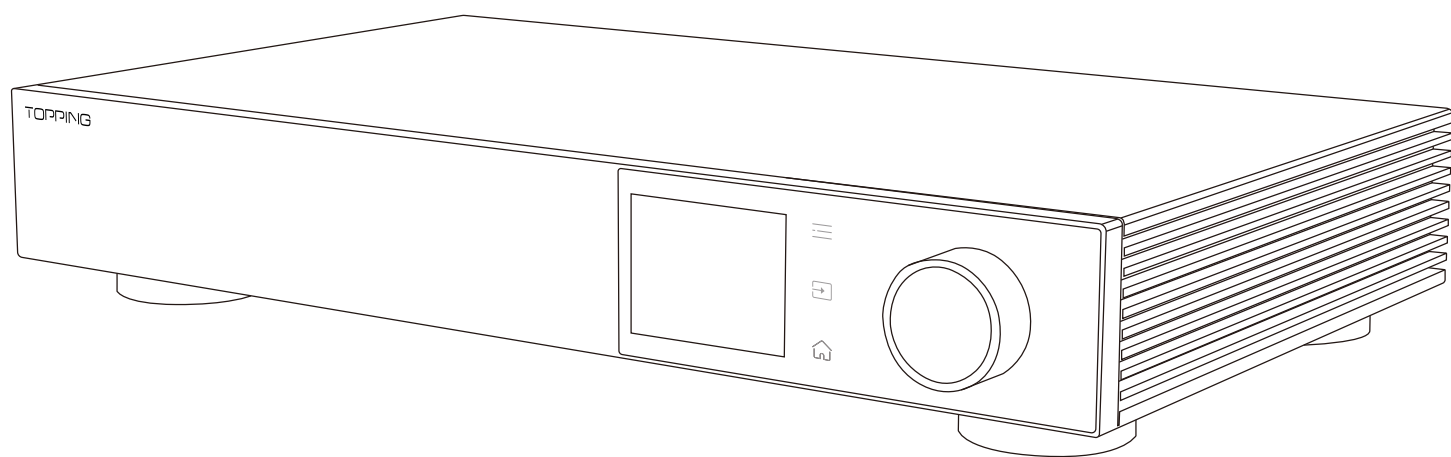


TOPPING

# *Pre900*



Model: TP239  
V1.0

User manual

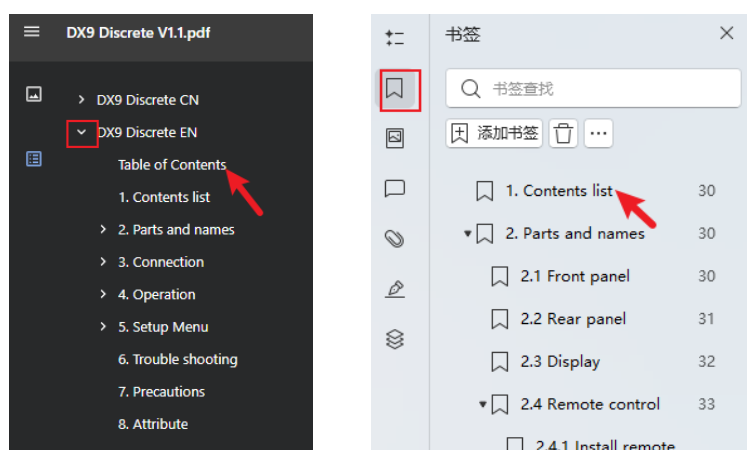
# Manual Reading Guide

## Jump to target section (image for reference only)

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## Keyword search

- Windows: Press Ctrl + F to search for keywords.
- Mac: Press Command + F to search for keywords.

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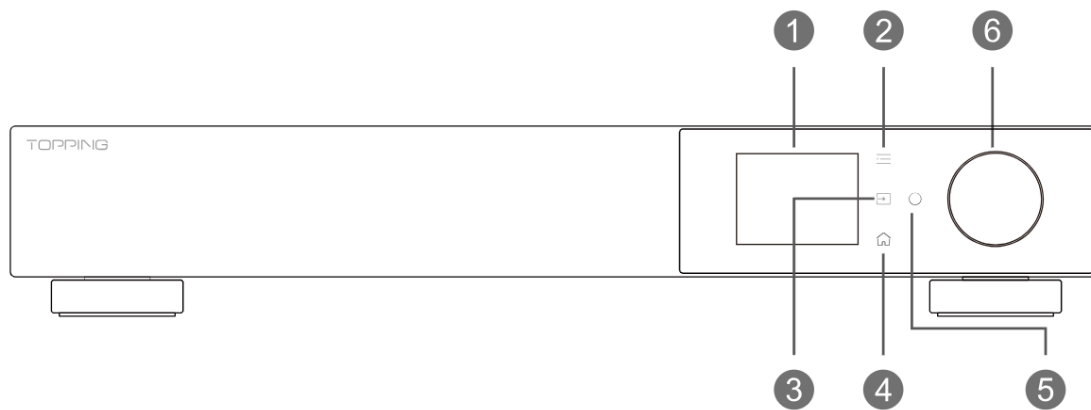
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# 1. Contents list

Pre900	x1
RC23 Remote control	x1
AC cable	x1
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# 2. Parts and names

## 2.1 Front panel



1. **Screen**

2. **Menu**

See "7. Setup Menu", below.

3. **Input channel switching**

4. **Home page switching**

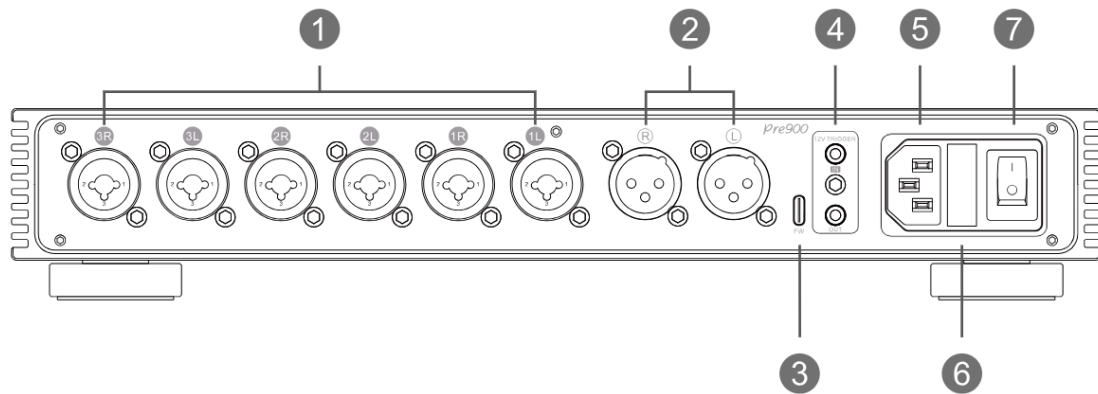
5. **Remote control receiver**

6. **Volume knob & User-defined button**

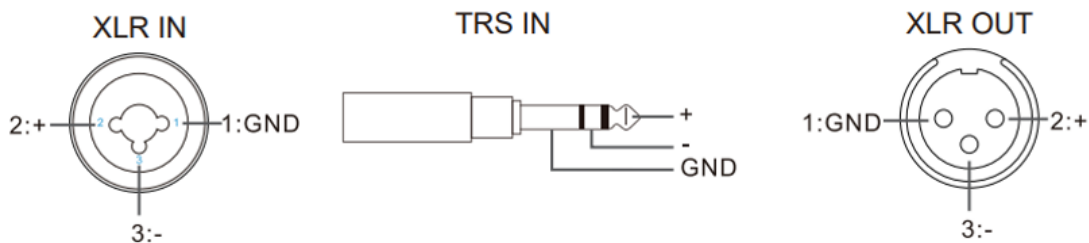
Rotate the knob: Adjust the volume.

Press the knob: User-defined function. Please set it at [Setup Menu-Advanced-Knob press].

## 2.2 Rear panel

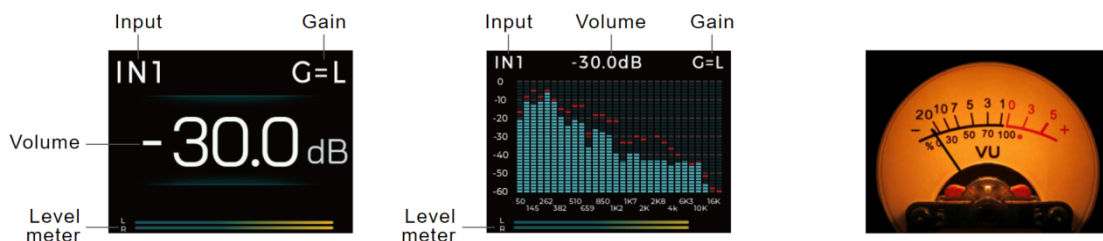


1. **XLR+6.35mm TRS combo input**
2. **XLR Balanced output**
3. **Firmware upgrade port**
4. **12V Trigger IN/OUT (3.5mm jack)**  
See "5. Connection - Connect 12V Trigger", below.
5. **Power input (AC 100-240V 50Hz/60Hz)**
6. **Fuse (5mm x 20mm, 1A and slow-blow)**
7. **Power switch**



## 3. Display

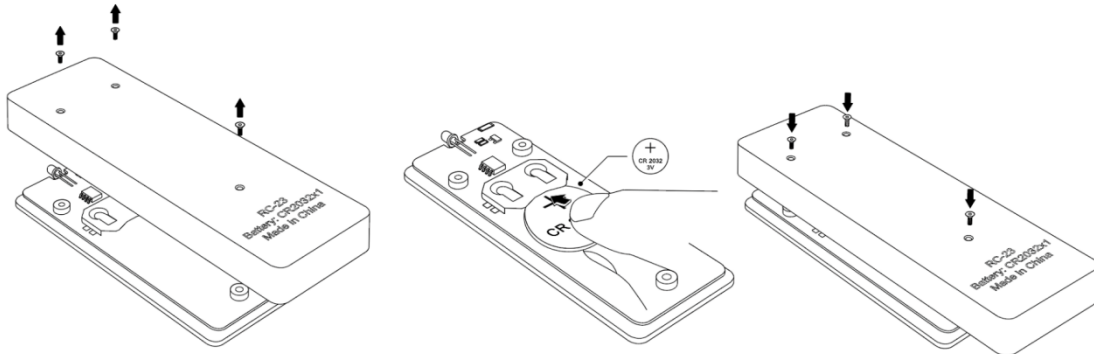
There are three types of homepage display: Normal, VU and FFT, which are set in the menu [Setup Menu- Display - Home].



\*VU Meter, FFT and Level meter monitor or reflect audio input level of current source.

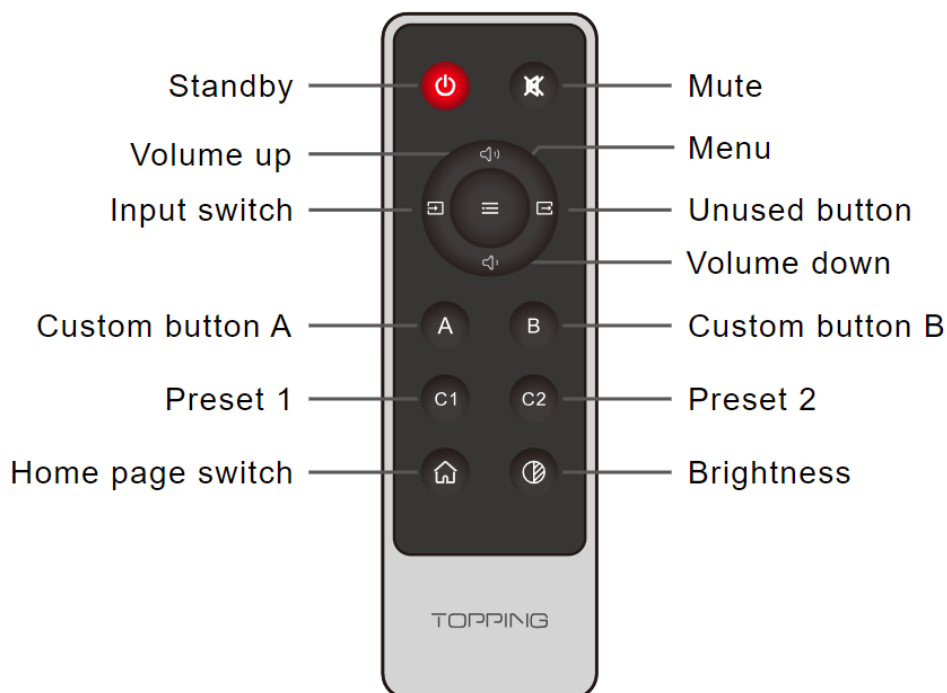
## 4. Remote control

### 4.1 Install remote control battery



1. Use the included H1.27 screwdriver to remove the three screws on the back.
2. Insert the CR2032 button cell (not included) in the direction of the arrow.
3. Install according to the original path.

### 4.2 Remote Control Overview



\*After installing the battery, if the remote control still doesn't work, try pressing and holding both the "Standby" and "Mute" buttons simultaneously until the indicator light flashes twice to complete pairing.



**A B buttons:**

The function of these two buttons is customizable. See "Advanced" in the "Setup Menu", below.



**C1 C2 buttons:**

**Operation:** Press and hold the C1/C2 button for 3 seconds to save the current settings. Short press the C1/C2 button to use the corresponding settings.

**What was saved:** Volume and all settings in the setup menu, such as input channel, gain, etc.

**When to use:** This feature is suitable for users who have more than one usage scenario, such as the two shown below. Using C1&C2 buttons to save and load settings may free you from changing settings one by one when you want to change usage scenario.

Pre900	Usage scenario 1: Connect Source A	Usage scenario 2: Connect Source B
Input channel	Combo Input 1	Combo Input 2
Volume	-30dB	-20dB
Gain	Low	Medium

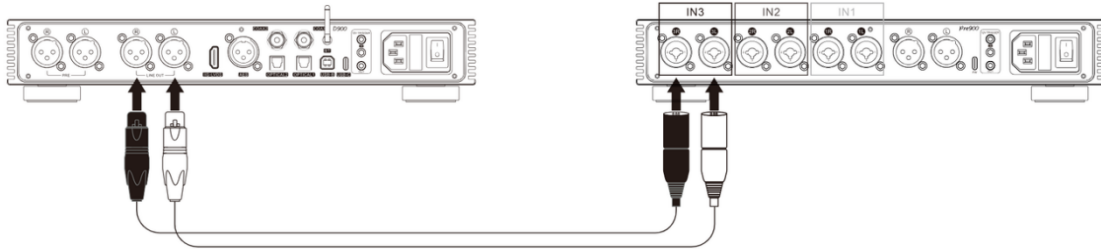
If your settings are accidentally changed, don't worry. Simply press the C1 or C2 button to instantly restore your previously saved configuration — fast and reliable.



## 5. Connection

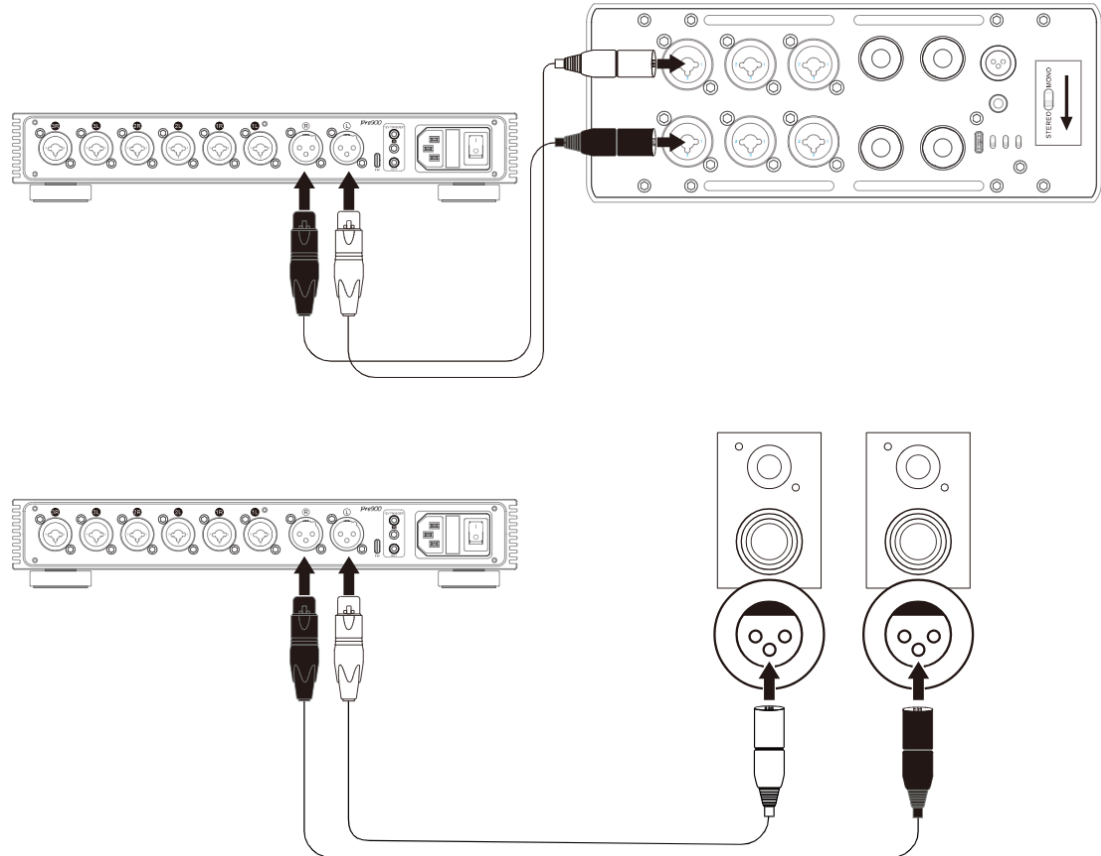
### 5.1 Connect to the input source

Use XLR or TRS balanced cable to connect to the DAC.



### 5.2 Connect to amplifier or active speaker

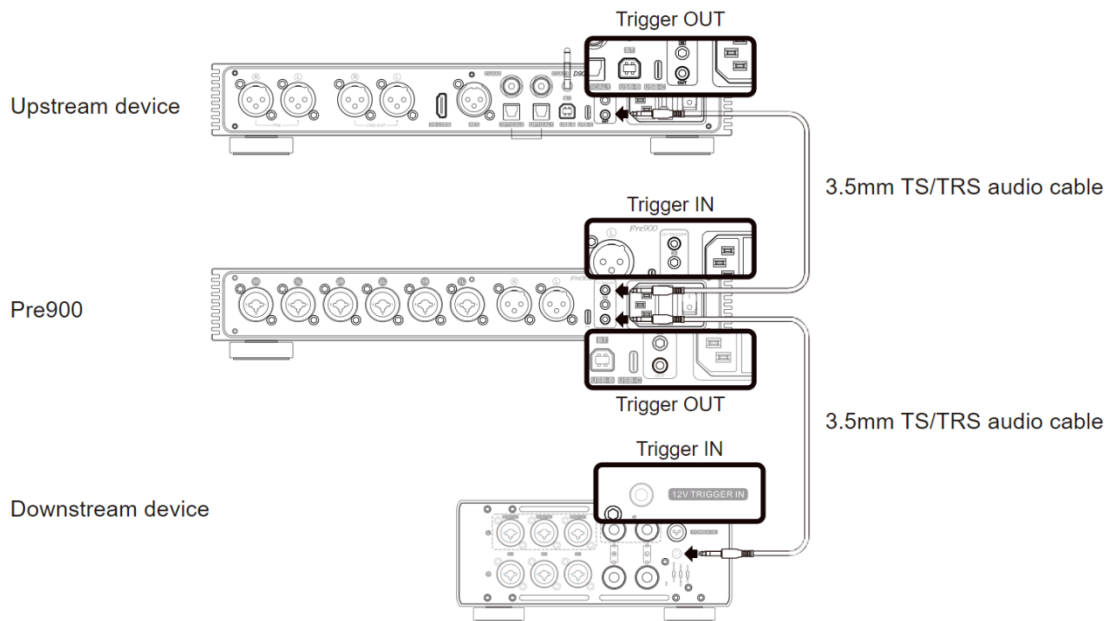
Use XLR cable to connect to amplifier or active speaker. In order to avoid damage to your devices, please turn off the amplifier or active speakers before you connect them to Pre900.



## 5.3 Connect 12V Trigger

The 12V Trigger IN/OUT allows the Pre900 to be activated by other devices or to activate other devices via a 3.5mm AUX cable. The upstream device connected to Trigger In can control the power on/standby of Pre900, and the downstream device connected to Trigger Out can be controlled by Pre900.

\*Before using the Trigger IN function, you need to set the On/Off trigger mode to "On" in the setup menu. [Setup menu-Advanced-On/Off trigger]

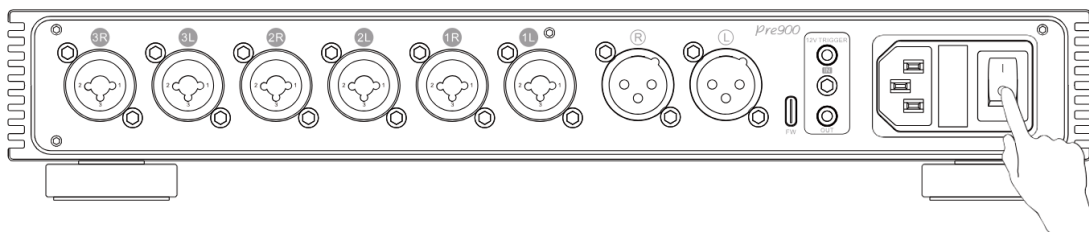


## 6. Operation

### 6.1 Power on & off / standby operation

#### Power on & off

Press the power switch on the rear panel to turn the Pre900 on or off.



#### Standby setting

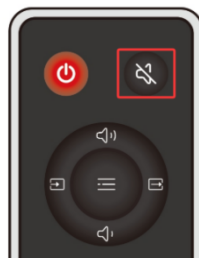
When it is working, press and hold the button on the front panel to enter standby state and press to exit standby state when it is standby. Or you can use the remote control.



## 6.2 Volume setting

### Mute and unmute

Press the mute button on the remote control to mute Pre900, press the mute button again or adjust the volume to exit mute state.



### Volume adjusting

You can press the volume knob on the front panel or press the "volume+" or "volume-" on the remote control to adjust the volume. Note that long pressing the "volume+" or "-" button on the remote control will quickly change the volume, so please be careful in order to protect your hearing.



## 6.3 Input settings

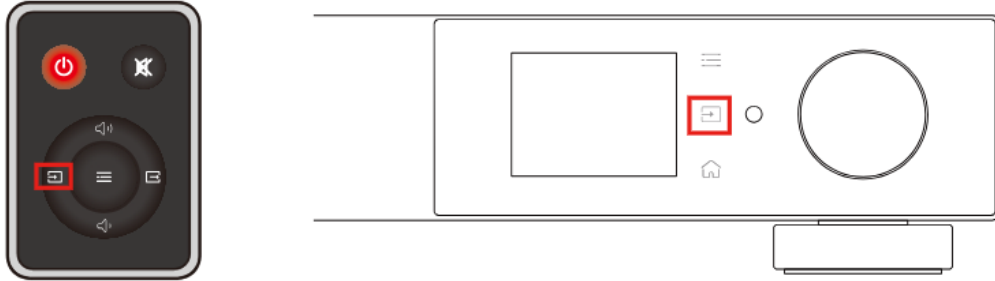
### Input option setting

Since the device supports multiple input channels, switching between them may take some time. To improve efficiency, it is recommended that you preselect frequently used input channels in [Setup menu-Input settings-Input option]. This can help reduce the time required for switching input sources.

- IN1
- IN2
- IN3

## Input channel switching

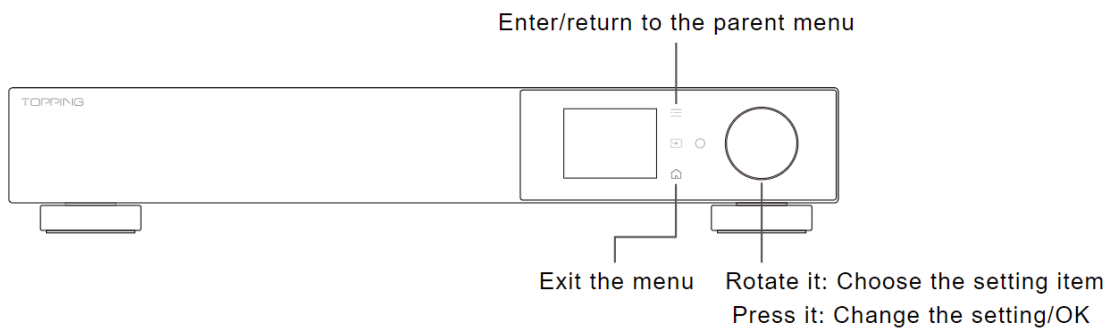
After completing the input option settings, press the “Input switch” button on the remote control or the input touch button on the front panel to cycle through the inputs.



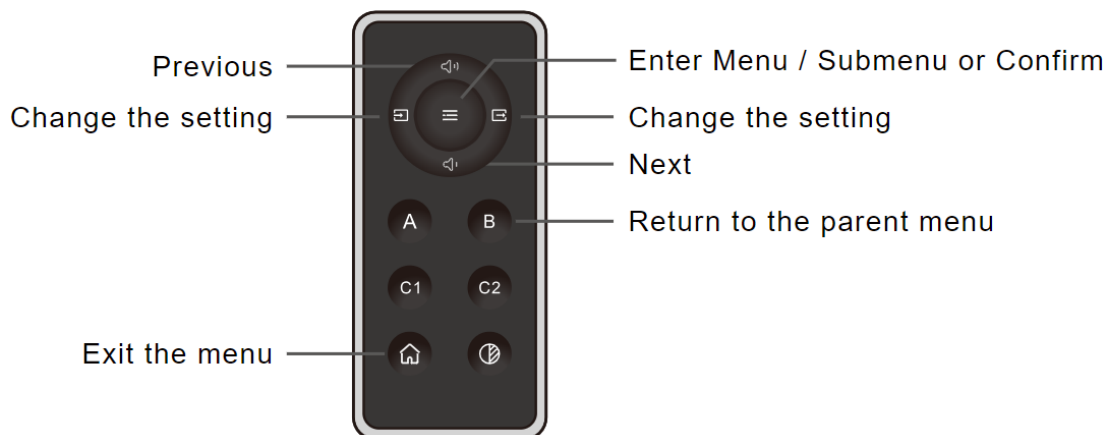
# 7. Setup Menu

## 7.1 Enter menu and change settings

### Buttons on front panel



### The remote control



## 7.2 Settings Instructions

### 7.2.1 Display

Display	
Theme	Aurora
Home	Normal
Brightness	Medium
FFT 0dB level	5Vrms
Classic VU 0dB	+4dBu
Level meter	All on
Return	

#### Theme

Multiple options available, default Aurora.

#### Home

Choose home page Normal (Default), VU, FFT

#### Brightness

Low, Medium (Default), High, Auto

\*Auto has the same brightness as Medium. The difference is that when there is no operation after 30 seconds under Auto mode, the screen will be automatically turned off and only display the current input. You can press any button to light up the screen.



#### FFT 0dB level

Set 0dB reference voltage for the FFT page.

2Vrms, 5Vrms (Default), 10Vrms

#### Classic VU 0dB

Set 0dB reference voltage for VU meter. For example, if set to +4dBu, when the pointer swings to 0dB, the current output level of Pre900 is +4dBu.

+4dBu (Default), +10dBu

#### Level meter

All on (Default), Normal page, FFT page, All off

## 7.2.2 Input settings



### **Input select**

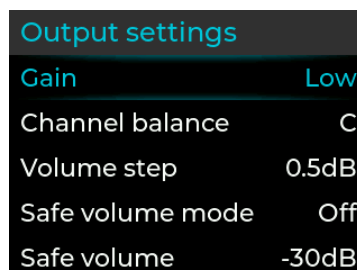
IN1(Default)/Input option

### **Input option**

Since the device supports multiple input channels, switching between them may take some time. To improve efficiency, it is recommended that you preselect frequently used input channels in [Setup menu-Input settings-Input option]. This can help reduce the time required for switching input sources.

- IN1
- IN2
- IN3

## 7.2.3 Output settings



### **Gain**

Low (Default), Medium, High

### **Channel balance**

Setting range: C (Balance), L+0.5~9.5dB or R+0.5~9.5dB. (Default: C)

\*When using the knob on the front panel, press the knob to enter the setting, rotate the knob to set the value, and press the knob again to exit the setting.

### **Volume step**

0.5dB(Default), 0.2dB, 0.1dB

\*A short press adjusts the volume by the set step, while a long press adjusts it in 1 dB steps.

## Safe volume mode

On, Off (Default)

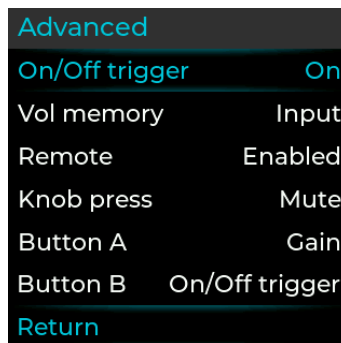
\*When switching input channels or powering on, if the current volume is higher than the safe volume, the volume will be automatically changed to the safe volume value if you don't press the middle button on the remote control/ the knob on the front panel within 10s.

## Safe volume

Customized settings from -80.0dB to -0.0dB (Default: -30dB)

\*When using the knob, press the knob to enter the setting, rotate the knob to set the value, and press the knob again to exit the setting.

## 7.2.4 Advanced



Advanced	
On/Off trigger	On
Vol memory	Input
Remote	Enabled
Knob press	Mute
Button A	Gain
Button B	On/Off trigger
Return	

### On/Off trigger

**On:** 12V signal will trigger the device to turn on. When Pre900's Trigger In is connected to another device's 12V Trigger Out, Pre900's on/standby state can be controlled through this device. The Pre900 will remain in standby state until Trigger In detects the signal change from 0V to 12V. When changing back to 0V, the Pre900 will return to standby state. (Default)

**Off:** Disabled this function.

### Vol memory

**Input:** The Pre900 will remember the volume and gain for each input channel and automatically restores them when the channel is selected again. (Default)

**Disabled:** Disabled this function.

### Remote

Enabled (Default), Disabled

### Knob press

Customize the function of the press knob.

Input select (Default), Home select, Brightness, Dim screen, Mute, Gain, Safevol mode, Volume step, On/Off trigger

### **Button A**

Customizable function for remote control button A

Input select, Home select, Brightness, Dim screen, Mute, Gain (Default), Safevol mode, Volume step, On/Off trigger

### **Button B**

Customizable function for remote control button B

Input select, Home select, Brightness, Dim screen, Mute, Gain, Safevol mode, Volume step, On/Off trigger(Default)

## **7.2.5 Language**

English, 中文

## **7.2.6 Factory reset**

Select factory reset will have a pop-up, select Yes/No (Selected with color), then press the middle button on the remote or the front-panel knob to confirm.

## **8. Firmware Upgrade**

Click the link below to view the latest firmware, how to check the firmware version, and the firmware upgrade steps:

<https://www.toppingaudio.com/supports?search=Pre900&tab=firmware>

## **9. Trouble shooting**

If there are problems during use, please find the corresponding solutions through the following links.

<https://www.toppingaudio.com/supports?search=Pre900&tab=faq>

If you still have problems or questions, please contact us:  
service@toppingaudio.com

## 10. Precautions

- Do not keep the unit in a hot, humid environment or hit the unit strongly.
- Opening the case instantly voids the warranty!
- Indoor use only.
- Topping accepts no liability for any loss or damage arising directly or indirectly from the failure of Pre900.
- For improvement purposes, specifications subject to changes without prior notice.

## 11. Attribute

Measured	33.0cm x 5.7cm x 20.0cm (Include protruding parts)
Weight	2.55 Kg
Power input	100-240VAC 50Hz/60Hz
Gain	L/M/H
Input	3 x BAL Stereo (Combo:XLR/6.35mm TRS)
Output	1 x BAL Stereo (XLR)
Other connectors	12V Trigger In (3.5mm jack) 12V Trigger Out (3.5mm jack)
Display	2inch LCD
Standby power consumption	<3W
Power consumption	<10W

## 12. Specifications

Pre900 Pre-amplifier specifications	
<b>THD+N @1kHz A-wt</b>	0.00005%

<b>THD @20-20kHz 90kBW</b>	0.00003%
<b>SNR @MAX OUT 1kHz A-wt</b>	151dB
<b>Dynamic Range @1kHz A-wt</b>	151dB
<b>Frequency Response</b>	20Hz-40kHz( $\pm 0.05$ dB) 20Hz-100kHz( $\pm 0.1$ dB)
<b>OutPut Level</b>	69Vpp @G=L 65Vpp @G=M 65Vpp @G=H
<b>AP measured noise level @A-wt</b>	<0.7uVrms @G=L <1.2uVrms @G=M <2.5uVrms @G=H
<b>Actual noise level* @A-wt</b>	<0.3uVrms @G=L <0.9uVrms @G=M <2.3uVrms @G=H
<b>Channel Crosstalk) @1kHz</b>	-150dB
<b>Input Sensitivity</b>	25.3Vrms @G=L 7.1Vrms @G=M 2.3Vrms @G=H
<b>Gain</b>	-0.0dB @G=L +10.4dB @G=M +19.9dB @G=H
<b>Input Impedance</b>	20k $\Omega$
<b>Output Impedance</b>	100 $\Omega$

\*Note:The actual noise level is obtained by boosting the noise of Pre900 by 40dB using a low noise amplifier in front of the APx555B then dividing the measured noise by 100 times.