NAYA

User Manual of

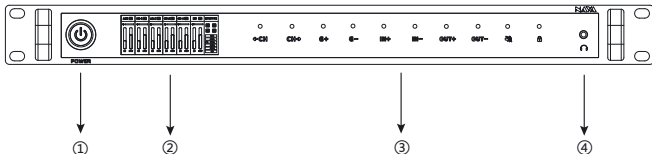Intercom Interface

IPL-IF4700
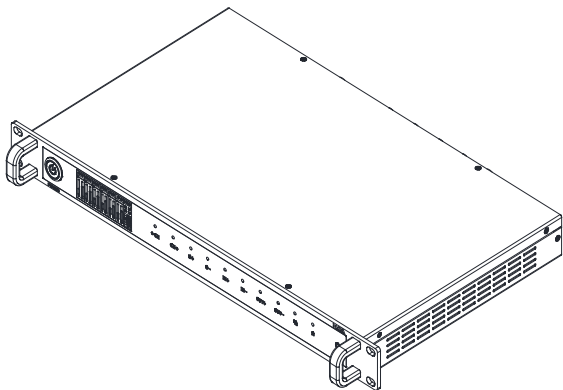
Content

1 Check the items in the package

The package contains the following items, if any damage or loss, please contact Naya or the dealer you purchased from.

No.	Description	Q'ty
①	IPL intercom interface	1PCS
②	Accessories(power cable, rack screws)	1SET

2 Parts introduction

2.1 Front panel

No.	Item	Description
①	Power on/off	Turn the device on/off
②	Display screen	Channel status display
③	←CH	Voice channel/status, selection to the left
	CH→	Voice channel/status, selection to the right
	G+	Group number increased/monitoring group selection
	G−	Group number decreased/monitoring group selection

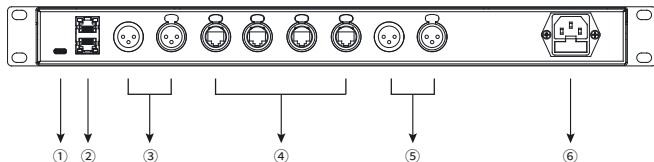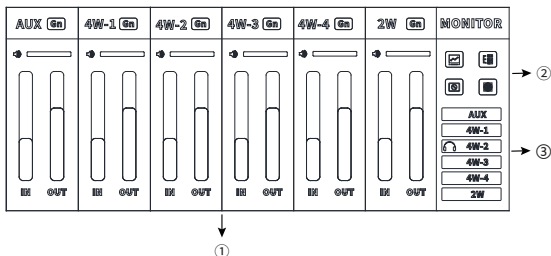| No.	Item	Description
③	**IN+**	Input volume gain for the current channel is increasing
	IN−	Input volume gain for the current channel is decreasing
	OUT+	Output volume gain for the current channel is increasing
	OUT−	Output volume gain for the current channel is decreasing
	🔇	Turn on/off current channel mute
	🔒	Short press "Touch key" to lock, long press it to unlock, touch the keys to lock
④	🎧	Audio channel monitoring interface, TRS socket

2.2 Back panel

No.	Item	Description
①	Configuration port	USB TYPE-C, for data reading and configuration
②	Network interface	RJ45, for connection to the network
③	2W port	3-pin XLR male/female, for connection to 2W audio PartyLine
④	4W port	RJ45 XLR, 4-way for connection to 4W audio
⑤	AUX port	3-pin XLR male/female, for connection to analog audio
⑥	Power port	AC 110/220V

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3 Interface introduction

No.	Item	Description
①	Channel status	Corresponding to 6 channels on back panel, display their input gain, output gain, mute status, grouping status
②	System status	☑ intercom mode, when the icon lights up, the device enter to intercom mode
		☷ grouping mode, when the icon lights up, the device enter to grouping mode
		◻ isolation mode, when the icon lights up, the device enter to isolation mode
		⊕ networking mode, when the icon lights up, the device connected to network and found one IPL device at least
③	Monitoring channel	Displays the channels that can currently be listened to, and for channel selection

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Please read the manual carefully before using the product

4 Basic operation

4.1 Connect to power supply

◆ Power port, connected to city electricity AC 110/220V. Good grounding is necessary, or this may cause permanent damage to the device.

4.2 Power on/off

◆ After connecting to the power supply, press the power switch, the power icon lights on, and the device is turned on. Press the power switch again, the power icon is off, and the device is off.

4.3 Audio input

◆ 2W, 4W, AUX audio interface is analog audio interface, which can be connected to 2W audio equipment (PartyLine), 4W audio equipment (CCU, RTS and other point to point audio equipment), conventional audio equipment (such as mixer, recorder, etc.). For connection, please contact Naya or its dealers to customize the special cable.

◆ Network interface used to connect to IPL networking. To connect the analog audio to the IPL networking in groups, you need to use the network cable to connect the device to the existing IPL network.

4.4 Channel setting

◆ Use the [Channel Selection] key to select the current channel (the selected channel is highlighted).

◆ When the current channel is selected, you can do as follows:

◆ Gain adjustment: Use [IN +] [IN-] key to adjust the input gain of the current channel.

◆ Use [OUT +] [OUT-] key to adjust the output gain of the current channel.

◆ Group setting: Use the [G +] [G-] key to set the group of current channel. The audio of the current channel sent to the IPL network according to group No.

◆ Mute setting: use the [🔇] key to mute the current channel. In mute mode, the audio input of the channel will be blocked, but the audio output will remain normal.

4.5 Key lock

◆ Short press [🔒] , the corresponding key light is always on, which means that all touch keys have been locked and other keys will not work.

◆ Long press [🔒] until the key light is off, the key lock state is lifted, and other keys can work normally.

4.6 Monitoring channel selection and setting

◆ Use the [Channel Selection] key to select the monitoring channel. When the monitoring channel is highlighted, use the [G +] or [G-] to adjust the currently monitoring channel (the selected channel will be with headset icon). At this time, insert the headset in the monitoring headset sock of the front panel (only 3.5mm audio plug supported) to monitor the input audio of the selected channel in real time.

◆ When selecting the listening channel, use the [OUT +] or [OUT-] to adjust the volume of the channel in real time. Note that the volume adjusted at this time only affects the monitoring volume, but will not affect the actual input volume.
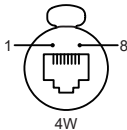
5 Basic operation

5.1 2W interface definition

◆ 2W audio interface. The 2W interface is 3-pin XLR male/female socket, with the consistent definition, easy for expansion.

2W-M　　　　　　　　2W-F
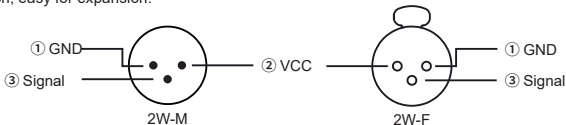
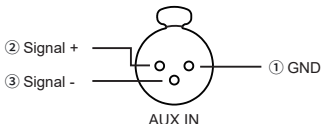**5.2 4W interface definition**

◆ There are four sets of 4W interfaces, namely 4W-1,4W-2,4W-3 and 4W-4. All 4W interfaces with same definition.

4W

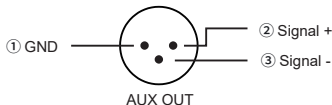| 1	2	3	4	5	6	7	8
GND	Tally_PGM	Audio OUT +	Audio IN +	Audio IN -	Audio OUT -	Tally_PVW	GND

5.3 AUX IN interface definition

◆ AUX IN audio interface is a 3-pin XLR female socket, to receive analog audio signals.

② Signal +

③ Signal -

① GND

AUX IN

5.4 AUX OUT interface definition

◆ AUX OUT audio interface is 3-pin XLR male socket, for analog audio signals output.

① GND

② Signal +

③ Signal -

AUX OUT

6 Maintenance and Cleaning

In order to ensure that this equipment can exert its good performance and extend its service life, please be familiar with the following for better daily maintenance and cleaning.

◆ **Maintenance**

① Do not puncture or scratch the device with hard objects;

② Do not store the device in an environment containing corrosive electronic circuits;

③ Do not compromise the antenna

◆ **Cleaning**

① Clean the device regularly and use a clean, dry towel or brush to remove dust from the surface of the device.

② If the equipment casing becomes dirty, you can use neutral detergent and no obstruction cloth to clean it, do not use stain remover, alcohol, spray and other chemical preparations to avoid damage to the equipment, be sure to ensure that the equipment is completely dry, otherwise do not use.

7 Warranty and Maintenance Terms

The company promises that all the equipment produced by the company, from the date of purchase, under normal use operation and maintenance conditions, material or manufacturing process defects, can enjoy the following warranty services.

◆ **Warranty scope and period.**

12 months

◆ **Maintenance terms**

If you apply for product maintenance, please be sure to provide the company's product warranty card or valid purchase invoice as a proof, during the warranty period, the relevant marks of the product should be kept clean and complete and not torn.

8 Warranty card

In order to protect your rights and interests, please fill in it carefully and keep it properly as a certificate for maintenance.

Reseller information			
Model		Sales date	
Reseller		Contact telephone/E-mail	
User information			
User		Contact telephone	
Address		E-mail	