NCP105

Universal network/PoE wall panel controller

Table of contents

Dashboard

The following table shows the main dashboard configuration parameters. Buttons and push rotary can be configured by clicking on them.

Parameter Name	Parameter Range	Parameter Definition
Button	Not Available	The NCP105 has 4 programmable buttons. You can program each button by clicking them on the dashboard menu. The programming is no different than creating a widget. Up to 8 layers can be created and programmed in the NCP105. You can select NCP105(SELF) as the device and change the active layer. The first layer has the number 0.
Rotary	Not Available	The NCP105 has a single push rotary button. You can program it by clicking them on the dashboard menu. The programming is no different than creating a widget. Assigning the volume function of a zone also yields the mute/unmute function by pushing.
Plus Icon	Not Available	Up to 8 layers can be created and programmed in the NCP105 by clicking the plus icon.
Bin Icon	Not Available	Unwanted layers can be deleted using the bin icon.
Save Button	Not Available	The save button will be highlighted in green after every change in the configuration of the NCP105. The 360 LED indicator should spin in white after pressing the save button.

The following table shows the actions available for volume in the input block and mixer channels in the zone block.

Parameter Name	Parameter Range	Parameter Definition
Up	Not Available	Increases the volume.
Down	Not Available	Decreases the volume.
Fixed	Not Available	Sets the volume value to a desired value.

The following table shows the actions available for mute in the input block and mixer channels in the zone block.

Parameter Name	Parameter Range	Parameter Definition
Toggle	Not Available	Toggles between mute and unmute.
Fixed	Not Available	Sets the value to the desired value, mute or unmute.

The following table shows the actions available for the route in the mixer of the zone block. You can cycle up, down or go to a fixed source, one of the 16 mapped sources to a zone. When the source is routed, the routed source gets the 0dB value on the mixer where the rest is set to -90dB. It is also possible to add one of the eight scenes to that cycle or fixed value. In addition, you can add Off mode to the cycle.

Parameter Name	Parameter Range	Parameter Definition
Cycle Up	Not Available	Increases the volume.
Cycle Down	Not Available	Decreases the volume.
Fixed	Not Available	Sets the volume value to a desired value.

Example NCP105 Configuration

In this example, you can configure your NCP105 to control Zone 1 and Zone 2 volumes and sources using 4 layers. Buttons will have the same function in each layer but the rotary functions will be changed in every layer.

- Button 1 is always Layer 0 (first layer)
- Button 2 is always Layer 1
- Button 3 is always Layer 2
- Button 4 is always Layer 3

in all four layers. The rotary button will be,

- The rotary button will be Zone 1 volume in Layer 0.
- The rotary button will be Zone 1 source selection in Layer 1.
- The rotary button will be Zone 2 volume in Layer 2.
- The rotary button will be Zone 2 source selection in Layer 3.

Device Settings

Device Name

Parameter Name	Parameter Range	Parameter Definition
Full Name	Not Available	Full name is used on the drop-down selection lists and in the Dante Controller for Dante channels. Full name is also used as device/Bluetooth name on the NWP series.
Short Name	Not Available	Short is used on the overview screen channel labels

Version

Parameter Name	Parameter Range	Parameter Definition
Firmware Version	Not Available	Indicates the installed firmware version.
Build Number	Not Available	Indicates the build number of the installed firmware version.
Update Firmware	Not Available	The available firmware version can be installed here. The latest and previous versions are both available. Using the latest AUDAC Touch version and firmware is highly recommended to get the most out of your Atellio family devices. When a new firmware version is available, the button will be highlighted in orange.

Network Settings

Parameter Name	Parameter Range	Parameter Definition
DHCP	Enable/Disable	Switch between dynamic or static IP
MAC	Not Available	MAC address of the device
IP	Not Available	The IP address of the device can be set here when DHCP is disabled (e.g. 192.168.20.170)
Mask	Not Available	The subnet mask can be set here (e.g. 255.255.255.0)
Gateway	Not Available	The gateway IP address can be set here for the devices that act as the bridge for the network traffic like the network switch (e.g. 192.168.20.1)
DNS1/DNS2	Not Available	The primary and secondary/alternative DNS addresses can be set here (e.g. 1.1.1.1)

Device Address

Parameter Name	Parameter Range	Parameter Definition
Index	Enable/Disable	You can set a unique number to the device in a scenario where you have more than one of the same device.

Time Settings (Only for the LUNA series)

It is important to configure the time settings correctly. This is needed for the event handler time trigger to work correctly.

Parameter Name	Parameter Range	Parameter Definition
Time Zone	Not Available	GMT zone can be selected based on country names
Server Address	Not Available	The NTP server IP address can be set in this line

Finding an NTP Server

If your network has any restrictions, it is recommended to contact your network management to obtain the NTP address for the network you are connecting to, if the network is unmanaged or has no port restrictions then to find the IP address relative to you simply ping the address as shown below.

"europe.pool.ntp.org"

"asia.pool.ntp.org"

"oceania.pool.ntp.org"

"north-america.pool.ntp.org"

"south-america.pool.ntp.org"

"africa.pool.ntp.org"

Target Device Settings (Only for NPM200)

Up to 20 devices can be set as target devices for paging and voice file announcements for a single NPM200.
Please refer to **"Target Devices Settings"** for a detailed explanation.
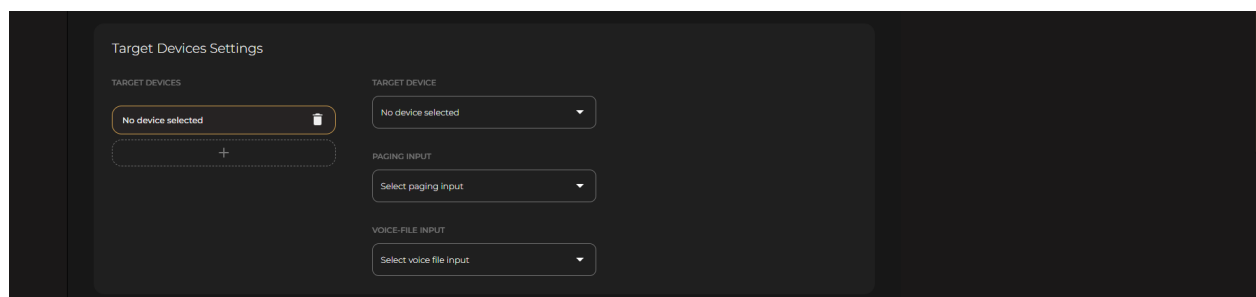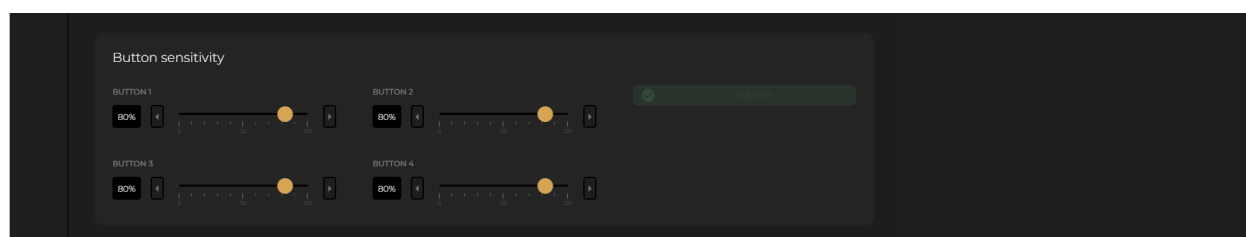
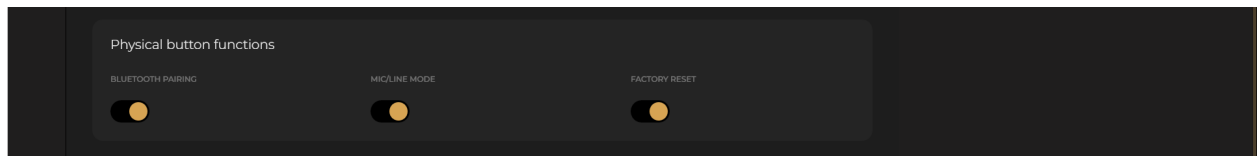| Parameter Name	Parameter Range	Parameter Definition
Target Devices	Not Available	Up to 20 devices can be set as target devices for paging and voice file announcements.
Target Device	Selection	Selecting any LUNA series in the device inventory from the drop-down list is possible.
Paging Input	Selection	Selected device channels should be subscribed to the dedicated NPM200 Dante channels, Dante Paging Out for paging and Dante Voice File Out for voice files.
Voice File Input	Selection	Selected device channels should be subscribed to the dedicated NPM200 Dante channels, Dante Paging Out for paging and Dante Voice File Out for voice files.

Physical Button Settings

| Parameter Name	Parameter Range	Parameter Definition
Physical Button Function	Selection	Provides two function options for the physical button of NPM200.
Push to start, release to stop	Not Available	Push the physical button to start the announcement and the microphone will unmute, you can release the physical button once the announcement is done and the microphone will mute.
Push once to start, again to stop	Not Available	Push the physical button to start the announcement and the microphone will unmute, you can push again to the physical button once the announcement is done and the microphone will mute.

Button Sensitivity (Only for NCP105)

Parameter Name	Parameter Range	Parameter Definition
Button Sensitivity	0-100	The sensitivity of programmable buttons can be set individually.

Physical Button Functions (Only for the NWP series)

Parameter Name	Parameter Range	Parameter Definition
Bluetooth Pairing	Enable/Disable	Enable or disable the Bluetooth pairing function using the button on the NWP series devices.
Mic/Line Mode	Enable/Disable	Enable or disable the mic/line level switch function using the button on the NWP series devices.
Factory Reset	Enable/Disable	Enable or disable the factory reset function using the push rotary button on the NWP series devices.

Pin Code Setting (LUNA series and NPM200)
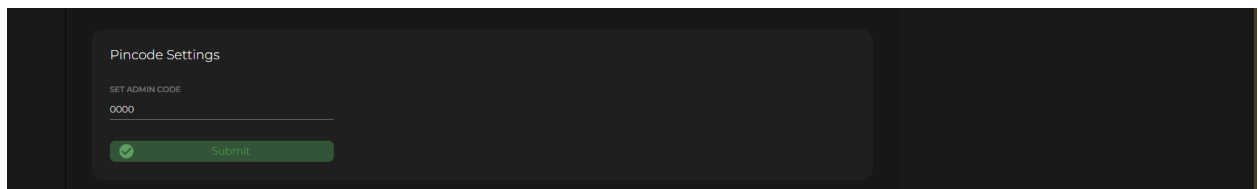
Pin code protection is available for the LUNA series with version 1.4.0 for configuration display. The pin code is 0000 by default.

Pin code protection is available for NPM200 with version 1.2.0 for configuration display. The pin code is 0000 by default.