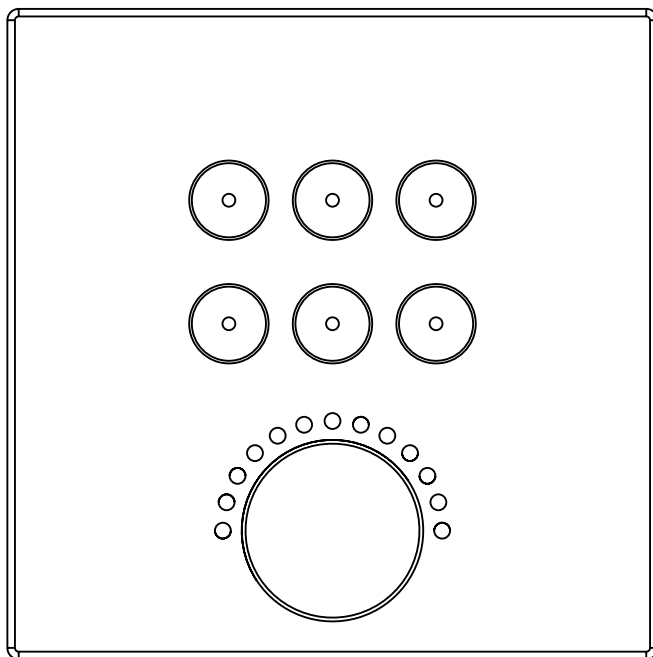


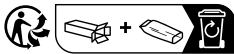


AmiCTL 1

Programmable wall-mounted controller with 6 buttons and 1 rotary knob for the Ami series matrix – PoE

1 - Safety instructions

- 1- Please read these instructions.
- 2- Please keep these instructions.
- 3- Please observe all warnings.
- 4- Follow all the instructions.
- 5- Do not use this appliance near water.
- 6- Clean with a dry cloth only.
- 7- Do not block the ventilation openings. Install the appliance in accordance with the manufacturer's instructions.
- 8- Keep the device away from sources of heat: radiators, air vents, ovens and other such appliances (including amplifiers).
- 9- Arrange the cables so that they cannot be trodden on, trapped or pinched.
- 10- Unplug this appliance during thunderstorms or when it is not in use for long periods.
- 11- Have any repairs carried out by a qualified technician. A technician must be called in in the following circumstances: the power lead or mains plug is damaged; foreign objects or liquid have got inside the appliance; the appliance has been exposed to rain or damp; the appliance is showing signs of malfunction; or it has been dropped.



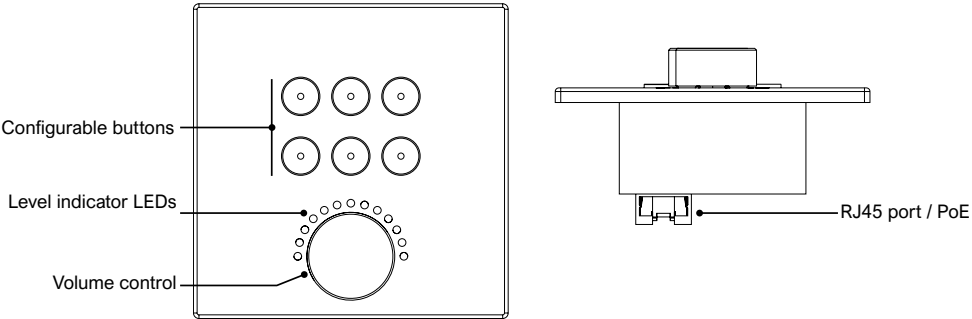
EC Declaration of Conformity

- . This product complies with all the essential requirements and other specifications set out in the following Directives:
- 2014/35/EU (LVD)
 - 2014/30/EU (EMC)
 - 2011/65/EU (RoHS)

A full EU declaration is available on the audiophony-pa.com website.

2 – Description

AmiCTL1 features six buttons and a rotary encoder with a push function. The knob is used to adjust the gain, and the six buttons can be programmed to perform various functions. There are five types of button functions, including volume control, mute, presets and commands. Double-click the button you wish to programme to select its function and mapping. Similarly, once programming is complete, users can use the simulation button to check that the configuration is correct.



3 - Cabling and installation

3 - 1 - Wiring

Use a Cat5E cable as a minimum, but opt for CAT6 cables where possible.

Choose a PoE switch that complies with the IEEE 802.3at standard, such as the Poe10-250 (H11913)

Never connect or disconnect an RJ45 PoE connector whilst a high current is flowing through the cable. This creates a micro-arc which gradually damages the pins.

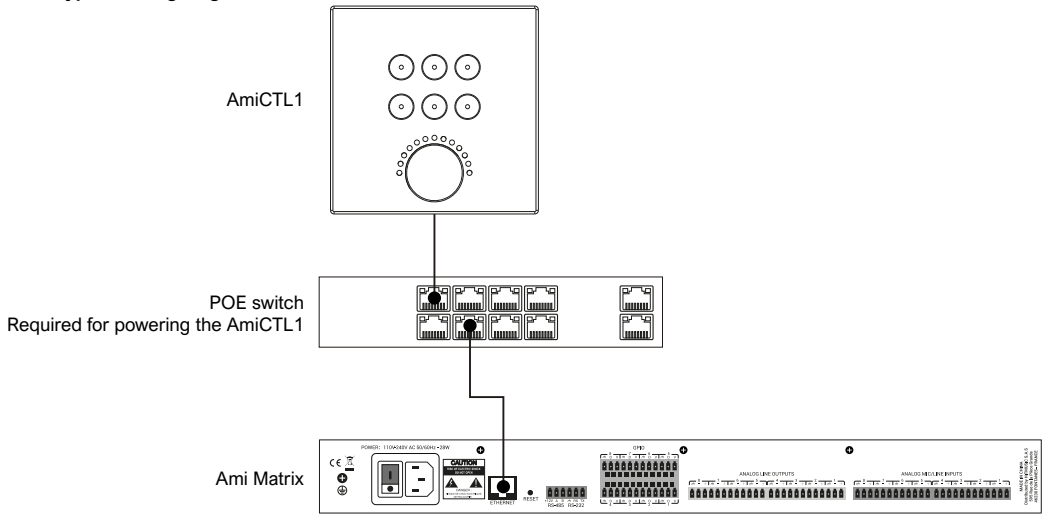
All connections must be made whilst the power is off.

3 - 2 - Installation

The AmiCTL1 is supplied without a flush-mounting box.

It is compatible with the PILOT-BOX (H10637) and the PILOT-SCREW (H10638) for flush-mounted installation in plasterboard.

3 - 3 - Typical wiring diagram



4 - Configuring and using the Control Panel

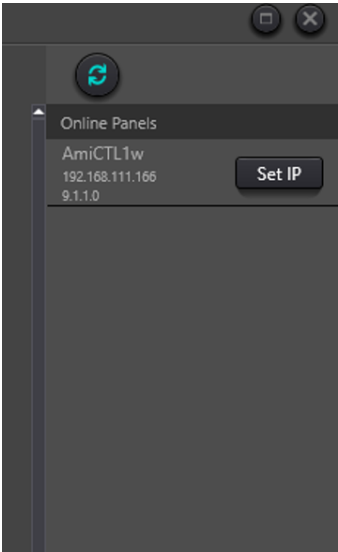
The AmiCTL1 is configured using the 'Panel Setting' module in the Ami Control software.

In the 'Settings' tab, click on 'Panel Settings'.

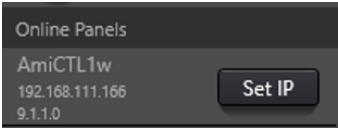


4 - 1 - Controller network settings:

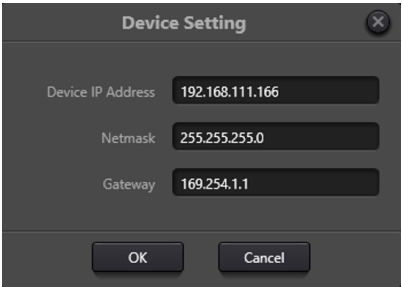
If the controller is on the same physical network as the Ami matrix, it will appear in the 'Online Panels' window



The name, IP address and firmware version are immediately visible.
The controller's IP address can be set directly using the 'Set IP' button



Clicking this button opens the 'Device Settings' window.

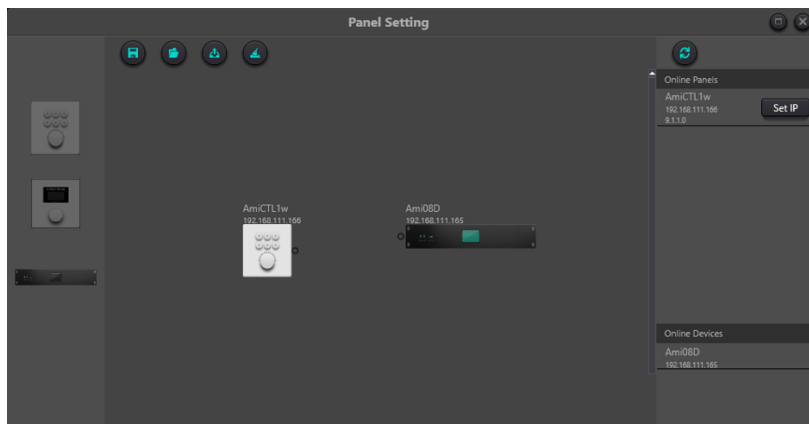


Enter the network settings for your system.
Controller IP address (static IP), subnet mask and gateway.

4 - 2 - Assigning a controller to a matrix:

In Panel Setting, drag and drop the controller you wish to assign and the matrix to which it will be linked into the centre of the window.

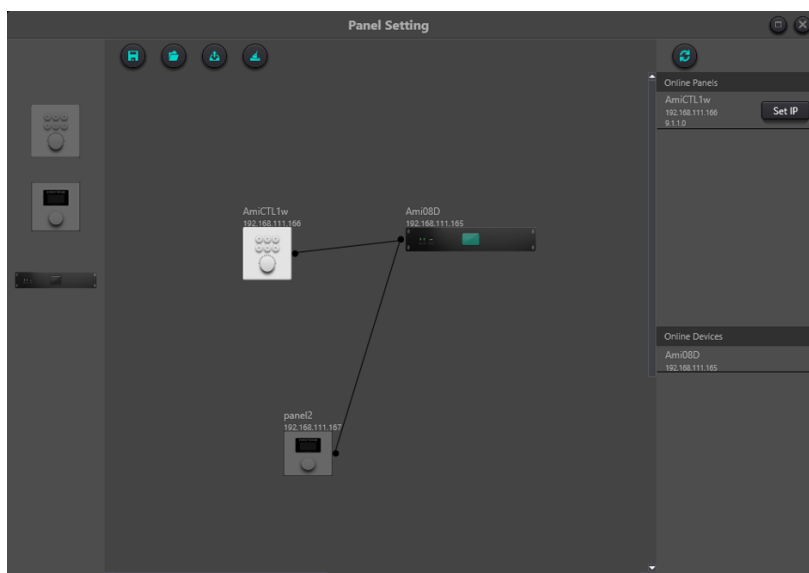
Once the two devices have been removed, they will need to be connected virtually.



Click on the connection point of the first device (the black circle) and drag it onto the corresponding point on the matrix.



It is possible to assign several controllers to the same matrix.



4 - 3 - Controller settings:

Double-click on the controller you wish to configure to open the controller's edit window.



Double-click the button you wish to configure
The Edit Menu window will open:

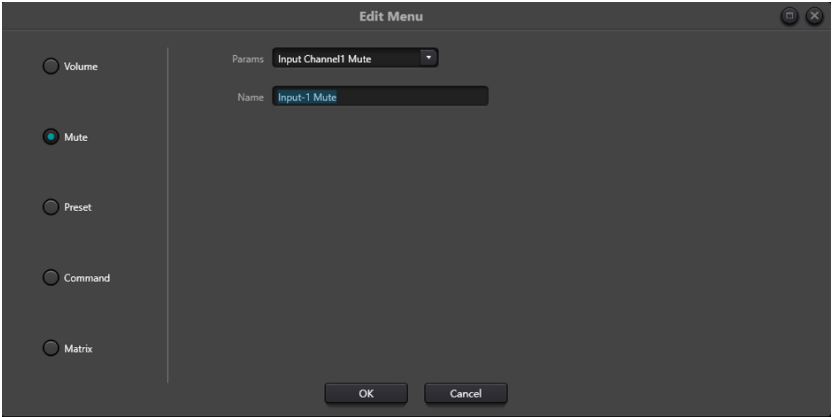
Here are the various functions that can be assigned to the buttons:

4 - 3 - 1 - Volume:



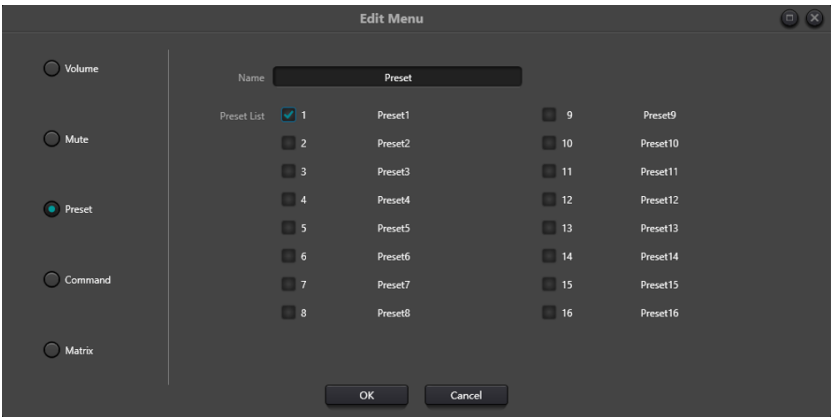
- "Params": Allows you to select the channel to be controlled (input or output).
- "Name": Allows you to rename the button.
- "Maximum": Allows you to set a volume limit. This limit cannot be exceeded with this controller.
- "Minimum": Allows you to set a volume limit. This limit cannot be exceeded with this controller.
- "Step": Allows you to select the step size for the rotary encoder (from 0.5 dB to 10 dB per step).

4 - 3 - 2 - Mute:



- "Params": Allows you to select the channel to be controlled (input or output)
- "Name": allows you to rename the button

4 - 3 - 3 - Preset:

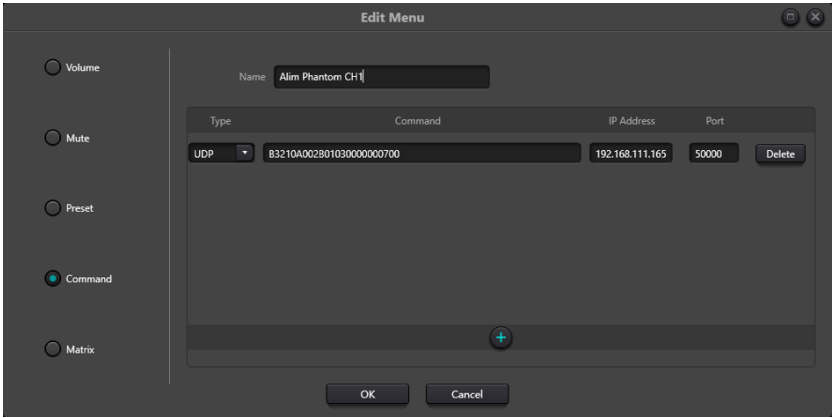


You can rename the preset button and choose which preset it will trigger.

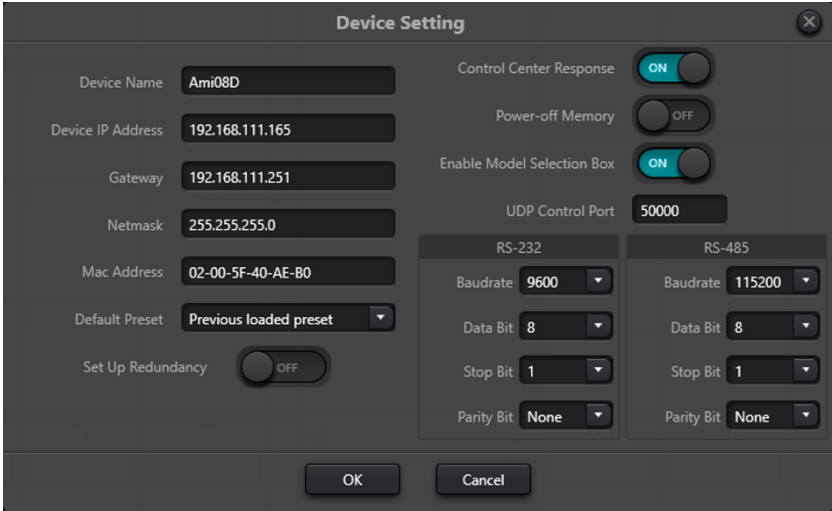
It is possible to assign different commands to each button.
Click on + to add a command line.
Three types of control interface are available: UDP, RS232 and RS485.

UDP command

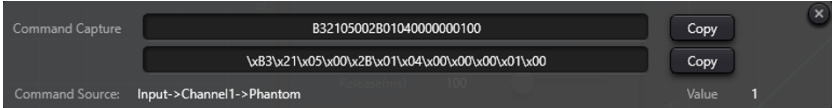
Selecting the IP address and port for the device to be controlled



The array's UDP control port can be changed in the 'Device Setting' tab of the AmiControl software (by default, the UDP control port is 50000).



You can use AmiControl's 'Command Capture' tool to copy the hexadecimal command for any function in the matrix



You can also control another matrix or a third-party device that supports UDP control.

RS232 command

Allows you to send one or more commands to a device connected to the matrix via RS232.

Edit Menu

Name: Chase1 DMX

Type	Command	IP Address	Port	
RS232	B3210A0028010300000000700			Delete

Volume
Mute
Preset
Command
Matrix

OK Cancel

RS485 control

Allows you to send one or more commands to a device connected to the matrix via RS485.

Volume

Mute

Preset

Command

Matrix

Name Video Projecteur

Type	Command	IP Address	Port
RS485	B3212F000100059004F060000		

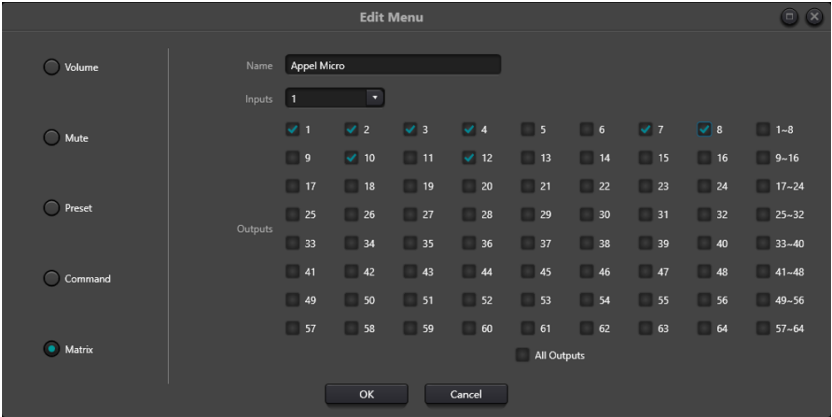
Delete

+

OK Cancel

4 - 3 - 5 - Matrix:

Allows you to assign a matrix input to the output(s) of your choice.



4 - 4 - Saving and loading the configuration:

Once you have finished assigning functions, click ‘’ to save the panel configuration to the computer.

You can reload a configuration by clicking on 

Click on  to download the control settings to the panel.

 Allows you to clear the controls from the work window.

5 - Technical specifications

Programmable buttons	6
Volume control	1
Protocol	UDP
Address configuration	TCP/IP
Maximum cable length	100 m
Connection port	1 x RJ45
Food	PoE 48 V max.
Consumption	< 5 W
Dimensions (Width x Height x Depth)	86 x 86 x 35 mm
Net weight	200 g

