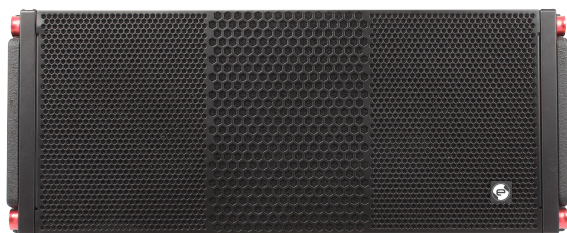
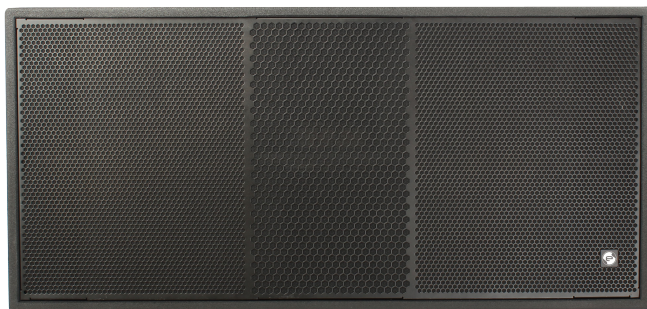


OPERATIONS MANUAL



EONIX 212A



EONIX 218A

EONIX 212A / 218A
PROFESSIONAL LINE ARRAY SYSTEM

Thank you for purchasing our product. Before using the speaker, please read this instruction manual carefully to ensure correct use.

Features

- Equipped with a color LCD display
- Built-in DSP digital processing
- Universal Dante/TCP/IP network port for multi-device management and Dante network audio transmission
- Supports multiple connectivity methods: TCP/IP
- Real-time remote monitoring of amplifier status
- Remote call function for quick identification and setup of amplifiers within a "group"
- Wide voltage operation, supports 100/240VAC input
- Adjustable input sensitivity in three levels (0dBu, 6dBu, 12dBu), configurable via software or LCD display
- Standard FIR phase correction: 1024 Taps input channel, 2×1024 Taps output channel
- Amplifier gain matching based on different amplifier gains

Cautions:

1. All operating instructions should be read before using this equipment.
2. To reduce the risk of electric shock, do not open the unit. There are NO REPLACEABLE PARTS INSIDE. Please refer servicing to a qualified service technician.
3. Do not expose this unit to direct sunlight or to a heat source such as a radiator or stove.
4. This unit should be cleaned only with a damp cloth. Avoid solvents or other cleaning detergents.
5. When moving this equipment, it should be placed in its original carton and packaging. This will reduce the risk of damage during transit.
6. DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.
7. DO NOT USE ANY SPRAY CLEANER OR LUBRICANT ON ANY CONTROLS OR SWITCHES.
8. Make sure ALL of your equipment is completely OFF and lower ALL VOLUME, LEVEL & GAIN controls before connecting the speaker.
9. ONLY LINE LEVEL SIGNALS CAN BE SENT TO YOUR SPEAKER.

Disregarding any of the above will void your warranty!!!!

Technical parameters

Model	EONIX 212A	EONIX 218A
System type	Dual 12" Line Array Module	Dual 18" Powered Subwoofer
RMS Power	800W/LF+400W/HF	4000W
MAX Power	1600W/LF+800W/HF	8000W
Freq. Resp.	55Hz-20KHz	35Hz-150Hz
Coverage Pattern(HxV)	90°x10°	/
Max SPL	138dB	142dB
LF driver	2x12" Woofer, 3"VC, Neodymium	2x18" Subwoofer, 4"VC
HF driver	2x5.3", 2"VC, Titanium	/
Amplifier	D-Class with DSP, FIR	D-Class with DSP, FIR
Input connector	XLR	XLR
Output connector	XLR	XLR
Cooling system	Passive radiator	Passive radiator
Power voltage	100-240V AC 50/60Hz	100-240V AC 50/60Hz
Enclosure	Multi-layer plywood	Multi-layer plywood
Dimensions(WxHxD)	870x350x560mm	1220x575x750mm
Net weight	43kg	93kg

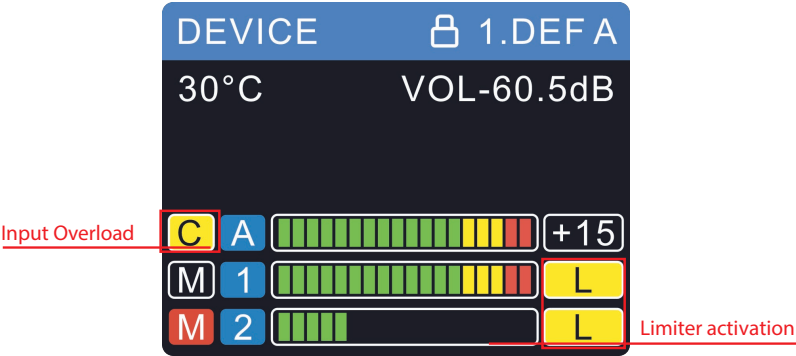
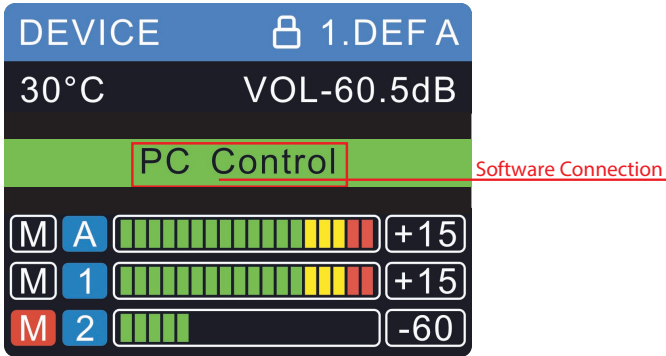
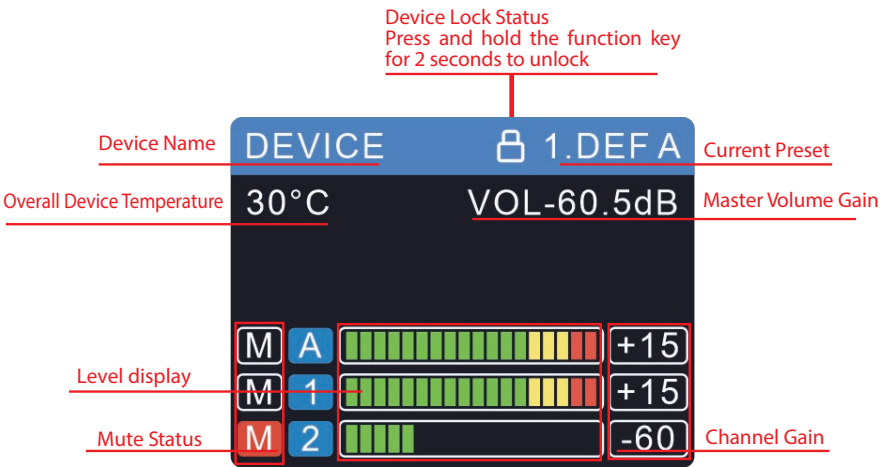
Functions:



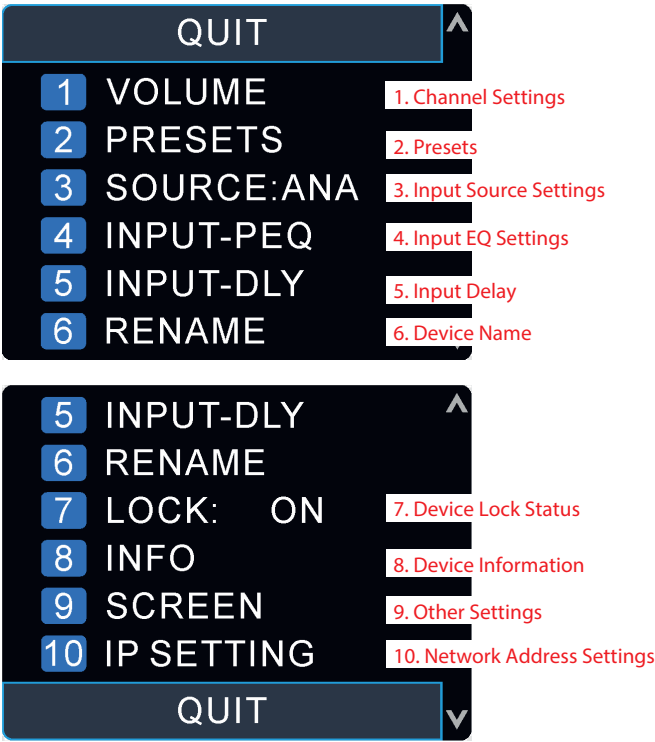
1. LCD display
2. Master control knob
3. Protect indicator
4. Peak indicator
5. DATA input
6. DATA output
7. Line input : A XLR line level input.
8. Line output: Used for signal connection among other amplified speakers, the signal comes from input.
9. Power supply inlet.
10. Power output: Max. Load: 1000W. Connect the power cord output plug to this connector and the other plug to next device.

Display Panel Description

Main Interface



Menu Interface



Introduction to Host Software

The device management software is designed for users to quickly interact with various parameters of one or multiple devices. It allows saving device configuration parameters to disk files, providing a highly convenient solution for managing preset configurations, parameter switching, and restoration across multiple devices or different usage scenarios.

This product features high execution efficiency and a clear interface structure. Its UI is built using a self-developed control library and can be customized or modified according to customer requirements, significantly enhancing user experience.

Software Installation

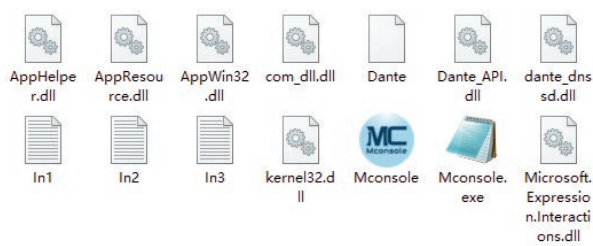
5.1 System Requirements

The software is compatible with Windows 7/8/10 (x86/x64) operating systems with **Microsoft .NET Framework 4.0** runtime installed.

5.2 Installation Guide

This is a portable version of the software, which does not require a traditional installation. The folder contains the following essential files/subfolders (all are required).

Note: The portable version does not include the Microsoft .NET Framework 4.0 runtime. If needed, download and install it from Microsoft’s official website.



5.3 Launching the Software

Operation Steps: Double-click the executable file  in the folder to open the main interface (see Figure 1.1).

Notes: Do not run multiple instances of this software simultaneously on a single PC. Each computer should have only one instance of the software running at a time.

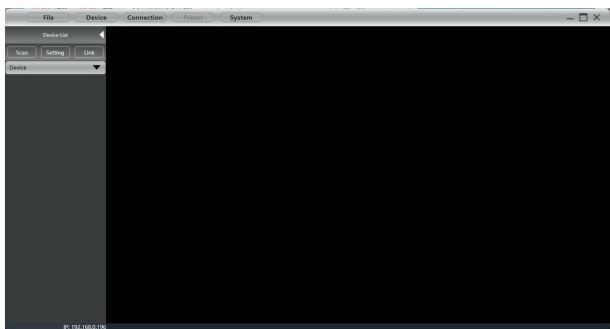


Figure 1.1

Software Interface Description

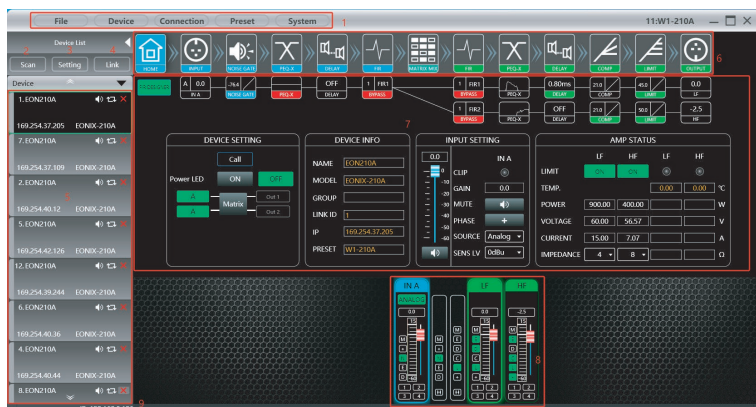


Figure 1.2

As shown in Figure 1.2, the main interface includes the following modules (marked in red text):

- (1) Menu
- (2) Scan button
- (3) Settings button
- (4) Calibration button
- (5) Device list
- (6) Module buttons
- (7) Module function panel
- (8) Input/Output channel list
- (9) IP address

6.1 Initial Screen

Device Setting

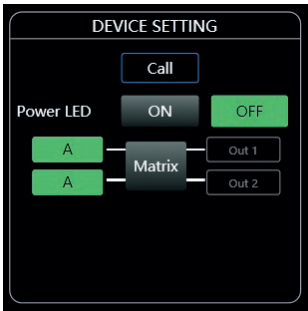


Figure 1.3

Device Information

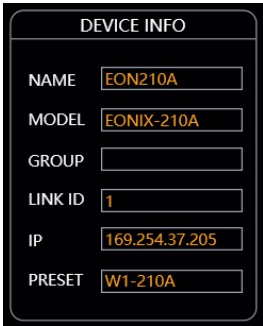


Figure 1.4

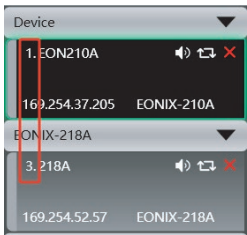


Figure 1.4.1

① Clicking **Call** will make the connected device’s display panel and status lights flash, allowing quick identification of the target device within a “stack of amplifier units”.

② Power LED

③ Clicking the button within the frame allows quick switching between two routing modes: Bridge and Matrix.

① As shown in figure 1.4, the device name, group, and IP address can be modified. To make changes, go to Device-Device Management in the top-left corner of the initial interface and adjust according to actual requirements.

② The device model and LINK ID cannot be modified. The LINK ID serves as the corresponding identifier when multiple devices are connected to the host computer, as shown in Figure 1.4.1.

③ The preset name displays the name of the currently used preset.

Input Setting

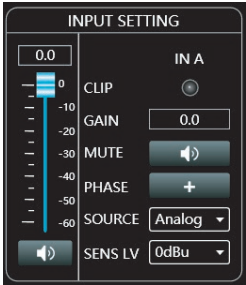


Figure 1.5

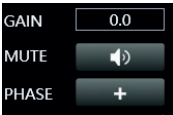
① As shown in figure 1.5, the Master Volume Fader can be adjusted either by Dragging with the mouse, or entering precise values directly in the input field 0.0. is Mute control.



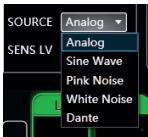
② The LED will illuminate when input overload occurs



③ Instant adjustment available for Gain settings, Mute function and Phase reversal



④ Multiple selectable input source available



Amplifier Status

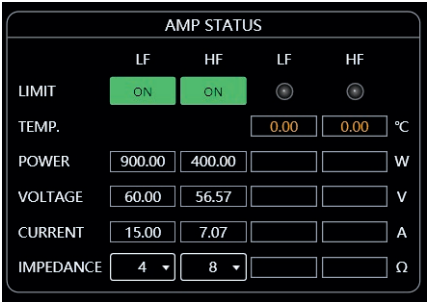
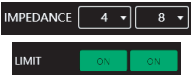


Figure 1.6

As shown in figure 1.6,



can be manually selected as needed. When the limiter is engaged, the overload indicator will illuminate



6.2 Menu

6.2.1 File (As shown in figure 2.2)

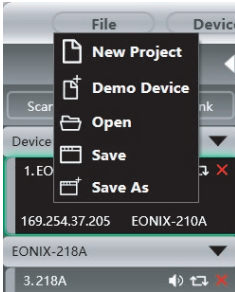


Figure 2.2 "File" menu

- 1. New Project:** Restores the software project to default settings for reconfiguration.
- 2. Demo device:** Creates a virtual device without affecting connected physical devices.
- 3. Open:** Loads an existing device management project from local storage.
- 4. Save:** Stores the current project configuration to disk.
- 5. Save as:** Creates a duplicate copy of the current project with a new filename.

6.2.2 Device (As shown in figure 2.3)

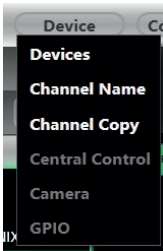


Figure 2.3
"Device" menu

1. Devices

View or modify device information including:

- Host/controller software details
- Device naming
- IP address configuration.

2. Channel name

Configure naming conventions for all:

- Input channels
- Output channels.

3. Channel copy

Duplicate parameter sets between channels of identical type.

6.2.3 Connection (As shown in figure 2.5)

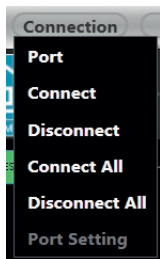


Figure 2.5
"Connection" menu

1. Port

Configure communication settings:

- Connection method
- Port number
- Baud rate.

2. Connect

Establish connection and download device parameters.

3. Disconnect

Terminate connection with currently linked device.

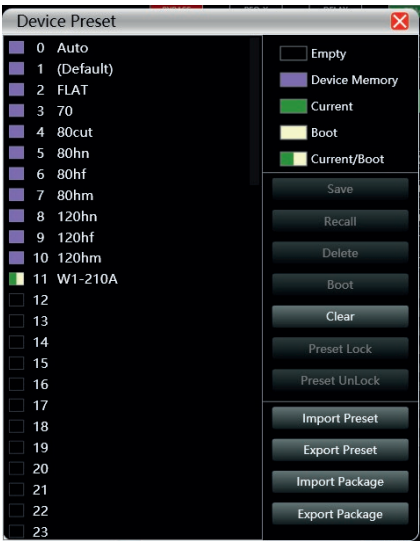
4. Connect All

Establish connections and download parameters for all devices in the list.

5. Disconnect All

Terminate all active connections in the device list.

6.2.4 Preset



Preset Operations:

- 1. Save**
Select a storage slot to save all current device parameters as a new preset.
- 2. Recall**
Load an existing preset from the device's memory.
- 3. Delete**
Remove a stored preset (default presets cannot be deleted or overwritten).
- 4. Clear**
Delete all presets stored in the device.
- 5. Set as startup preset**
Designate a selected preset to automatically load when the device powers on.
- 6. Import Preset**
Load a single preset file from your computer.
- 7. Export Preset**
Save all current parameters as a single preset file on your computer.
- 8. Import Package**
Load multiple presets from a package file on your computer.
- 9. Export Package**
Bundle multiple device presets into a single package file for computer storage.

6.2.5 System (As shown in figure 2.6)

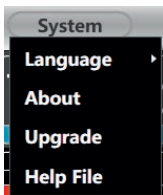


Figure 2.6
"System" menu

- 1. Language**
Switch between multiple language options.
- 2. About**
Display version information for:
 - Host control software
 - Connected device firmware.
- 3. Update**
Upgrade device firmware to latest version.
- 4. Help File**
 - Software configuration guides.
 - Device operation manuals.

6.3 Scan



Figure 2.7 Progress Display

As shown in Figure 2.7 (Progress Display):

- Clicking the “Scan” button initiates automatic detection of all devices using the currently configured connection mode.
- Real-time scanning progress will be displayed.

6.4 Setting

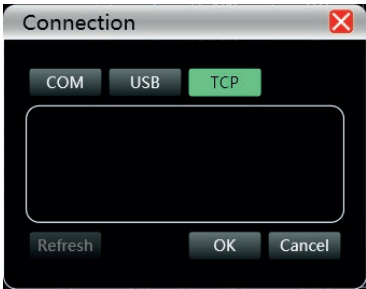


Figure 2.8 Port Connection Interface

Configures device connection parameters:

1. Click “Setting” to open the port connection interface (Figure 2.8).
2. Select TCP mode and configure corresponding parameters (TCP only).
3. Confirm setting to apply.

Note: If device ports change, click the “Refresh” to update the port list immediately

6.5 Multi-device Configuration

Enables simultaneous parameter adjustment across multiple devices.

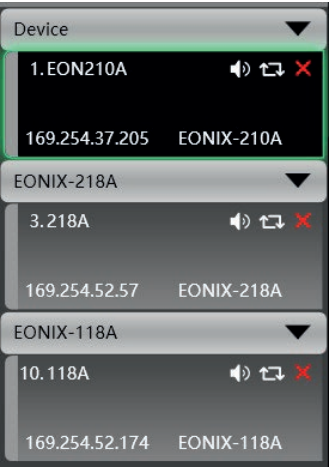
Operation flow (Refer to Figure 2.9-Net Link Interface):

1. Click the “Link” button to launch the interface.
2. Device Selection (Left Panel): Choose target devices for group configuration.
3. Create Group (Center Panel): Move selected devices to combination groups.
4. Parameter Setup (Right Panel): Configure unified parameters for each group.
5. Execution:
 - Press “OK” to apply settings.
 - Repeat process to modify existing group configurations.



Figure 2.9 Net Link Interface

6.6 Device List



When the software scans or manually adds a simulated device, it will automatically add the corresponding device to the device list, allowing users to interact with the desired devices and facilitating simultaneous operation of multiple devices.

6.7 Computer IP Address



When the software is launched, it automatically retrieves the IP address of the currently active network connection from the system's network adapter and displays it in the lower-left corner for easy management of device IP addresses.

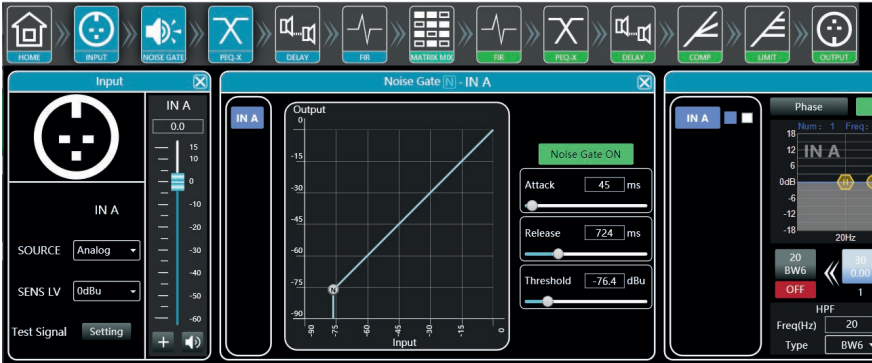
6.8 Functional Module Controls



To facilitate parameter management, the software organizes features into dedicated modules. These controls enable module interface operation:

- **Double-click:** Toggles module interface (open/close)
- **Single-click:** Locates/activates the target module

6.9 Functional Module Interface

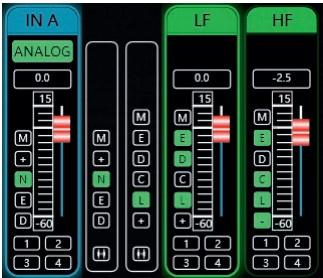


Module Control

- Toggle modules ON/OFF via dedicated control keys.
- Displays both functional panels and detailed parameters.
- Granular parameter adjustment.
- Supports individual or batch operations across multiple functions.
- Horizontal swipe gestures to switch between function pages.
- Drag-and-drop reorganization available.

6.10 Input/Output Channel List

The interface displays information such as channel level, gain, input mode, and channel name for each channel. It allows control over individual channel gain and the master DSP function switch. Additionally, it enables grouped adjustment of input/output channels, providing enhanced operational convenience.



Functional Interface

7.1 Input Module Main Interface

Double-click this button  to open the Input Module (see Figure 3.1)

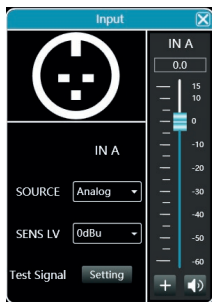
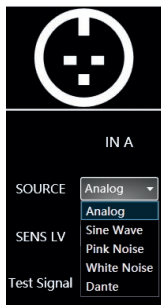


Figure 3.1 Input Module

As shown in Figure 3.1, the following parameters can be adjusted for each input channel:

- Gain (adjustable level control)
- Polarity (phase inversion toggle)
- Mute (channel silencing)

7.2 Test Signal Function



Test Signal Configuration:

Signal Selection: Choose from Sine Wave, Pink Noise, or White Noise as the input source.

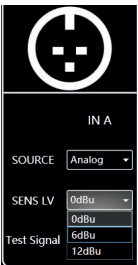
Parameter Adjustment: Set corresponding parameters in the test signal settings based on your requirements for channel testing.

Test Signal Generation Settings:

Gain Control: All three test signals allow adjustable gain values.

Activation Toggle: Use the switch button on the right of each signal (green = ON, red = OFF) to enable/disable the output.

Frequency Adjustment: Exclusive to sine wave – customizable frequency setting available.



Support 0dBu=0.774V, 6dBu=1.546V, 12dBu=3.084V sensitivity switching.

7.3 Input Noise Gate

Double-click this button  to open the Input Noise Gate Settings panel,as shown in Figure 5.1.

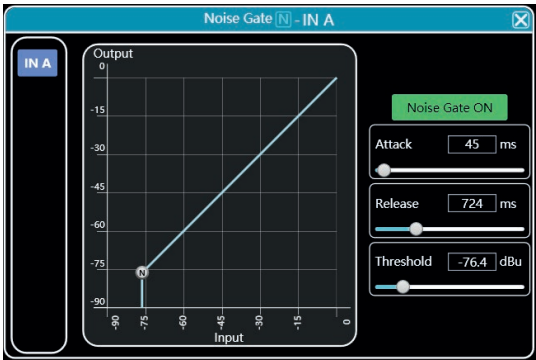


Figure 5.1 Input Noise Gate Settings panel

As shown in Figure 5.1, clicking the Noise Gate switch  in the upper-right corner enables or disables the noise gate function for the channel input signal. Green indicates the function in active, while gray means it is disabled. The parameters Attack Time, Release Time, and Threshold Level can be adjusted by either dragging the sliders  or entering values directly in the input fields . When the noise gate function is enabled, the points  in the graph on the left can be dragged diagonally to adjust their values.

7.4 Input PEQ-X

Double-click the module button  to open the Input PEQ-X Setting panel, as shown in Figure 6.1. The button  in the upper-right corner of the module can be used to enlarge the panel, providing a clearer display of the interface.

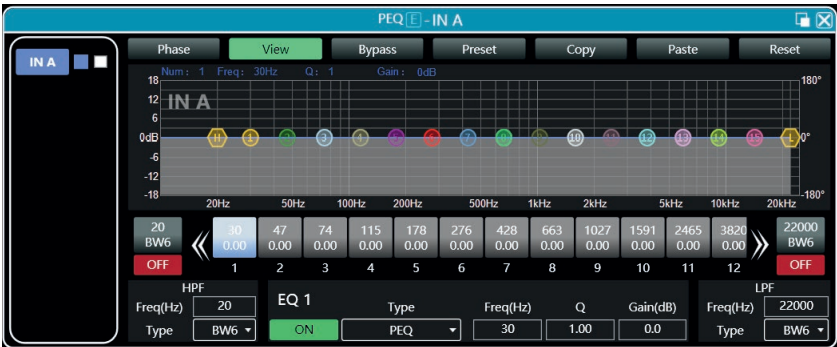


Figure 6.1 PEQ-X Setting panel
-15-

7.4.1 Function buttons

As shown in Figure 6.1, the buttons at the top provide the following functions:

- **Phase:** Displays the phase curve of the current channel.
- **View:** Toggles the visibility of all EQ control points.
- **Bypass:** Simultaneously enables or disables all EQ modules in the current channel.
- **Preset:** Saves the current EQ settings to the computer or loads/overwrites existing EQ parameters.
- **Copy:** Copies the current EQ parameter values for pasting into other input channels.
- **Paste:** Used with the Copy function to apply the copied EQ settings to the current channel.
- **Reset:** Restores all EQ parameters to their default values.

7.4.2 EQ Curve Graph



As shown in the figure above, this section is used to control and display the EQ curve of the current channel.

Adjusting the EQ Curve:

- Click and drag the control points (left mouse button) **up/down/left/right** to modify the EQ curve.
- Hold right-click on a selected control point to adjust the Q factor (bandwidth).

7.4.3 EQ Controls

As shown in Figure 6.1, all EQ controls and their corresponding numerical values are displayed below the curve graph

29	53	74	131	178
-0.20	4.10	0.00	0.80	0.00
1	2	3	4	5

each control point.

By combining these controls with the EQ parameter adjustment options below, users can accurately fine-tune every EQ parameter value.

7.4.4 EQ Parameter Adjustment Section

EQ 15	Type	Freq(Hz)	Q	Gain(dB)
ON	PEQ	12656	1.00	9.7

As shown in Figure 6.1, the EQ parameter adjustment section is located below the EQ controls, providing precise control over various EQ parameters including:

- **On/Off** - Enable/disable the EQ module
- **Type** - Select EQ filter type(e.g Peak, Shelf, Notch)
- **Frequency** - Adjust center/cutoff frequency
- **Q Factor** - Control bandwidth/sharpness
- **Gain** - Set boost/cut level

7.4.5 EQ Preset Button

As shown in Figure 6.1, clicking the “EQ Preset” button will open the EQ Preset Manager (shown in Figure 6.2)

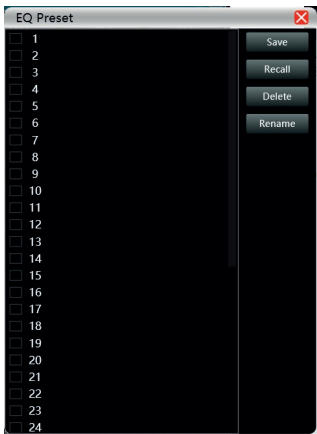


Figure 6.2

Select a preset slot from the list on the left, choose an operation using the function buttons on the right: Save/Load/Delete/Rename.

7.5 Input Delay

Double-click the module button  to open the Input Delay interface (Figure 6.3).

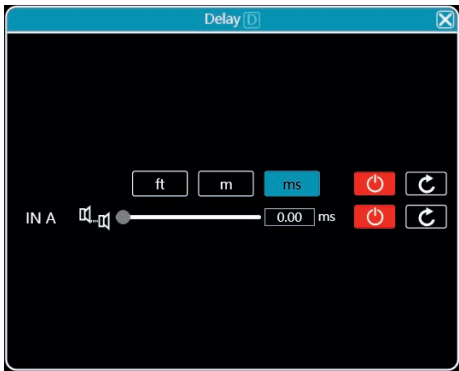


Figure 6.3 Input Delay Interface

The interface displays delay controls for all input channels. Drag the slider  on the left for intuitive adjustment. Or enter an exact value in the numerical input field .

The switch on the right controls the delay function:

Green indicates the delay is active,
Red indicates the delay is bypassed.

The reset button  on the far right instantly restores the channel's delay to its default value.

7.6 Input/Output FIR



Double-click the FIR function button in the upper-right corner to open the FIR configuration page (Figure 6.4). Use the zoom button in the upper-right corner to enlarge the interface for easier adjustment.

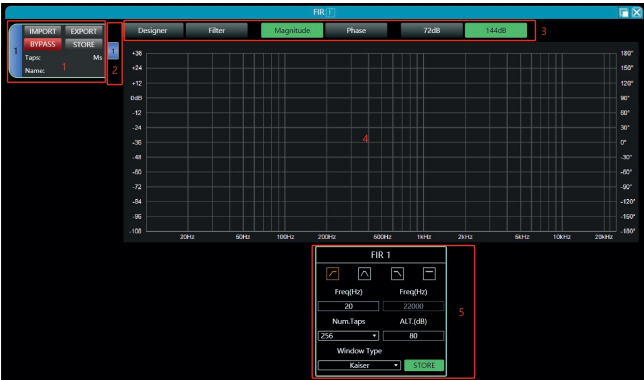


Figure 6.4 FIR Interface

Functional Area Introduction (shown in Figure 6.5)

Configuration Zone ①	IMPORT	Load an FIR preset file into the currently selected channel
	EXPORT	Export FIR settings from current channel
	BYPASS	The Global Bypass feature, when enabled (default red state), renders the channel EQ curve flat. Manual deactivation is required during FIR processing.
	STORE	Save FIR Parameters to Device
	Taps	Current Channel Tap Count
	Ms	Current Channel Delay
	Name	FIR Preset Name for Current Channel
Channel Zone ②	1、2、3、4	Click to reveal the FIR frequency response for selected channel. Supports simultaneous display of multiple channel curves (up to 4 channels).
Interface Zone ③	Design	FIR Designer
	Filter	Switches between design interface modes
	Magnitude	Interface shows amplitude curve
	Phase	Interface shows phase curve
	72dB	Shows amplitude details within 72dB range
	144dB	Shows amplitude details within 144dB range
Display Zone ④	"-108~+36"	Amplitude accuracy, the value used for reference when the current display is an amplitude curve.
	"-180°~+180°"	Phase accuracy, the value used for reference when the current display is a phase curve.
	20Hz~20KHz	Frequency band
Design Zone ⑤		High-Pass
		Band-Pass
		Low-Pass
		Flat Response
	Freq(Hz)	Starting frequency setting, High-Pass on the left, Low-Pass on the right
	Num.Taps	TAP Configuration (2 Stages), adjustable tap length: 256 to 512
	ALT.(dB)	Depth (Kaiser Window Exclusive)
	Windows Type	Window Type Selection
	STORE	Parameter storage, set the parameters and click to save them to the device channel.

Figure 6.5

7.7 Designer Function



1. Click on the Function bar **FIR** and then press **Designer** to enter Figure 6.6 FIR Designer Interface.



Figure 6.6 FIR Designer Interface

- ①: Designer Toolbar
- ②: Curve Import Controls
 - Load: Import speaker curve files
 - Import Clipboard: Insert measurement data from clipboard
 - Clear: Reset both displayed curves and loaded FIR coefficients
- ③: Uncheck the 'Normalise magnitude to max' option in the status bar to adjust the magnitude offset to 0 dB or other magnitude.
- ④: Blue indicates the speaker magnitude
Red indicates the speaker phase
- ⑤: Green indicates magnitude target
Pink indicates phase target
- ⑥: Loaded or clipped speaker magnitude line and phase line display area.
- ⑦: Y-Axis Scale. Dynamic range: -80dB to +40dB (as shown in Figure 6.7)

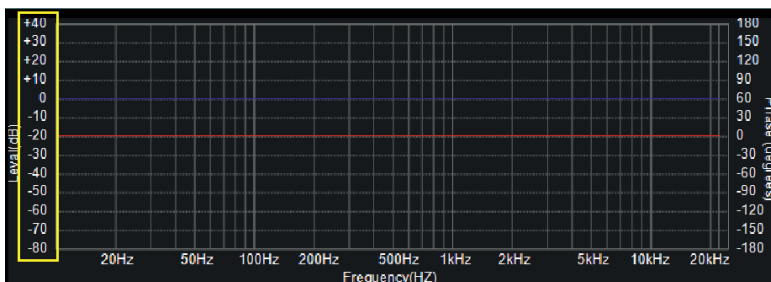


Figure 6.7

- ⑧: FIR target curve display area.

2.FIR-EQ

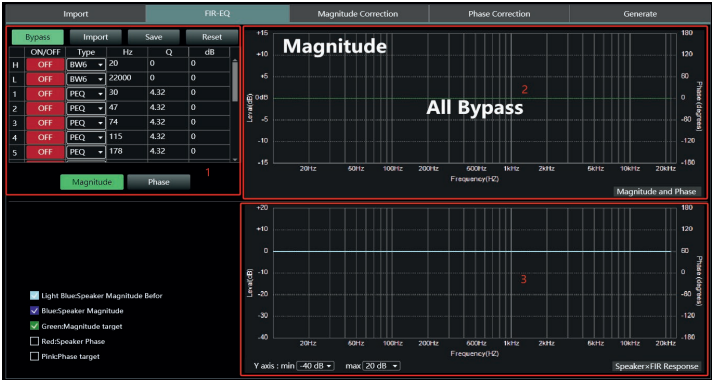


Figure 6.8 FIR-EQ

①: This setting allows adjustment of high/low-pass filters, EQ types, Q values, and gain.

Bypass: When enabled, all EQ settings are disabled.

Import: Loads a saved EQ profile and applies it to the current FIR curve.

Save: Stores the current EQ settings to the computer.

Reset: Restores all EQ parameters to their default values.

②: Curve display zone

③: Multi-Curve Display Zone

3. Magnitude Correction



Figure 6.9 Magnitude Correction

①: Magnitude frequency correction range settings.

②: Magnitude display area after frequency adjustment, as shown in Figure 7.0

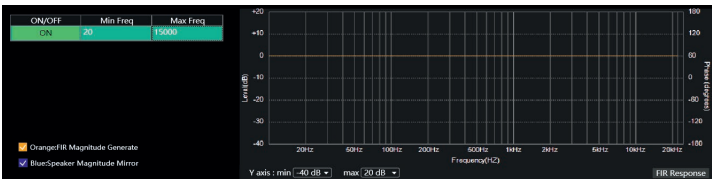


Figure 7.0 Frequency Adjustment View

③: Multi-Curve Display Zone

4.Phase Correction

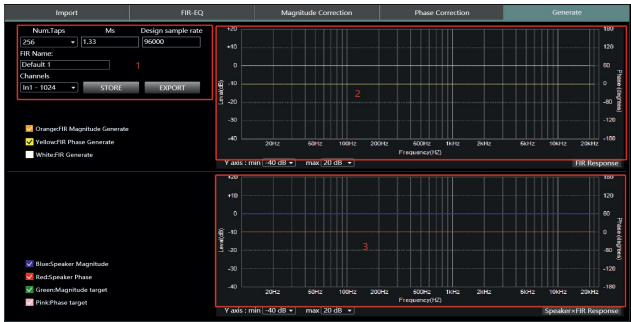


Figure 7.1 Phase Correcion

- ① : Phase frequency correction range settings.
- ② : Phase display area after frequency adjustment (see Figure 7.2)

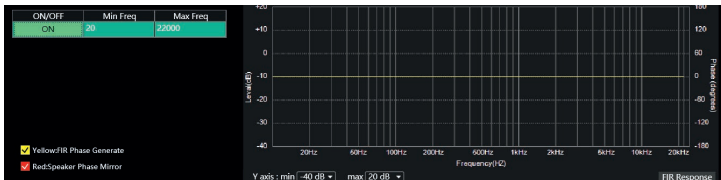


Figure 7.2

- ③ : Multi-Curve Display Zone

5.Generate Interface

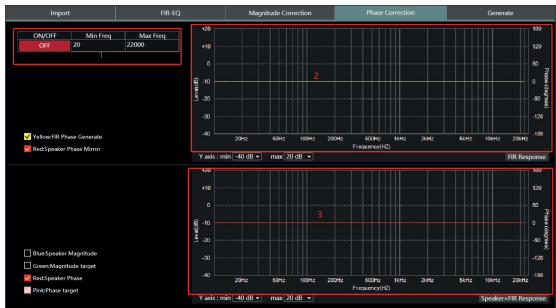


Figure 7.3 Generate Interface

- ① : FIR Data Configuration & Selection:
 - Num.Taps:** Select tap length (256 or 512)
 - Ms:** Auto-calculates latency based on selected taps
 - Design sample rate:** Automatically detects device sampling rate
 - FIR Name:** Customizable label for preset identification
 - Channels:** Selectable input/output channels
 - STORE:** Save to selected channel
 - EXPORT:** Export the current FIR settings to your computer

- ② : FIR Curve Generation Display

- ③ : Multi-Curve Display

7.8 Matrix Mix

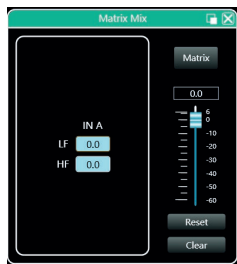


Figure 7.4 Matrix Mix setting module



Double-click the module button to open the Matrix Mix setting module (as shown in Figure 7.4).

In the figure, the left side corresponds to the output channels, and the top corresponds to the input channels. The numeric boxes with values represent the input-output channel mixing keys. When a mixing key is lit (double-click the numeric box to toggle its state), the signals from the corresponding input and output channels are mixed.

The right side of the figure includes the Matrix Mixing gain adjustment, a reset button, and a clear button.

- Click on a numeric box on the left, then drag the Matrix Mixing gain slider or enter a value in the numeric box to adjust the gain for that matrix block.
- Click the reset button will restore the Matrix Mixing function to its initial one-to-one state.
- Click the clear button will remove all Matrix Mixing functions, leaving no correspondence between the device's input and output channels.

7.9 Output PEQ-X



Figure 7.5 Output PEQ-X Interface



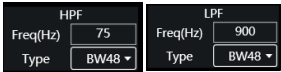
Double-click the function button to open the Output Equalizer interface shown in Figure 7.5. The parametric equalizer functions and operation methods are the same as those in Section 6.1 (Input PEQ-X). However, compared to the input equalizer, the output equalizer adds high-pass and low-pass filter functions, as described below.

7.9.1 High-pass and Low-pass Filter

As shown in the figure above, the high-pass or low-pass filter sections located at the bottom left and right corners allow control over:

- On/Off switching
- Cutoff frequency
- Filter Type

The filter slope can reach a maximum of 48dB/octave.



7.10 Output Delay

Double-click the module button  to open the Output Delay Settings interface shown in Figure 7.6.

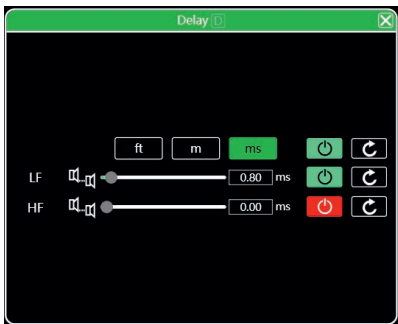


Figure 7.6 Output Delay Setting

As shown in the figure above, the interface displays delay control parameters for all input channels.

Adjust the delay time for each channel by dragging the slider  on the left or entering a value directly in the numeric box .

The toggle switch on the right controls the delay function: Red indicates OFF, Green indicates ON. The Reset button  on the far right restores the default delay values for all channels.

7.11 Output Compressor

Double-click the module button  to open the Output Compressor Setting module shown in Figure 7.7.

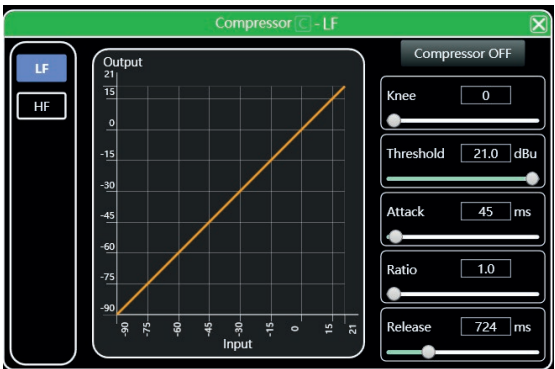


Figure 7.7 Output Compressor Setting

7.12 Output Limiter



Double-click the module button to open the Output Limiter Setting module shown in Figure 7.8.

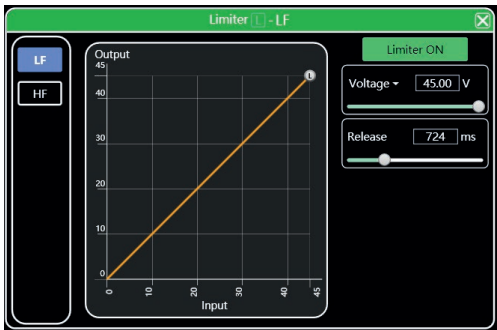


Figure 7.8 Output Limiter Setting

7.13 Output Module



Double-click the module button to open the Output setting module shown in Figure 7.9.

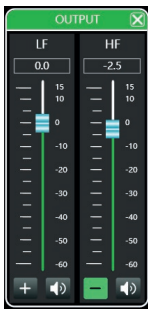


Figure 7.9 Output setting

As shown in the figure, this module allows control over polarity and mute settings for each corresponding output channel.

7.14 Input Channels

As shown in Figure 2.1 (Software Homepage I/O Channel List), the left section displays input channels (see Figure 8.1).



Figure 8.1 Input Channels

① Interface Layout (Top to Bottom): Channel name **In A** , Input mode **ANALOG** , Channel gain,



Function buttons **M** , Channel grouping/link status **1 2 3 4** .

② Channel name, input mode, and grouping status are display-only and cannot be edited.



③ Gain Section: Displays real-time input channel signal level metering **-60** .

④ Function Buttons (Top to Bottom): Mute **M** , Phase **+** , Noise Gate **N** , PEQ **E** , Delay **D** .

Note: All non-mute buttons show green when active.

⑤Channel Grouping: Default 4-channel link groups displayed.

Yellow highlight on group number **2** indicates channel is assigned to Group 2 for linked adjustment.



⑥ Master Controls: The central button panel **H H** between input/output channels serves as global toggle switches for all corresponding functions, enabling simultaneous operation across all input channels.

7.15 Output Channels

As shown in Figure 2.1 (Software Homepage I/O Channel List), the right section displays output channels (see Figure 8.2).

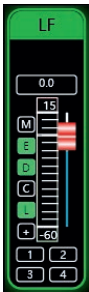


Figure 8.2 Output Channels

- ① Interface Layout (Top to Bottom): Channel name  , Channel gain, Function buttons  , Channel grouping/link status  .
- ② Channel name, digital output status, and grouping status are display-only and cannot be edited.

Gain Section: Displays real-time output channel signal level metering  . Contains two adjustable components:

- Numeric gain field (for direct value entry)
- Gain slider (for visual adjustment)

- ③ Function Buttons (Top to Bottom):  Mute (Red = Active), PEQ  , Delay  , Compressor  , Limiter  , Phase  . All non-mute buttons show green when active.
- ④ Channel Grouping: Default 4-channel link groups displayed. Yellow highlight on group number  indicates channel is assigned to Group 2 for linked adjustment.

7.16 Channel Link Adjustment

Click the link adjustment button  between input/output channels on the software home-page (Fig 2.1) to open the Channel Link interface (Fig 8.3).



Figure 8.3 Channel Link Adjustment

As shown, the interface contains three panels from left to right:

1. Channel List

- Displays all linkable channels.
- Select channels and click  to move them to group lists.

2. Group List

- Contains 2 default groups.
- Channels added while a group is selected will join that group.
- Remove channels by selecting them and clicking  below the  button.

3. Parameter List

- Shows adjustable parameters for linked channels in selected groups.
- Checked parameters will synchronize across all channels in the same group.
- Adjusting any parameter affects all checked parameters in the group simultaneously.

7.17 Device List

As shown in Figure 2.1 (Software Homepage), the Device list is displayed in Figure 8.4 below.

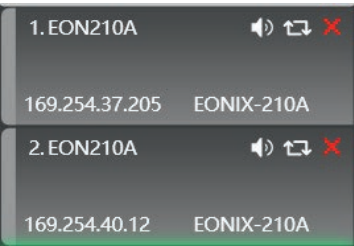


Figure 8.4 Device List

The Device List contains :

- Device ID **<1>**
- Device Name **EON210A**
- Manufacturer Name **EONIX-210A** (Non-editable by users)
- Connection Type: TCP

When Connected, the device’s Network IP address will be displayed in the black space to the left of the manufacturer name if available.

[Speaker] [Refresh] [X] includes the following controls (from left to right):

- Mute Button: Mute all input/output channels for the entire device.
- Status Refresh Button: Immediately updates the device status. when a device is online, the leftmost

position **[Refresh]** turns green .

- Remove Device Button **[X]** : Removes the device from the software.

Note: To configure different devices, simply click to select the target device-the function interface will automatically update to display the selected device’s control page.

7.18 Demo Device

Click “File” → “Demo Device” in the menu of the Home software interface (Figure 2.1) to open the Demo Device Interface (Figure 8.5). Select the desired virtual device model to add it to the device list.

Note: Virtual devices will not connect to physical hardware.

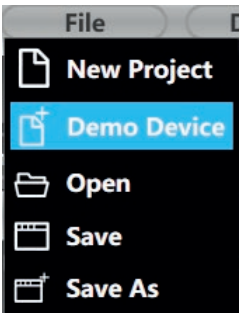


Figure 8.5 Demo Device Interface

7.19 Device

Click "Device" → "Devices" in the menu of the Home software interface (Figure 2.1) to open the Device Manage Interface (Figure 8.6).

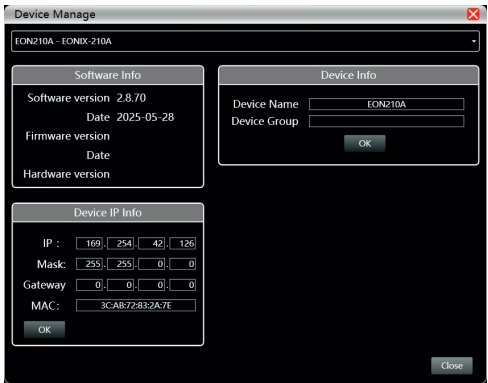


Figure 8.6 Device Manage Interface

As shown above, the Device Manage Interface is divided into four following blocks:

1. Software Information: Displays version numbers and dates for both upper the lower computer systems.
2. Device Information: Shows Device Name, Device Group and Manufacturer Name. To reveal the manufacturer name, use the shortcut: CTRL+ALT+G. "Device Name" and "Manufacturer Name" can be saved by clicking the button after entering a new name.
3. Device IP information: If the current device is connected to the network information, the IP address, gateway, MAC address of the device will be displayed here, in which the IP and gateway can be entered into the new information and click on the OK button to save and restart the device network module, the newly entered network information will be effective immediately.
4. Software Logo: Logo of the software itself.

7.20 Channels Names

Click "Device" → "Channels Names" in the menu of the Home software interface (Figure 2.1) to open the Channels Name Interface (Figure 8.7).



Figure 8.7 Channels Name Interface

OPERATION:

- Enter a new name for the desired channel
- Click "OK" to immediately save and update the channel name

Note: Channel names have a length restriction of 5 characters (letters and/or numbers)

7.21 Channel Copy

Click "Device"→ "Channels Copy" in the menu of the Home software interface(Figure 2.1) to open the Channels Copy Interface (Figure 8.8).

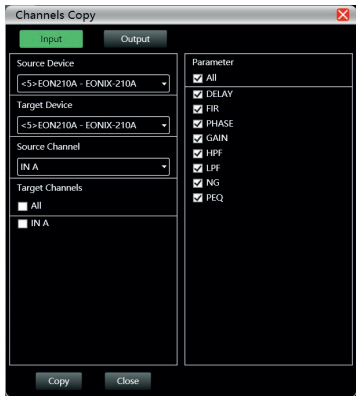


Figure 8.8 Channels Copy

As shown in the figure, the Channels Copy function allows selecting channel parameters from a source device and copying them to target channels on other destination devices, with the restriction that input channels and output channels cannot be copied to each other. The left panel displays the corresponding channels while the right panel shows the parameters available for copying. The "Input"/ "Output" toggle buttons at the top of the interface allow switching between different channel types for the copy operation.

7.22 Presets

Click the "Preset" option in the menu of the Home software interface (Figure 2.1) to open the Device Preset Interface (Figure 8.9).

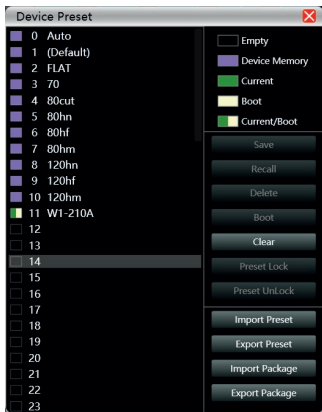


Figure 8.9 Device Preset Interface

As shown in the figure:

The left panel displays preset slots:

- **Slot 0 (Auto):** System preset (not directly usable)
- **Slot 1 (Default):** Factory default preset (can only be recalled, cannot be deleted or overwritten). Recalling this will restore all device parameters to factory defaults.
- **Other slots:** Allow full operations including save, recall, and delete.

The right panel contains the following function buttons:

- ① **Save:** Stores current device parameters to the selected preset slot.
- ② **Recall:** Loads the selected preset to the current device's parameters.
- ③ **Delete:** Removes the selected preset.
- ④ **Boot:** Designates the selected preset to load automatically at next power-on.
- ⑤ **Clear:** Erases all non-system preset records.
- ⑥ **Import Preset:** Loads a single preset file from the computer system, overwriting current parameters.
- ⑦ **Export Preset:** Saves the current device's parameters as a single preset file on the computer.
- ⑧ **Import Package:** Loads multiple presets from a package file.
- ⑨ **Export Package:** Exports all presets from the device as a multi-preset package file.

7.23 Firmware Upgrade

Select "System" → "Upgrade" from the menu in the Home software interface (Figure 2.1) to open the Firmware Upgrade (Figure 9.1).

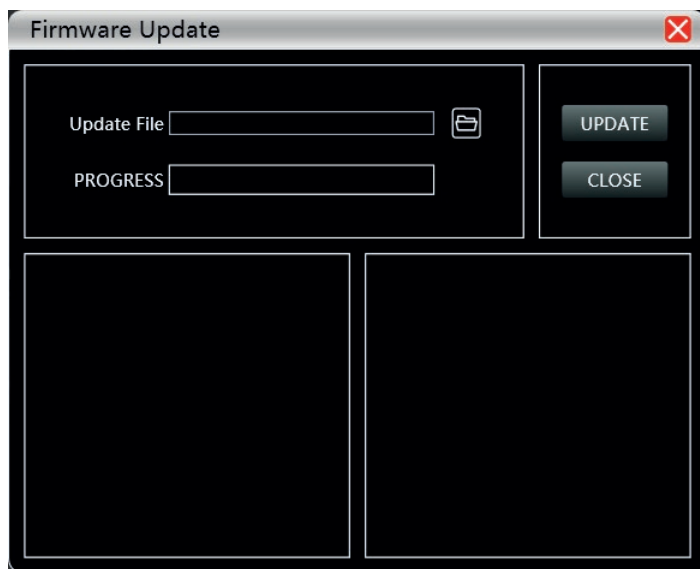


Figure 9.1 Firmware Upgrade

When updates are available for the device's lower computer system:

1. Obtain the upgrade file and open this interface.
2. Select the corresponding upgrade file in the "Upgrade File" field.
3. Click "UPDATE" in the upper-right corner.

The system will:

- Automatically transfer the upgrade file to the lower computer.
- Display operation logs in the progress box below.
- Complete the upgrade process (the lower computer will either reboot automatically or require manual restart).