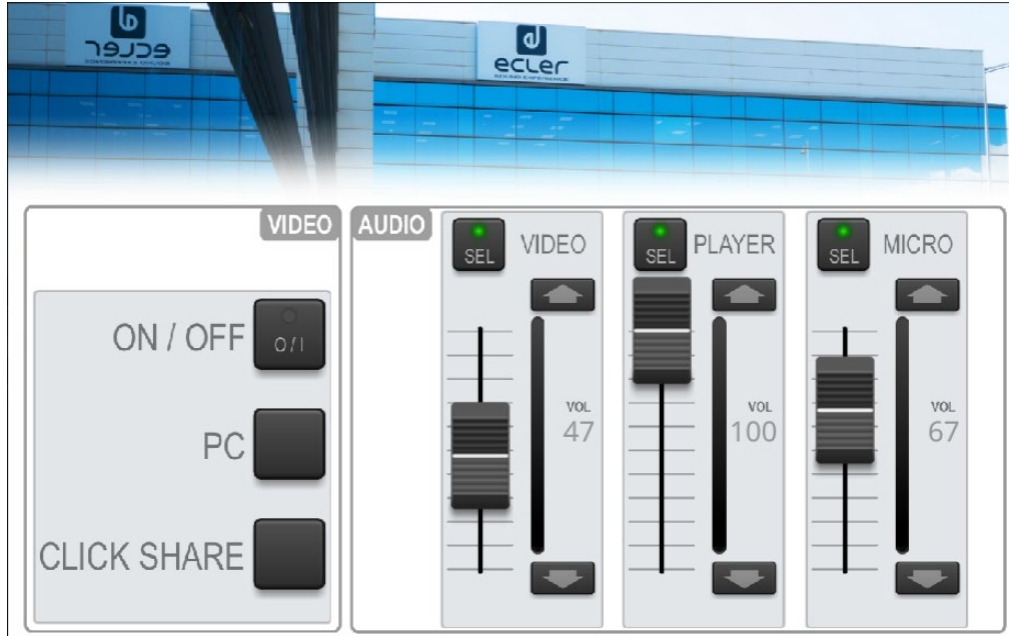


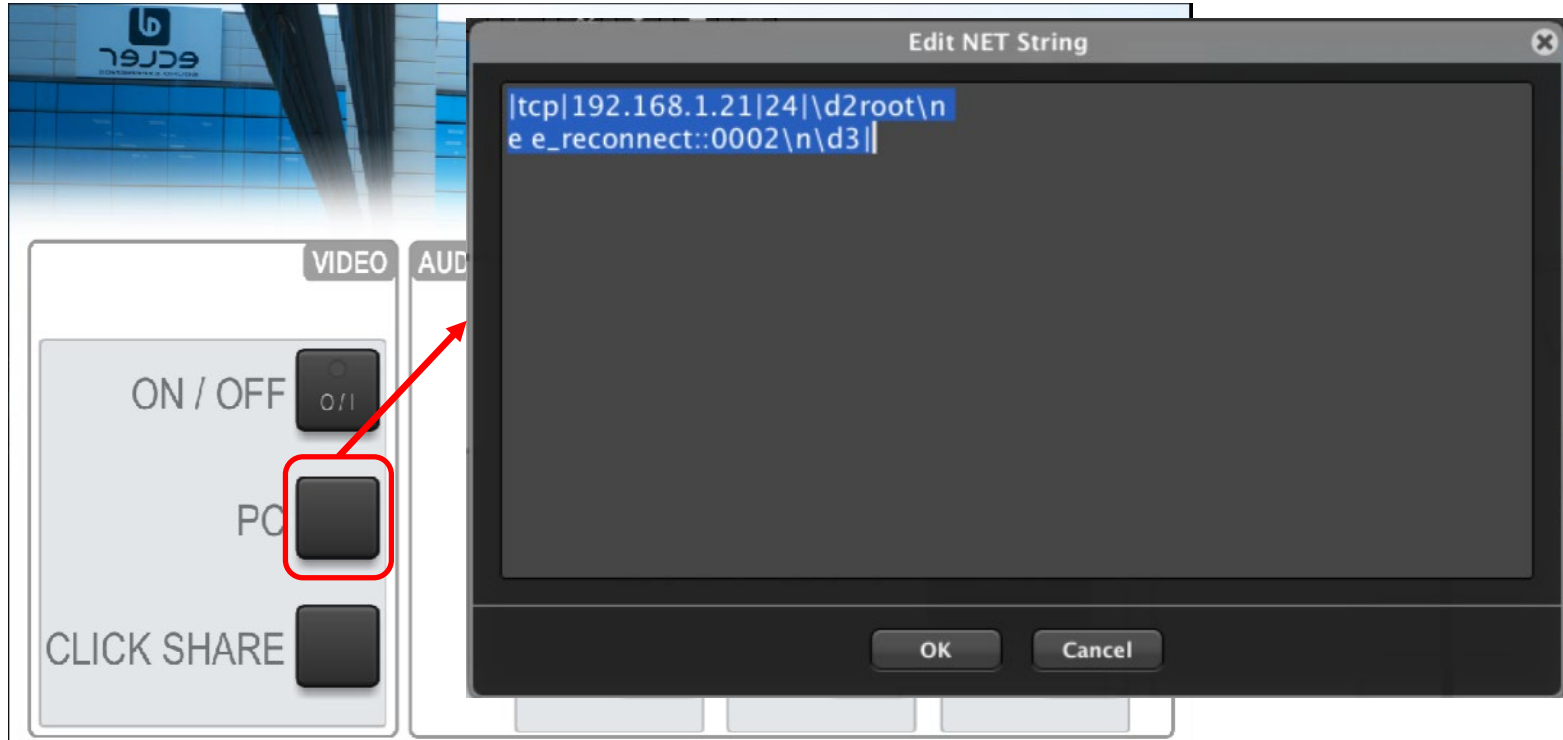
```
|udp|HUB|5800|
SYSTEM CONNECT ONCE\n
SET OSOURCESEL 1 1\n
SYSTEM DISCONNECT\n|
```



OK

Cancel

Audio + Video + Control





Presentation	Video projection
	
 <p>Audio input available Video input available Lights Dimmed</p>	 <p>HDMI input available Audio from HDMI input selected Lights Off</p>
 <p>Defaults BGM selection available</p>	 <p>Defaults BGM selection available</p>

EclerNet Manager: New Features of v.6 Old Softwares and Firmwares

EclerNet Manager v6 new features!

Legacy Versions


If you don't want to update or you don't have backup file.

- 1.- Check the firmware of your devices.
- 2.- Check the software you need in:
EclerNet Manager and related firmware LEGACY VERSIONS (PDF).
- 3.- Look for the software in Downloads/Legacy/Software
- 4.- Install the corresponding version Software to operate your devices.

Legacy Versions

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[Audio](#) / [Software](#) / [EclerNet Manager](#)



EclerNet Manager

EclerNet Software Application

EclerNet Manager is the software application used to build a digital audio system, including hardware and software components. It supports the following product families: NXA Power amplifiers, MIMO88, MIMO88SG and MIMO88SG matrices, MIMO4040DN Dante™ matrix, DN44BOB Dante™ audio interface, PAGENET control interface station and WPNETTOUCH screen control interfaces.

Using the app it's possible to identify every device in the network and configure it, together with...

[More information](#)

[USER MANUAL](#)
[DATA SHEET](#)
[CERTIFICATES](#)
[TECH FILES](#)
[SOFTWARE](#)
[MEDIA](#)
[ACCESSORIES](#)

- EclerNet Software & Firmwares Package (v6.00r2 – November 2020)
- EclerNet Manager and related firmware LEGACY VERSIONS NOV20**
- EclerNet Manager Example Project TCP-UDP
- EclerNet Manager example projects
- EclerNet Manager Extra UCP



Legacy Versions

Release date (aprox.)	EclerNet Manager version	MIMO88 firmware	MIMO88 CONF firmware	MIMO 88SG firmware	MIMO 88SG CONF firmware	MIMO 1212SG firmware	MIMO 1212SG CONF firmware	NXA firmware	NZA firmware	NPA firmware	WPmSCREEN firmware	DUO-NET PLAYER firmware	DN44BOB firmware	
Feb-19	V5.00r5	V2.00r0	V2.00r0	V2.00r0	V2.00r0	V2.00r0	V2.00r0	v1.06r10	v1.04r7	v1.03r4	V2.04r5	V2.00r1	v1.01r10	
		MIMO 4040DN	WPNET 4KV	WPNET 8K	WPNET EX	eMPAGE								
		v1.01r6	v1.02r1			v1.03r3								
Mar-19	V5.00r5 Build 3	MIMO88 firmware	MIMO88 CONF firmware	MIMO 88SG firmware	MIMO 88SG CONF firmware	MIMO 1212SG firmware	MIMO 1212SG CONF firmware	NXA firmware	NZA firmware	NPA firmware	WPmSCREEN firmware	DUO-NET PLAYER firmware	DN44BOB firmware	
		V2.00r5	V2.00r5	V2.00r5	V2.00r5	V2.00r5	V2.00r5	v1.06r12	v1.04r9	v1.03r4	V2.04r5	V2.00r1	v1.01r10	
		MIMO 4040DN	WPNET 4KV	WPNET 8K	WPNET EX	eMPAGE								
		v1.01r7	v1.02r7			v1.03r3								

SOFTWARE: EclerNet Manager

ecler.com/audio/software/eclernet-manager.html#software

Aplicaciones EN ES Q Dante™ DC Simulator Dante Certif Dic Trad Music Marcadores Cookbooks

EN ES DE USA Search LOG IN

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Audio / Software / EclerNet Manager

EclerNet Manager

EclerNet Software

EclerNet Manager is the software that allows you to build a digital audio system, including hardware devices from the following product families: NXA Powered digital audio managers, MIMO88, MIMO88SG and MIMO12125G digital matrices, MIMO4040DN Dante™ matrix, DUO-NET PLAYER, DN44BOB Dante™ audio interface, PAGENETDN paging + control interface station and WPNETTOUCH / WPMSCREEN screen control interfaces.

Using the app it's possible to identify every device connected to the network and configure it, together with the digital accessories that can be connected to it, like the WPTOUCH digital wall panel and the MPAGE16 / eMPAGE digital paging stations.

- Technical requests
- Solution Tutorials
- Downloads
- Legacy downloads
- Warranty conditions
- FAQ
- Webinars
- User manuals
- Software

Search Result

EclerNet Manager Software

Choose Category

Search

Title	File Size	Upload date	Download
EclerNet Manager Software and Firmwares v5.03r09	121.8 MB	27-11-2019	
EclerNet Manager Software and Firmwares v5.02r01	97.6 MB	26-02-2019	
EclerNet Manager Software and Firmwares v4.05r01	65.04 MB	19-04-2018	
EclerNet Manager Software and Firmwares v4.03r02	64.75 MB	17-04-2018	
EclerNet Manager Software and Firmwares v4.01r16	65.22 MB	16-04-2018	
EclerNet Manager Software and Firmwares v4.01r01	63.42 MB	17-10-2016	
EclerNet Manager Software and Firmwares v3.05r34	63.77 MB	17-10-2016	
EclerNet Manager Software and Firmwares v3.05r27	63.55 MB	23-06-2016	
EclerNet Manager Software and Firmwares v3.03r14	41.31 MB	22-03-2016	
EclerNet Manager Software and Firmwares v3.02r04	15.19 MB	29-01-2016	
EclerNet Manager Software and Firmwares v2.06r14	7.51 MB	29-01-2016	
EclerNet Manager Software and Firmwares v2.08r04	4.48 MB	29-01-2016	
EclerNet Manager Software and Firmwares v2.08r16	12.45 MB	29-01-2016	
EclerNet Manager Software and Firmwares v2.09r06	19.93 MB	29-01-2016	
EclerNet Manager Software and Firmwares v2.09r22	14.15 MB	29-01-2016	
EclerNet Manager Software and Firmwares v2.11r17	13.81 MB	29-01-2016	
EclerNet Manager Software and Firmwares v2.11r18	26.44 MB	29-01-2016	
EclerNet Manager Software and Firmwares v2.11r25	13.83 MB	29-01-2016	
EclerNet Manager Software and Firmwares v2.11r27	14.59 MB	29-01-2016	
EclerNet Manager Software and Firmwares v2.14r21	15.17 MB	29-01-2016	
EclerNet Manager Software and Firmwares v2.14r26	15.17 MB	29-01-2016	
EclerNet Manager Software and Firmwares v2.14r27	15.6 MB	29-01-2016	
EclerNet Manager Software and Firmwares v2.15r05	14.73 MB	29-01-2016	
EclerNet Manager Software and Firmwares v2.15r09	6.65 MB	29-01-2016	
EclerNet Manager Software and Firmwares v2.15r10	14.41 MB	29-01-2016	

EclerNet Manager: NXA



Explorer

Design

Deploy

Users

Settings

Lock

Panic



Project Explorer (192.168.0.1...)

- Devices (1 groups)
 - All (1)
 - NXA NXA4-200
- Channels (1 groups)
 - User Control Panels (0 Panels)

Properties

Type: Device
Name: NXA

Device: NXA

NXA4-200 PRESET 01 - EMPTY PRESET FIRMWARE ---

GENERATOR

SIGNAL PINK NOISE

600 2k 5k
150 20 10k 20k
FREQUENCY

CONFIG

ANTICLIP MODE SOFT AMP TEST MODE OFF
 AUTO STANDBY ON POWER BUTTON ENABLED
 PRESET 1 START UP OFF LEVEL KNOBS ENABLED

OPERATING TIME ---

NETWORKING

ETHERNET MAC ---
 IP ADDRESS 0.0.0.0
 UDP PORT 2210
 SUBNET MASK ---
 GATEWAY ---

FRONT PANEL KNOBS

Knob	Label	1	2	3	4
KNOB1	OUTPUT VOL.	█			
KNOB2	OUTPUT VOL.		█		
KNOB3	OUTPUT VOL.			█	
KNOB4	OUTPUT VOL.				█

GPIs

GPI	Label	1	2	3	4
GPI1	OUTPUT VOL.				
GPI2	OUTPUT VOL.				
GPI3	OUTPUT VOL.				
GPI4	OUTPUT VOL.				

CH1/2 B Channel 1

INPUTS

GEN 0,0 dB

IN 1 0,0 dB

IN 2 -11,3 dB

IN 3 -10,0 dB

IN 4 0,0 dB

CROSSOVER

LOW-PASS TYPE Bypass

600 2k 5k
150 20 10k 20k
FREQUENCY

HIGH-PASS TYPE Bypass

600 2k 5k
150 20 10k 20k
FREQUENCY

COMPRESSOR

-18 0
-27 +9
THRESHOLD +18,0 dB

GR

1:1 RATIO 1:1

AUTO

MIN MAX MIN MAX
ATTACK RELEASE

DELAY

MIN MAX
0,00 ms

PARAMETRIC EQ

1 2 3 4 5 6 7 8

600 2k 5k
150 20 10k 20k
TYPE

MIN MAX MIN MAX

OUT LEVEL

ENABLED

MIN -inf
MAX 0,0 dB

CONFIG

GAIN 26 dB
 OUTPUT MODE BRIDGE 1/2

EclerNet Manager: DUO-NET PLAYER



Explorer

Design

Deploy

Users

Settings

Lock

Panic

ecler

Project Explorer (192.168.0.13 - Local)

▼ Devices (1 groups)

▼ All (1)

▶ DUO-NET DUO-NET

▶ Channels (1 groups)

User Control Panels (0 Panels)

Device : DUO-NET

DUO-NET

PRESET 01 - PRESET 01

FIRMWARE ---

Device

PlayerA

PlayerB

Priority1

Priority2

GPIs

GPI 4 GPI 3 GPI 2 GPI 1

GPI CODE

CONFIG

Preset 1 Start-Up **OFF**

Discard Invalid Media **OFF**

Local Playback Keys **ON**

Local F1-F5 Keys **ON**

Local Menu Key **ON**

IR Remote Enable **ON**

IR Remote F1-F5 Keys **ON**

IR Remote Varispeed Keys **ON**

GPI Mode **SINGLE**LCD Mode **ON**LCD Backlight **100**LCD Contrast **50**Local Date and Time **---**NTP Synchronization **OFF**NTP Server **---**Time Zone **UTC**

NETWORKING

Ethernet MAC **---**IP Address **0.0.0.0**UDP Port **2210**Subnet Mask **---**Gateway **---**

Enable/disable
Local / IR Remote Controls

Important for
Time Scheduled Events

Online and Unused Device List

D
C
U
P



Project Explorer (192.168.0.13 - Local)

- Devices (1 groups)
 - All (1)
 - DUO-NET DUO-NET
- Channels (1 groups)
- User Control Panels (0 Panels)

Online and Unused Device List

D
C
U
P

Device : DUO-NET

DUO-NET PRESET 01 - PRESET 01 FIRMWARE ---

Device **PlayerA** PlayerB Priority1 Priority2

⏮ ⏪ ⏩ ⏭
▾ 🔄 🔄 ✖
🔊 0
ON 0

Transport Controls Load Playlist Volume
 Play Mode Stereo/Mono
 Repeat Mode Varispeed
 Fade mode

PLAYLIST 01:



Explorer

Design

Deploy

Users

Settings

Lock

Panic

ecler

Project Explorer (192.168.0.13 - Local)

- ▼ Devices (1 groups)
 - ▼ All (1)
 - ▶ DUO-NET DUO-NET
- ▶ Channels (1 groups)
 - User Control Panels (0 Panels)

Device : DUO-NET

DUO-NET

PRESET 01 - PRESET 01

FIRMWARE ---

Device

PlayerA

PlayerB

Priority1

Priority2



ON



+14

Online and Unused Device List

D

C

U

P

PLAYLIST 01:



Project Explorer (192.168.0.13 - Local)

- Devices (1 groups)
 - All (1)
 - DUO-NET
- Channels (1 groups)
- User Control Panels (0 Panels)

Online and Unused Device List

D
C
U
P

Device : DUO-NET

PRESET 01 - PRESET 01 FIRMWARE ---

Device PlayerA PlayerB **Priority1** Priority2

PRIORITY MEDIA PARAMETERS

Status	Priority	Prio. Vol.
<input type="checkbox"/>	HIGH	0,0 dB

PLAYER MEDIA PARAMETERS

Att. Depth	Fade-out Time	Fade-in Time
-12,0 dB	3,0 s	3,0 s

PRIORITY MEDIA INFO

Priority (H/L) Attenuation of
Priority Vol Program Media Player
Fading Times



Explorer

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Users

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Panic

ecler

Project Explorer (192.168.0.13 - Local)

- ▼ Devices (1 groups)
 - ▼ All (1)
 - ▶ DUO-NET DUO-NET
- ▶ Channels (1 groups)
- User Control Panels (0 Panels)

Device : DUO-NET

DUO-NET

PRESET



FIRMWARE



Device

PlayerA

PlayerB

Priority1

Priority2



Events View

PRIORITY MEDIA PARAMETERS

PLAYER MEDIA PARAMETERS

Status



Priority

LOW

Prio. Vol.



0,0 dB

Att. Depth



-12,0 dB

Fade-out Time



5,0 s

Fade-in Time



5,0 s

PRIORITY MEDIA INFO

Online and Unused Device List



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ecler

Project Explorer (192.168.0.13 - Local)

- Devices (1 groups)
 - All (1)
 - DUO-NET DUO-NET
- Channels (1 groups)
- User Control Panels (0 Panels)

Device : DUO-NET

DUO-NET

PRESET 01 - PRESET 01

FIRMWARE ---

Device

PlayerA

PlayerB

Priority1

Priority2



Playlists

#	Name	Playlist Contents
01	USB	usb://
02	SD CARD	
03	MENSAJE01	
04	STREAMING	
05	PLAYLIST 05	
06	PLAYLIST 06	
07	PLAYLIST 07	
08	PLAYLIST 08	
09	PLAYLIST 09	
10	PLAYLIST 10	
11	PLAYLIST 11	
12	PLAYLIST 12	
13	PLAYLIST 13	
14	PLAYLIST 14	
15	PLAYLIST 15	
16	PLAYLIST 16	
17	PLAYLIST 17	

Online and Unused Device List

D
C
U
P



Explorer

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ecler

Project Explorer (192.168.0.13 - Local)

- Devices (1 groups)
 - All (1)
 - DUO-NET DUO-NET
- Channels (1 groups)
- User Control Panels (0 Panels)

Device : DUO-NET

DUO-NET

PRESET 01 - PRESET 01

FIRMWARE ---

Device

PlayerA

PlayerB

Priority1

Priority2

Playlists

#	Name	Playlist Contents
01	USB	mmc://
02	SD CARD	
03	MENSAJE01	
04	STREAMING	
05	PLAYLIST 05	
06	PLAYLIST 06	
07	PLAYLIST 07	
08	PLAYLIST 08	
09	PLAYLIST 09	
10	PLAYLIST 10	
11	PLAYLIST 11	
12	PLAYLIST 12	
13	PLAYLIST 13	
14	PLAYLIST 14	
15	PLAYLIST 15	
16	PLAYLIST 16	
17	PLAYLIST 17	

Online and Unused Device List

D
C
U
P



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ecler

Project Explorer (192.168.0.13 - Local)

- Devices (1 groups)
 - All (1)
 - DUO-NET DUO-NET
- Channels (1 groups)
- User Control Panels (0 Panels)

Device : DUO-NET

DUO-NET

PRESET 01 - PRESET 01

FIRMWARE ---

Device

PlayerA

PlayerB

Priority1

Priority2

Playlists

#	Name	Playlist Contents
01	USB	lan://10.0.1.55/mensaje01.mp3
02	SD CARD	usb://music/
03	MENSAJE01	
04	STREAMING	
05	PLAYLIST 05	
06	PLAYLIST 06	
07	PLAYLIST 07	
08	PLAYLIST 08	
09	PLAYLIST 09	
10	PLAYLIST 10	
11	PLAYLIST 11	
12	PLAYLIST 12	
13	PLAYLIST 13	
14	PLAYLIST 14	
15	PLAYLIST 15	
16	PLAYLIST 16	
17	PLAYLIST 17	

Online and Unused Device List

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ecler

Project Explorer (192.168.0.13 - Local)

- Devices (1 groups)
 - All (1)
 - DUO-NET DUO-NET
- Channels (1 groups)
- User Control Panels (0 Panels)

Device : DUO-NET

DUO-NET

PRESET 01 - PRESET 01

FIRMWARE ---

Device **PlayerA** PlayerB Priority1 Priority2

Playlists

#	Name	Playlist Contents
01	USB	
02	SD CARD	
03	MENSAJE01	
04	STREAMING	http://stream1.megarockradio.net:8240
05	PLAYLIST 05	
06	PLAYLIST 06	
07	PLAYLIST 07	
08	PLAYLIST 08	
09	PLAYLIST 09	
10	PLAYLIST 10	
11	PLAYLIST 11	
12	PLAYLIST 12	
13	PLAYLIST 13	
14	PLAYLIST 14	
15	PLAYLIST 15	
16	PLAYLIST 16	
17	PLAYLIST 17	

Online and Unused Device List

D
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Explorer

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ecler

Project Explorer (192.168.0.13 - Local)

- ▼ Devices (1 groups)
 - ▼ All (1)
 - ▶ DUO-NET DUO-NET
- ▶ Channels (1 groups)
- User Control Panels (0 Panels)

Device : DUO-NET

DUO-NET

PRESET 01 - PRESET 01

FIRMWARE ---

Device **PlayerA** PlayerB Priority1 Priority2

Playlists

#	Name	Playlist Contents
83	PLAYLIST 83	
84	PLAYLIST 84	
85	PLAYLIST 85	
86	PLAYLIST 86	
87	PLAYLIST 87	
88	PLAYLIST 88	
89	PLAYLIST 89	
90	PLAYLIST 90	
91	PLAYLIST 91	
92	PLAYLIST 92	
93	PLAYLIST 93	
94	PLAYLIST 94	
95	PLAYLIST 95	
96	PLAYLIST 96	
97	PLAYLIST 97	
98	PLAYLIST 98	
99	PLAYLIST 99	

Online and Unused Device List

D
C
U
P



Explorer

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Project Explorer (192.168.0.13 - Local)

Device : DUO-NET

Devices

All

Channels

User Con

Add New Event

Event Enable Event Name

SOURCE

Input

CONFIG

TARGET

Output

CONFIG

OK

Cancel

16 EVENT 16

IR Remote F1, Direct, Player B

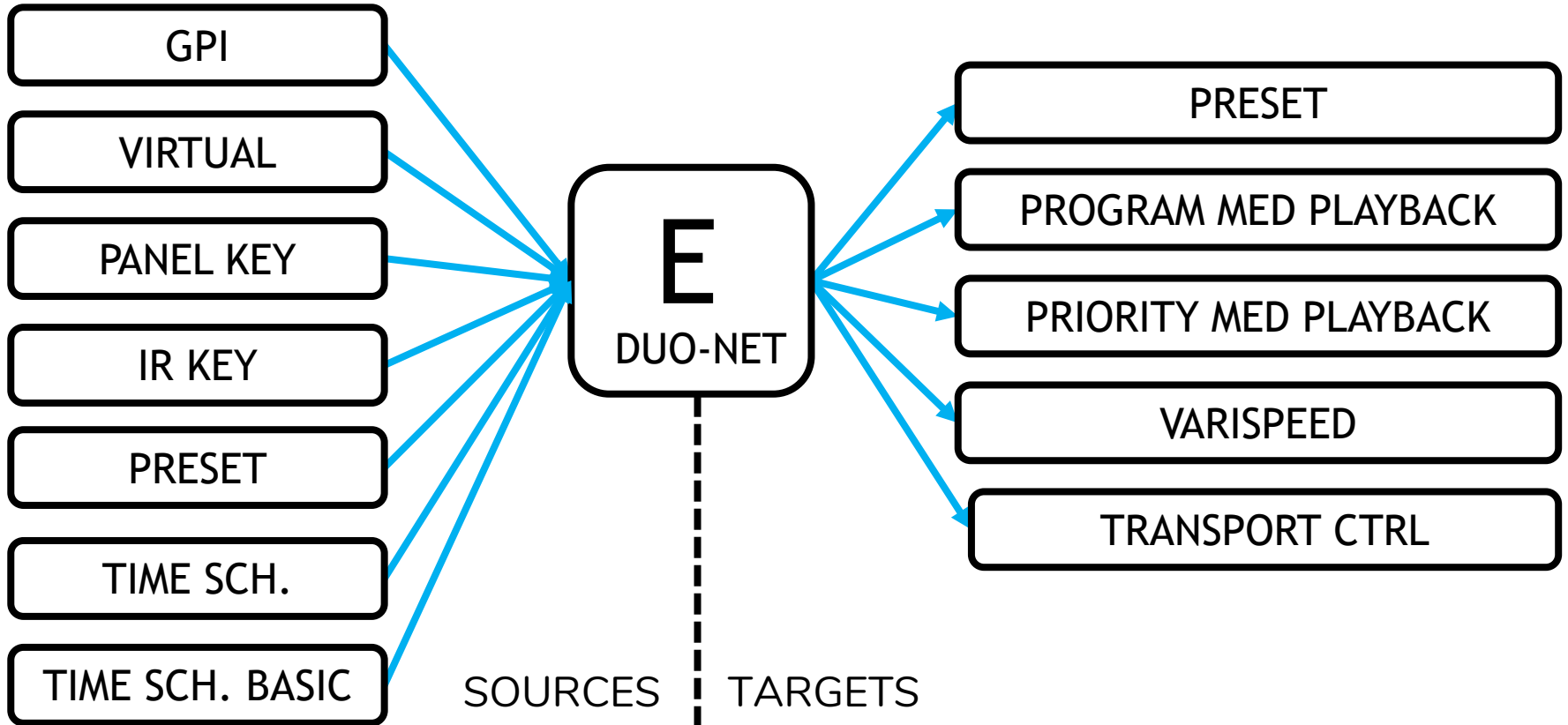
Playlist 01 - USB, Player B

17 EVENT 17

IR Remote F2, Direct, Player B

Playlist 02 - SD CARD, Player B

Events



Event example (Time Scheduler Basic)

Configure Event Input: Time Scheduler (Basic)

Date and Time interval

Edit Event

Event Enable

Event Name

SOURCE

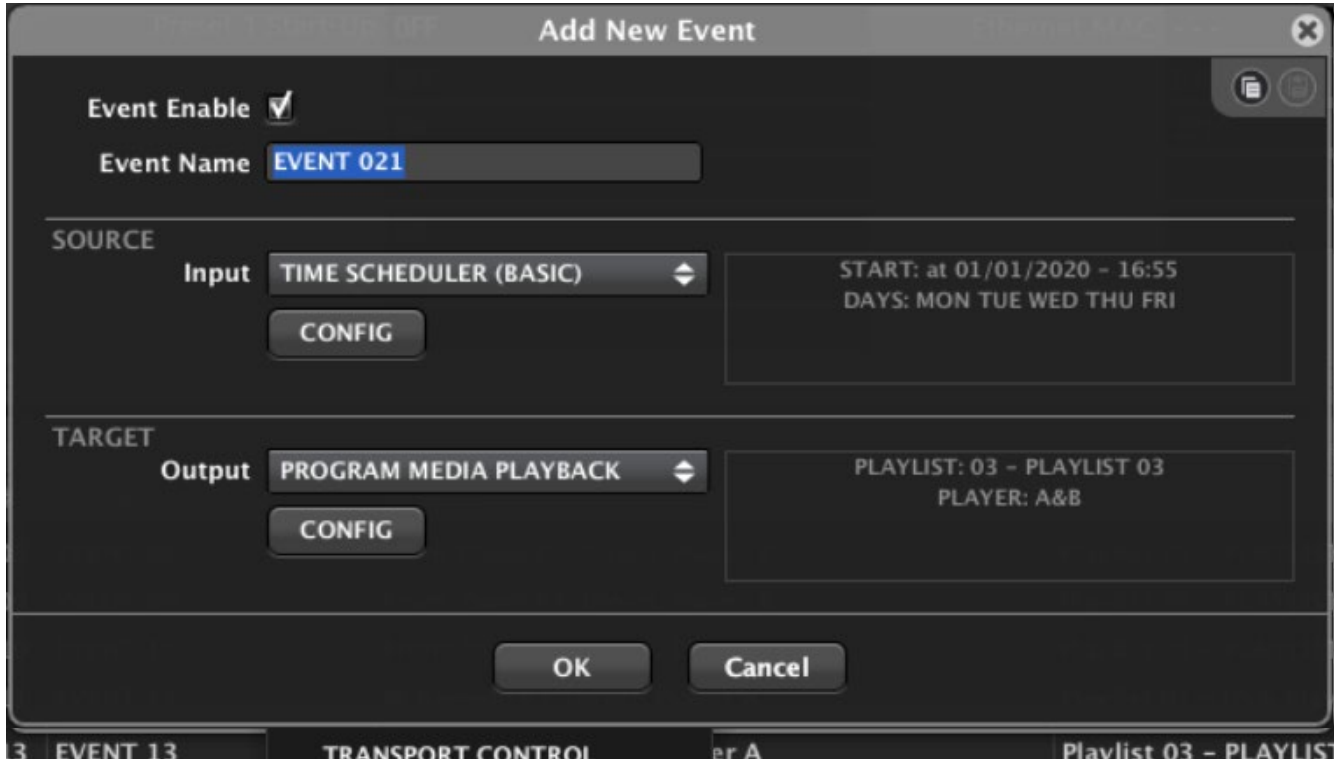
Input

START: at 01/01/2020 - 16:55
DAYS: MON TUE WED THU FRI

TARGET

Output

Event example (Time Scheduler Basic)





Explorer

Design

Deploy

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Panic



Project Explorer (192.168.0.18 ...)

▼ Devices (1 groups)

▼ All (1)

▶ DUO-NET DUO-NET

▶ Channels (1 groups)

▶ User Control Panels (1 Panels)

Properties

Type Device

Name DUO-NET

Device : DUO-NET

DUO-NET

PRESET 01 - PRESET 01

FIRMWARE ---

Device

PlayerA

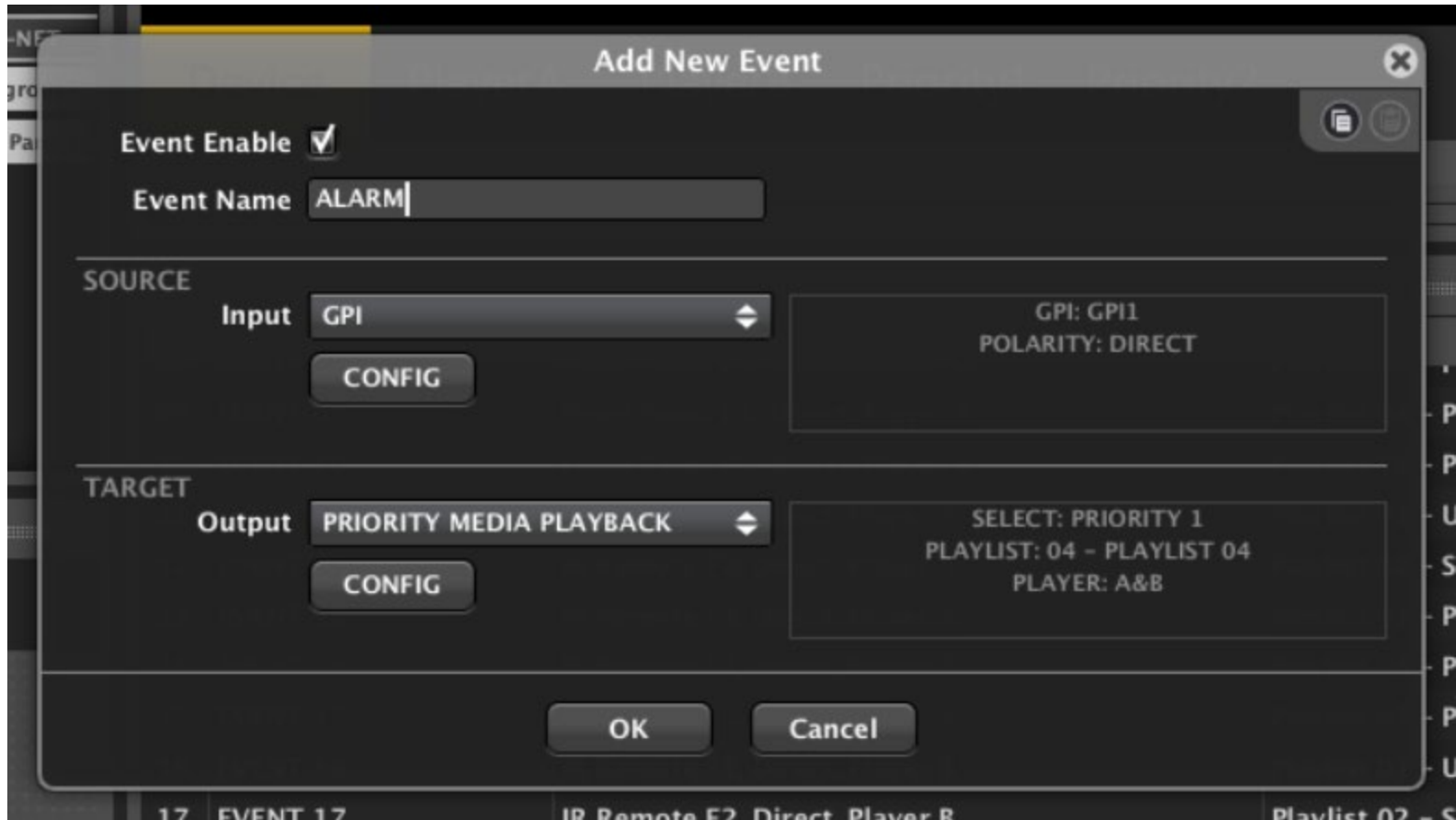
PlayerB

Priority1

Priority2

Events

#	Name	Source	Target
08	EVENT 08	Front Panel F3, Direct, Player B	Playlist 03 - PLAYLIST 03, Player B
09	EVENT 09	Front Panel F4, Direct, Player B	Playlist 04 - PLAYLIST 04, Player B
10	EVENT 10	Front Panel F5, Direct, Player B	Playlist 05 - PLAYLIST 05, Player B
11	EVENT 11	IR Remote F1, Direct, Player A	Playlist 01 - USB, Player A
12	EVENT 12	IR Remote F2, Direct, Player A	Playlist 02 - SD CARD, Player A
13	EVENT 13	IR Remote F3, Direct, Player A	Playlist 03 - PLAYLIST 03, Player A
14	EVENT 14	IR Remote F4, Direct, Player A	Playlist 04 - PLAYLIST 04, Player A
15	EVENT 15	IR Remote F5, Direct, Player A	Playlist 05 - PLAYLIST 05, Player A
16	EVENT 16	IR Remote F1, Direct, Player B	Playlist 01 - USB, Player B
17	EVENT 17	IR Remote F2, Direct, Player B	Playlist 02 - SD CARD, Player B
18	EVENT 18	IR Remote F3, Direct, Player B	Playlist 03 - PLAYLIST 03, Player B
19	EVENT 19	IR Remote F4, Direct, Player B	Playlist 04 - PLAYLIST 04, Player B
20	EVENT 20	IR Remote F5, Direct, Player B	Playlist 05 - PLAYLIST 05, Player B
21	EVENT 021	Time 01/01/2020 - 16:55	Playlist 03 - PLAYLIST 03, Player A&B





Explorer

Design

Deploy

Users

Settings

Lock

Panic



Project Explorer (192.168.0.18 ...)

- ▼ Devices (1 groups)
 - ▼ All (1)
 - ▶ DUO-NET DUO-NET
- ▶ Channels (1 groups)
- ▶ User Control Panels (1 Panels)

Device : DUO-NET

DUO-NET

PRESET 01 - PRESET 01

FIRMWARE

Device

PlayerA

PlayerB

Priority1

Priority2



Events

#	Name	Source	Target
9	EVENT 09	Front Panel F4, Direct, Player B	Playlist 04 - PLAYLIST 04, Player B
10	EVENT 10	Front Panel F5, Direct, Player B	Playlist 05 - PLAYLIST 05, Player B
11	EVENT 11	IR Remote F1, Direct, Player A	Playlist 01 - USB, Player A
12	EVENT 12	IR Remote F2, Direct, Player A	Playlist 02 - SD CARD, Player A
13	EVENT 13	IR Remote F3, Direct, Player A	Playlist 03 - PLAYLIST 03, Player A
14	EVENT 14	IR Remote F4, Direct, Player A	Playlist 04 - PLAYLIST 04, Player A
15	EVENT 15	IR Remote F5, Direct, Player A	Playlist 05 - PLAYLIST 05, Player A
16	EVENT 16	IR Remote F1, Direct, Player B	Playlist 01 - USB, Player B
17	EVENT 17	IR Remote F2, Direct, Player B	Playlist 02 - SD CARD, Player B
18	EVENT 18	IR Remote F3, Direct, Player B	Playlist 03 - PLAYLIST 03, Player B
19	EVENT 19	IR Remote F4, Direct, Player B	Playlist 04 - PLAYLIST 04, Player B
20	EVENT 20	IR Remote F5, Direct, Player B	Playlist 05 - PLAYLIST 05, Player B
21	EVENT 021	Time 01/01/2020 - 16:55	Playlist 03 - PLAYLIST 03, Player A&B
22	ALARM	GPI1, Direct	Priority1, Playlist 04 - PLAYLIST 04, Player A&B

Properties

Type Device
Name DUO-NET

D

C

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P

▲

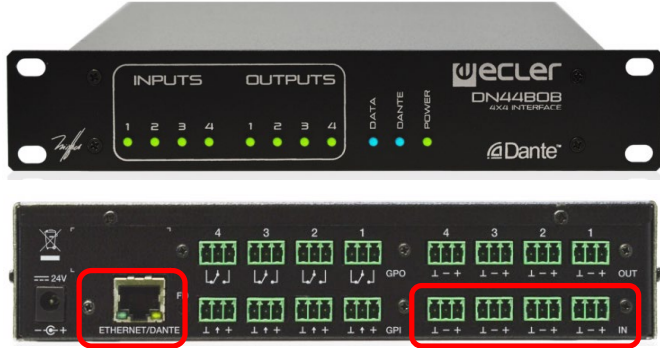
EclerNet Manager: DN44BOB

DN44BOB

The screenshot displays the EclerNet Manager interface for configuring a DN44BOB device. The interface is organized into several functional areas:

- Project Explorer (10.0.1.58 - Local):** A tree view on the left showing the device hierarchy. The 'Devices' group contains various models like DUO-NET, MIMO88, MIMO1616, MIMO88SG, MIMO1212SG, EJEMPLO 88SG, MIMO88 CONF, NXA4-400, and the selected **DN44BOB**. Below it are 'Channels' and 'User Control Panels'.
- Device: DN44BOB:** The main configuration area, currently showing the '01 - EMPTY PRES01' preset.
 - CONFIG:** Includes 'PRESET 1 START UP' (OFF) and 'OPERATING TIME' (---).
 - NETWORKING:** Shows Ethernet MAC (---), IP ADDRESS (0.0.0.0), UDP PORT (2210), SUBNET MASK (---), and GATEWAY (---).
 - GPIS:** A 4x4 grid of buttons for GPI1-GPI4, each with an 'OUTPUT VOL.' control.
 - GPOS:** Four buttons labeled 1, 2, 3, and 4.
 - ANALOG AUDIO INPUTS:** Four channels (IN 1-4) with 'PHANTOM' checkboxes, level meters (0 dB, -20 dB, -40 dB), and gain controls (-10 to +10 dB).
 - DANTE CHANNELS (Receivers):** Four channels (OUT 1-4) with gain controls (0 to +6 dB) and level meters.
 - DANTE CHANNELS (Transmitters):** Four channels (OUT 1-4) with gain controls (0 to +6 dB) and level meters.
 - ANALOG AUDIO OUTPUTS:** Four channels (OUT 1-4) with gain controls (0 to +6 dB) and level meters.
- Online and Unused Device List:** A section at the bottom for monitoring device status, currently empty.

DN44BOB



EclerNet Manager - New Project*

File Edit UCP Server View Help

Explorer Design Deploy Users Settings Lock Panic ecler

Project Explorer (192.168...)

- Devices (1 groups)
 - All (1)
 - Device 01 DN44BOB
- Channels (1 groups)
- User Control Panels (0 Panels)

Device: Device 01

DN44BOB PRESET 01 - EMPTY PRES01 FIRMWARE ...

CONFIG

PRESET 1 START UP OFF
OPERATING TIME ---

NETWORKING

ETHERNET MAC ---
IP ADDRESS 0.0.0.0
UDP PORT Z210
SUBNET MASK ---
GATEWAY ---

GPIs

GPI1	OUTPUT VOL.	1	2	3	4
GPI2	OUTPUT VOL.				
GPI3	OUTPUT VOL.				
GPI4	OUTPUT VOL.				

GPOS

1	2	3	4
---	---	---	---

ANALOG AUDIO INPUTS

1	2	3	4
IN 1	IN 2	IN 3	IN 4
<input type="checkbox"/> PHANTOM	<input type="checkbox"/> PHANTOM	<input type="checkbox"/> PHANTOM	<input type="checkbox"/> PHANTOM
0 dB	0 dB	0 dB	0 dB
-20 dB	-20 dB	-20 dB	-20 dB
-40 dB	-40 dB	-40 dB	-40 dB
GAIN 0,0 dB	GAIN 0,0 dB	GAIN 0,0 dB	GAIN 0,0 dB
CLIP	CLIP	CLIP	CLIP
0,0 dB	0,0 dB	0,0 dB	0,0 dB

DANTE CHANNELS (Receivers)

1	2	3	4
OUT 1	OUT 2	OUT 3	OUT 4
GAIN 0,0 dB	GAIN 0,0 dB	GAIN 0,0 dB	GAIN 0,0 dB
CLIP	CLIP	CLIP	CLIP
0,0 dB	0,0 dB	0,0 dB	0,0 dB

DANTE CHANNELS (Transmitters)

ANALOG AUDIO OUTPUTS

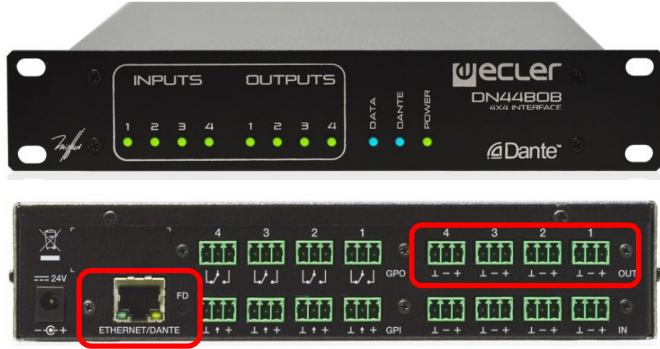
Properties

Type Device
Name Device 01

Dante Inputs Preamp

Dante Transmitters

DN44BOB



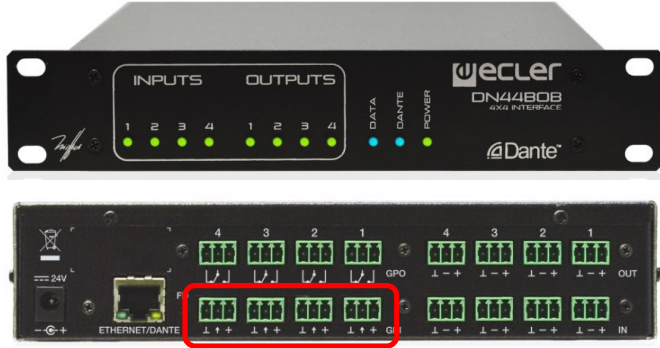
The screenshot shows the EclerNet Manager software interface for a DN44BOB device. The interface is divided into several sections:

- Project Explorer:** Shows the device hierarchy: Devices (1 group) > All (1) > Device 01 > DN44BOB. Channels (1 group) and User Control Panels (0 Panels) are also listed.
- Device: Device 01:** Shows the device name and preset: DN44BOB, PRESET 01 - EMPTY PRES01.
- CONFIG:** Includes 'PRESET 1 START UP: OFF' and 'OPERATING TIME: ---'.
- NETWORKING:** Lists network parameters: ETHERNET MAC: ---, IP ADDRESS: 0.0.0.0, UDP PORT: Z210, SUBNET MASK: ---, GATEWAY: ---.
- GPIs:** Shows four channels (GPI1-GPI4) with 'OUTPUT VOL.' controls.
- GPOS:** Shows four channels (GPO1-GPO4) with gain controls.
- ANALOG AUDIO INPUTS:** Shows four channels (IN 1-IN 4) with 'PHANTOM' checkboxes, 'GAIN' controls (0 dB, -20 dB, -40 dB), and 'CLIP' indicators.
- DANTE CHANNELS (Receivers):** Shows four channels (OUT 1-OUT 4) with 'GAIN' controls (+6 dB, 0.0 dB) and 'CLIP' indicators. This section is circled in red.
- ANALOG AUDIO OUTPUTS:** Shows four channels with 'GAIN' controls (0.0 dB) and 'CLIP' indicators.
- Properties:** Shows 'Type: Device' and 'Name: Device 01'.

Red annotations are present:

- A red box highlights the 'ETHERNET/DANTE' port on the physical device.
- A red box highlights the Dante connection ports on the physical device.
- Red text 'Dante Receivers Level/Gain Adjust' is overlaid on the Dante Channels section.
- Red text 'Analogue Outputs' is overlaid on the Analog Audio Outputs section.
- The Dante Channels section is circled in red.

DN44BOB



Project Explorer (192.168...)

- Devices (1 groups)
 - All (1)
 - Device 01 DN44BOB
- Channels (1 groups)
- User Control Panels (0 Panels)

Device: Device 01

DN44BOB PRESET 01 - EMPTY PRES01 FIRMWARE ...

CONFIG

PRESET 1 START UP OFF
OPERATING TIME ---

NETWORKING

ETHERNET MAC ---
IP ADDRESS 0.0.0.0
UDP PORT 2210
SUBNET MASK ---
GATEWAY ---

GPI

	1	2	3	4
GPI1	PRESETS			
GPI2	OUTPUT VOL.			
GPI3	INPUT VOL.			
GPI4	INPUT VOL.			

GPOS

	1	2	3	4

ANALOG AUDIO INPUTS

1	2	3	4
IN 1	IN 2	IN 3	IN 4
PHANTOM	PHANTOM	PHANTOM	PHANTOM
0 dB	0 dB	0 dB	0 dB
-20 dB	-20 dB	-20 dB	-20 dB
-40 dB	-40 dB	-40 dB	-40 dB
GAIN 0,0 dB	GAIN 0,0 dB	GAIN 0,0 dB	GAIN 0,0 dB
CLIP	CLIP	CLIP	CLIP
0,0 dB	0,0 dB	0,0 dB	0,0 dB

DANTE CHANNELS (Receivers)

1	2	3	4
OUT 1	OUT 2	OUT 3	OUT 4
PHANTOM	PHANTOM	PHANTOM	PHANTOM
0 dB	0 dB	0 dB	0 dB
-20 dB	-20 dB	-20 dB	-20 dB
-40 dB	-40 dB	-40 dB	-40 dB
GAIN 0,0 dB	GAIN 0,0 dB	GAIN 0,0 dB	GAIN 0,0 dB
CLIP	CLIP	CLIP	CLIP
0,0 dB	0,0 dB	0,0 dB	0,0 dB

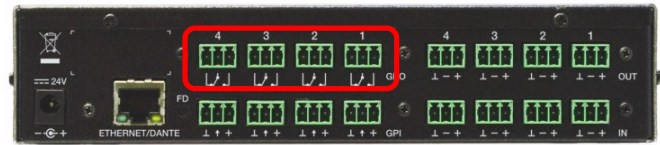
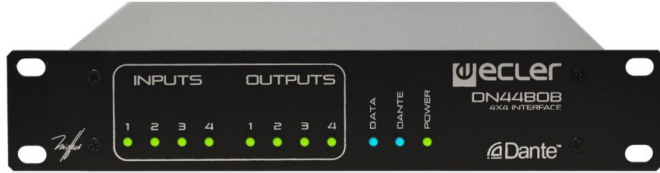
DANTE CHANNELS (Transmitters)

ANALOG AUDIO OUTPUTS

Properties

Type: Device
Name: Device 01

DN44BOB



Screenshot of the EclerNet Manager software interface for the DN44BOB device. The interface shows the device configuration and control panels.

Project Explorer (192.168...)

- Devices (1 groups)
 - All (1)
 - Device 01 DN44BOB
- Channels (1 groups)
- User Control Panels (0 Panels)

Device: Device 01

DN44BOB

CONFIG

- PRESET: 01 - EMPTY PRES01, 02 - EMPTY PRES02, 03 - EMPTY PRES03, 04 - EMPTY PRES04, 05 - EMPTY PRES05 (selected)
- PRESET 1 START UP: OFF
- OPERATING TIME: ---

NETWORKING

- MAC: ---
- IP: 0.0.0.0
- PORT: Z210
- SUBNET MASK: ---
- GATEWAY: ---

GPI

	1	2	3	4
GPI1	OUTPUT VOL.			
GPI2	OUTPUT VOL.			
GPI3	OUTPUT VOL.			
GPI4	OUTPUT VOL.			

GPOS

	1	2	3	4
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ANALOG AUDIO INPUTS

1	2	3	4
IN 1	IN 2	IN 3	IN 4
PHANTOM	PHANTOM	PHANTOM	PHANTOM
0 dB	0 dB	0 dB	0 dB
-20 dB	-20 dB	-20 dB	-20 dB
-40 dB	-40 dB	-40 dB	-40 dB
GAIN	GAIN	GAIN	GAIN
0,0 dB	0,0 dB	0,0 dB	0,0 dB
CLIP	CLIP	CLIP	CLIP
0,0 dB	0,0 dB	0,0 dB	0,0 dB

DANTE CHANNELS (Receivers)

1	2	3	4
OUT 1	OUT 2	OUT 3	OUT 4
PHANTOM	PHANTOM	PHANTOM	PHANTOM
0 dB	0 dB	0 dB	0 dB
-20 dB	-20 dB	-20 dB	-20 dB
-40 dB	-40 dB	-40 dB	-40 dB
GAIN	GAIN	GAIN	GAIN
0,0 dB	0,0 dB	0,0 dB	0,0 dB
CLIP	CLIP	CLIP	CLIP
0,0 dB	0,0 dB	0,0 dB	0,0 dB

DANTE CHANNELS (Transmitters)

1	2	3	4
OUT 1	OUT 2	OUT 3	OUT 4
PHANTOM	PHANTOM	PHANTOM	PHANTOM
0 dB	0 dB	0 dB	0 dB
-20 dB	-20 dB	-20 dB	-20 dB
-40 dB	-40 dB	-40 dB	-40 dB
GAIN	GAIN	GAIN	GAIN
0,0 dB	0,0 dB	0,0 dB	0,0 dB
CLIP	CLIP	CLIP	CLIP
0,0 dB	0,0 dB	0,0 dB	0,0 dB

ANALOG AUDIO OUTPUTS

Properties

- Type: Device
- Name: Device 01

EclerNet Manager Information

Info & resources

Web:

- User Manual
 - EclerNet Manager (407p)
 - Devices (hardware)
 - TP-NET
 - ...
- Datasheets
- Techfiles

The screenshot shows the Ecler website interface. At the top, there is a navigation bar with the Ecler logo and language options (EN, ES, DE, USA). Below this is a secondary navigation bar with menu items: AUDIO, VIDEO, ACOUSTICS, REFERENCIAS, NOTICIAS, SOPORTE, and CONTACTO. A red arrow points to the 'AUDIO' menu item. The main content area features a central image of the EclerNet Manager software box. To the right of the image is a text block titled 'EclerNet Manager' with a sub-heading 'Aplicación Informática EclerNet'. The text describes the software's capabilities, including managing digital audio systems and providing remote control interfaces. A 'Más información' button is located at the bottom right of this text block. At the bottom of the page, there is a footer navigation bar with links: FOLLETO, DATA SHEET, MANUAL USUARIO (highlighted with a red box and a red arrow pointing down), SOFTWARE, FICHEROS TÉCNICOS, MEDIA, CERTIFICADOS, and ACCESORIOS. Below the footer, there is a list of links to user manuals and technical documents.

EclerNet Manager
Aplicación Informática EclerNet

EclerNet Manager es la aplicación informática que permite a los usuarios construir un sistema de audio digital, incluyendo dispositivos de las siguientes familias: gestores digitales autoamplificados NXA, matrices digitales MIMO88. Usando esta aplicación, es posible identificar cada dispositivo conectado a la red y configurarlo junto a sus accesorios digitales compatibles, como el panel digital de pared WPTOUCH o la consola de avisos MPAGE16. Una vez creado y guardado el proyecto que almacena la configuración, la aplicación EclerNet también puede incluir UCPS (User Control Panels, pantallas gráficas de control) adaptadas a las necesidades de control remoto de cada usuario. EclerNet Manager permite a su servidor web y a los dispositivos de control remoto (Ordenadores y tablets Windows® OS, Smartphones y tablets Android® OS, iPhones®, iPads®, etc.) convertirse en clientes web, gestionando esas UCPS.

[Más información](#)

FOLLETO DATA SHEET **MANUAL USUARIO** SOFTWARE FICHEROS TÉCNICOS MEDIA CERTIFICADOS ACCESORIOS

- EclerNet Manager User Manual (v5.00r5 – February 2019)
- EclerNet Manager Manual de Usuario (v5.00r5 – February 2019)
- TP-Net Protocol User Manual
- How to edit Ecler standard UCP graphical controls to create your own ones (button example)

Info & resources

Software:

- Latest Software & **Firmware**
 - Basic Panels
 - Controls Library
 - Legacy SW & FW Table
- Examples
 - Projects
 - Panels
 - Pages
 - Extra panels

EN ES DE USA

Buscar... LOGIN

NOSOTROS AUDIO VIDEO ACOUSTICS REFERENCIAS NOTICIAS SOPORTE CONTACTO

Audio / Software / EclerNet Manager

EclerNet Manager

Aplicación Informática EclerNet

EclerNet Manager es la aplicación informática que permite a los usuarios construir un sistema de audio digital, incluyendo dispositivos de las siguientes familias: gestores digitales autoamplificados NXA, matrices digitales MIMO8B. Usando esta aplicación, es posible identificar cada dispositivo conectado a la red y configurarlo junto a sus accesorios digitales compatibles, como el panel digital de pared WPTOUCH o la consola de avisos MPAGE16. Una vez creado y guardado el proyecto que almacena la configuración, la aplicación EclerNet también puede incluir UCPS (User Control Panels, pantallas gráficas de control) adaptadas a las necesidades de control remoto de cada usuario. EclerNet Manager permite a su servidor web y a los dispositivos de control remoto (Ordenadores y tablets Windows® OS, Smartphones y tablets Android® OS, iPhones®, iPads®, etc.) convertirse en clientes web, gestionando esas UCPS.

Más información

FOLLETO DATA SHEET MANUAL USUARIO **SOFTWARE** ARCHIVOS TÉCNICOS MEDIA CERTIFICADOS ACCESORIOS

- EclerNet Software & Firmwares Package (v6.00r2 - November 2020)
- EclerNet Manager and related firmware LEGACY VERSIONS NOV20
- EclerNet Manager Example Project TCP-UDP
- EclerNet Manager example projects
- EclerNet Manager Extra UCP

Info & resources

Media:

- Video Tutorials (YouTube)
 - 11 videos
 - More than 1h



EclerNet Manager

Aplicación Informática EclerNet

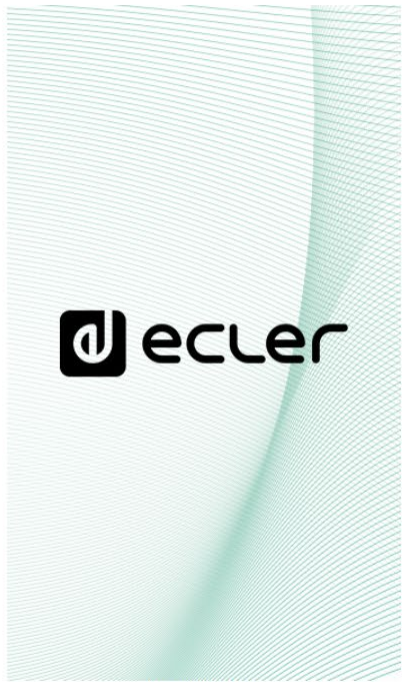
EclerNet Manager es la aplicación informática que permite a los usuarios construir un sistema de audio digital, incluyendo dispositivos de las siguientes familias: gestores digitales autoamplificados NXA, matrices digitales MIMO88. Usando esta aplicación, es posible identificar cada dispositivo conectado a la red y configurarlo junto a sus accesorios digitales compatibles, como el panel digital de pared WPTOUCH o la consola de avisos MPAGE16. Una vez creado y guardado el proyecto que almacena la configuración, la aplicación EclerNet también puede incluir UCPs (User Control Panels, pantallas gráficas de control) adaptadas a las necesidades de control remoto de cada usuario. EclerNet Manager permite a su servidor web y a los dispositivos de control remoto (Ordenadores y tablets Windows® OS, Smatphones y tablets Android® OS, iPhones®, iPads®, etc.) convertirse en clientes web, gestionando esas UCPs.

Más información

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No hay elementos para este producto

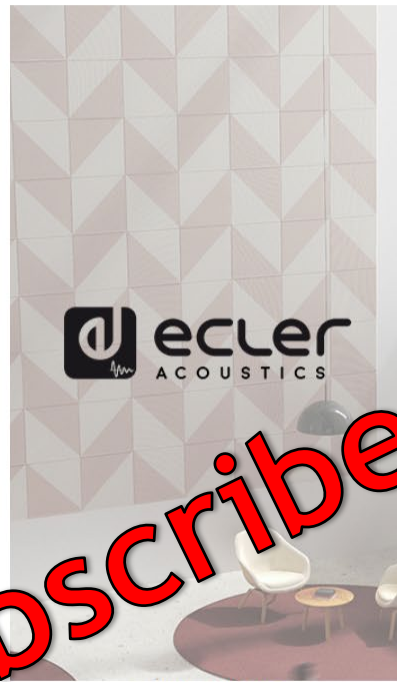
- EclerNet Manager: how to attach a MIMO
- EclerNet Manager: how to change IP address
- EclerNet Manager: how to connect the WPTOUCH
- EclerNet Manager: how to upgrade MIMORR's firmware



Ecler AUDIO



Ecler VIDEO



Ecler ACOUSTICS

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Thank you!

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Q&A

