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# FONE540

## User Manual

## Federal Communications Commission Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to pro-vide reasonable protection against harmful interference when the equipment is operate din a commercial environment. This equipment generates, uses, and can radiate radiofrequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Warning:
This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

## DISCLAIMER

No warranty or representation, either expressed or implied, is made with respect to the contents of this documentation, its quality, performance, merchantability, or fitness for a particular purpose. Information presented in this documentation has been carefully checked for reliability; however, no responsibility is assumed for inaccuracies. The information contained in this documentation is subject to change without notice.

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- THE CONTENTS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. IF THE CONTENT IS WRONG, PLEASE INFORM US TO MAKE CORRECTIONS.

## WARNING

- To reduce risk of fire or electric shock, do not expose this appliance to rain or moisture. Warranty will be void if any unauthorized modifications are done to the product.
- Do not drop the speakerphone or subject it to physical shock.
- Use correct power supply voltage to avoid damaging speakerphone.
- Do not place the speakerphone where the cord can be stepped on as this may result in fraying or damage to the lead or the plug.

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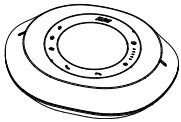
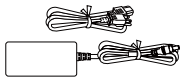
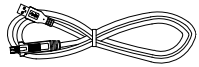
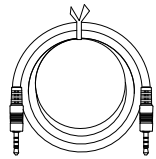
# Package Contents

| Speakerphone Unit | Power Adapter Power Cord* | USB 2.0 Cable | 3.5 mm Audio Cable (0.9m) |
|---|---|---|---|
|  |  |  |  |

*****The power cord will vary depending on the standard power outlet of the country where it is sold

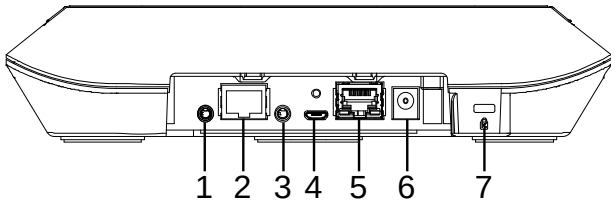
## More Help

For FAQs, technical support, software and user manual download, please visit: http://www.aver.com

www.aver.com

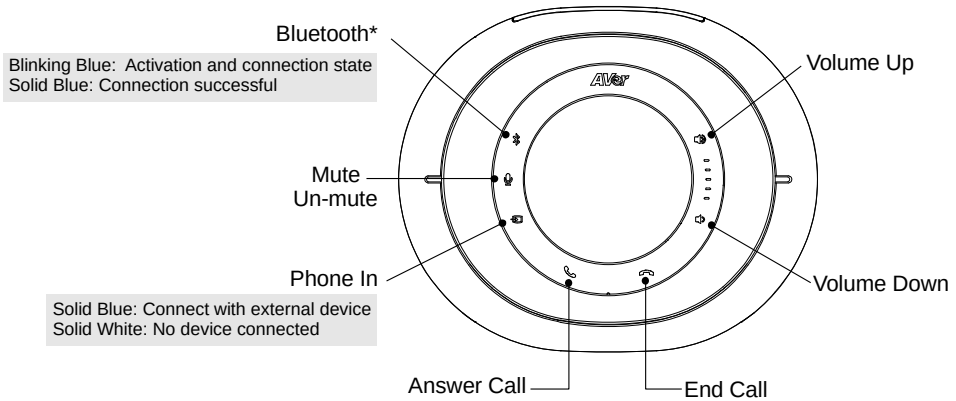
# Product Introduction

## Overview




1. Phone in port
2. Speakerphone port
   (For extended speakerphone and microphone / Red cable)
3. Line out port
4. USB port
5. Ethernet port
6. Power jack
7. Kensington Lock

## Speakerphone Indicator




* ONLY FONE540 Bluetooth version is supported.

# Phone in Connection Expansion Speakerphone/Microphone Connection

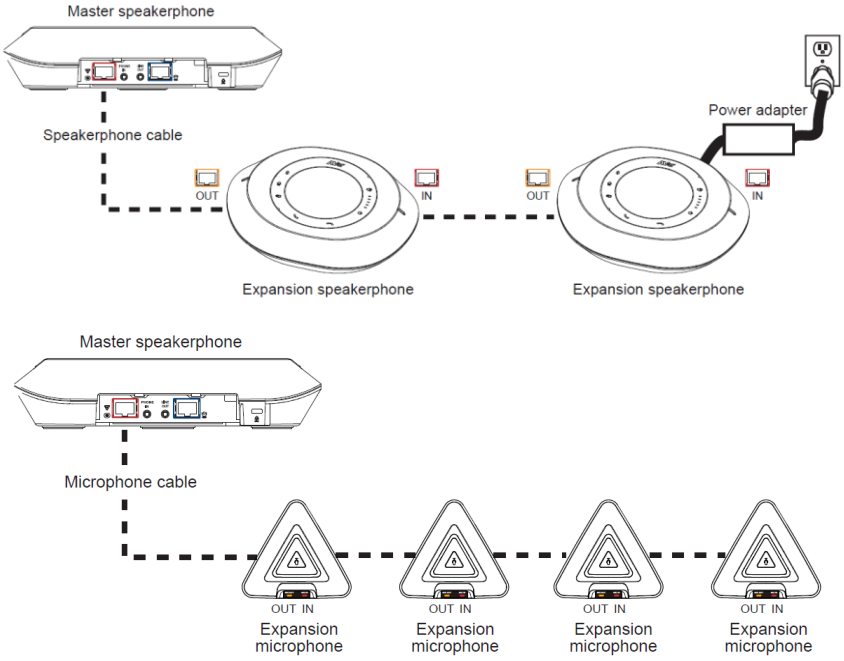
Please purchase the expansion speakerphone and/or microphone directly from AVer or an AVer reseller.

**Expansion Speakerphone Requirements:**

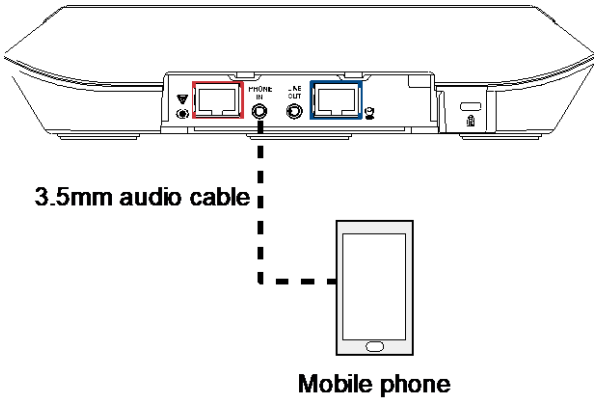
- **FONE540 Firmware version:** 7000.34 or later

**[Note]**

- The FONE540 can support up to two expansion speakerphones, however, the daisy-chain expansion cable cannot exceed over 40m in total.
- Please connect the power supply for the expansion speakerphone when daisy-chaining over 20m.
- Please connect the power supply when upgrading the firmware for the expansion speakerphone.
- The expansion speakerphone cannot be used as the main speakerphone; it can only be used with the FONE540.
- The speakerphone/microphone cables will be included in the package contents when the user purchases the expansion speakerphone/microphone.

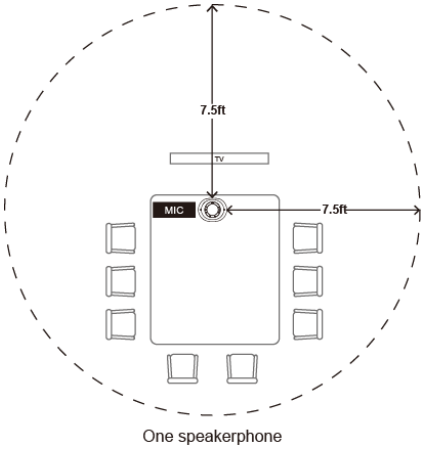


Users can connect a mobile phone to the Phone in port on the speakerphone as a hands-free speaker. When the device connects with the speakerphone, the icon will light up in blue. Touching the icon will temporarily disconnect the connection of the device with the speakerphone; touching the icon again will resume the connection.

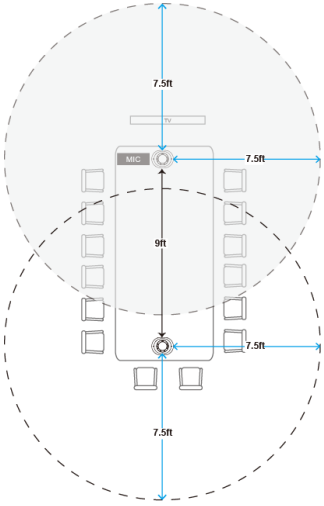



## Audio Signal Receive Range

The best distance for the speakerphone to receive audio signal is within 7.5ft in radius. When connecting two or more speakerphones, the distance between the speakerphones must be 9ft.



One speakerphone



Two speakerphones

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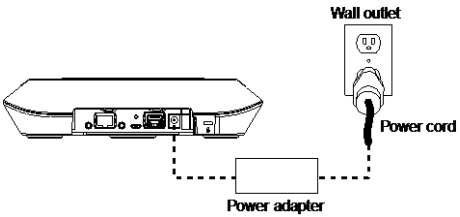
# Speakerphone LED Indicator

| Button | LED Indicator | Status |
|---|---|---|
| / | White light | Adjust the volume up and down. When adjusting the volume up and down, the volume LED indicator will light up in blue. |
| | White/Blue light | Touch to mute/un-mute the speakerphone volume. In mute status, the LED indicator will light up in red. |
| | Red light | Touch to hang up the call. |
| | Green light | Touch to answer the incoming call. |
| | ■ Blue light: Connects with external device<br>■ White light: Temporarily disconnects the connection with the device<br>■ Off: No connection with external devices | When the Phone in port connects with the device, the LED indicator will light up in blue. |
| | ■ Activate Bluetooth and connect with laptop/PC. | When connection is successful, the Bluetooth indicator will light up in **Blue**. |

# Installation

## Device Connection

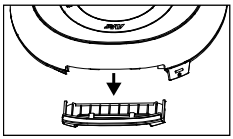
1. **Connect the speakerphone to a power outlet.**

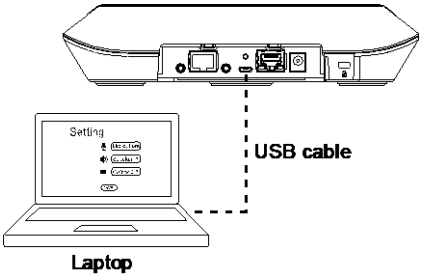



2. **Connect the speakerphone to the laptop/PC.**

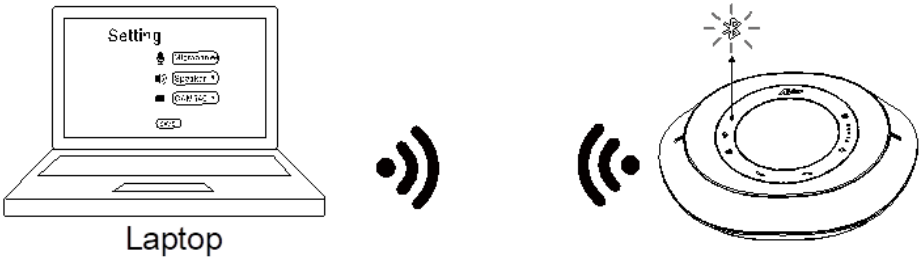
**[Note]**

- Use the USB cable that is included in the package.
- Remove the back cover for cable installation.






**Or, enable the Bluetooth function on the laptop/PC to make a wireless connection.**




**[Note]**

- Press on the speakerphone to activate Bluetooth and connect with laptop/PC.
- When connection is successful, the Bluetooth indicator will light up in **Blue**.

# Operating the Speakerphone

## Make an Audio Call

**A computer is required to use this device.**

**Step 1:** Open your audio collaboration application such as Skype™, Skype for Business, Google Hangouts™, ZOOM™, WebEx™, Adobe Connect™, WebRTC, TrueConf, V-Cube, U-meeting, Ringcentral, BlueJeans, Fuze.

**Step 2:** Set the FONE540 speakerphone as your primary audio device in your application (Please consult your application setup guide for details).

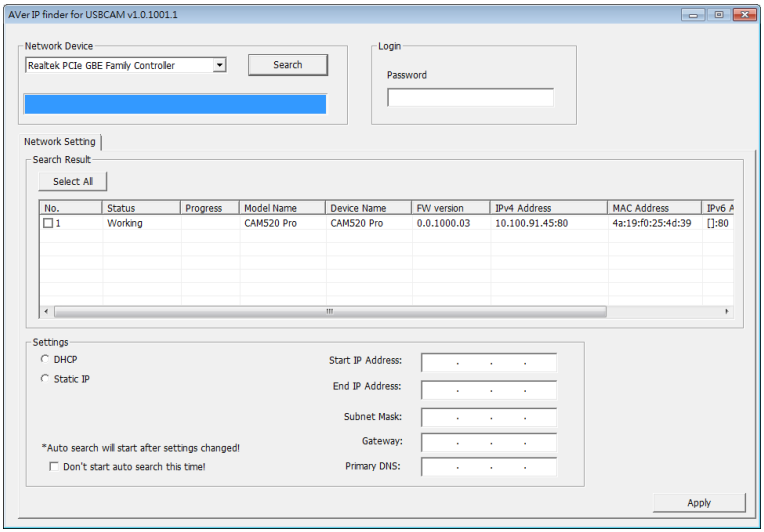
**Step 3:** Ready to make an audio call.

**[Note]** FONE540 speakerphone is a Plug-n-Play Conference speakerphone. The system requires no special drivers. For advanced setting and firmware update, please download **AVer PTZApp**.

## Make a Connection by AVer IP Finder App

User can use AVer IP Finder app to find the speakerphone and make a connection through the browser to configure the speakerphone.

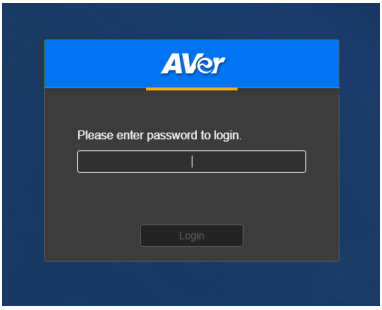
1. Download the IP Finder from http://www.aver.com/download-center .
2. Run the IP Finder.
3. Click "**Search**", and all available devices will be listed on the screen.



4. Select a speakerphone from the list. The corresponding fields of IP address will display.
5. To change the IP address of speakerphone, user can select “**DHCP**” or “**Static IP**”.
   The DHCP should get the IP address from local dynamic IP sever. The static IP, user can enter the specific IP address. Click “**Apply**” to apply the setting to the speakerphone. The password is required (The speakerphone login default password is **aver4321**).
6. Click “**Search**” button to re-scan the speakerphone.
7. Double-click on the IP address of speakerphone from the list can connect to speakerphone through the browser.
8. Enter the default password (**aver4321**) to login to Web setup screen.

**[Note]** If IP Finder cannot find the speakerphone, please check following:

- Please make sure the Ethernet connection of speakerphone is well connected.
- The speakerphone and PC (IP Finder) are in the same LAN segment.

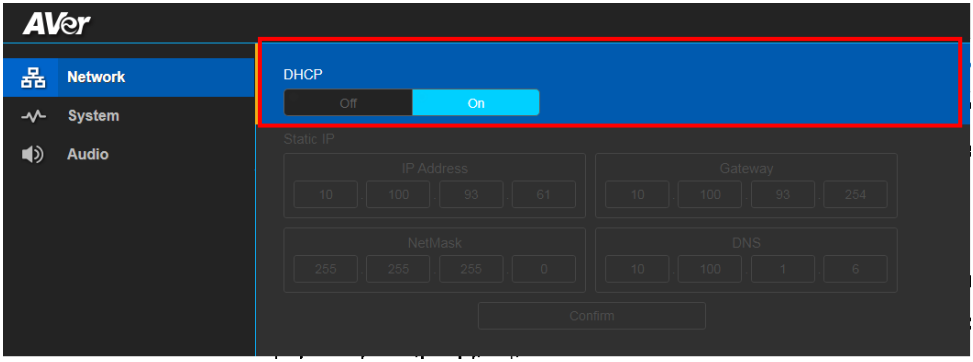



## Network Setting

### DHCP

Enable/disable DHCP function.

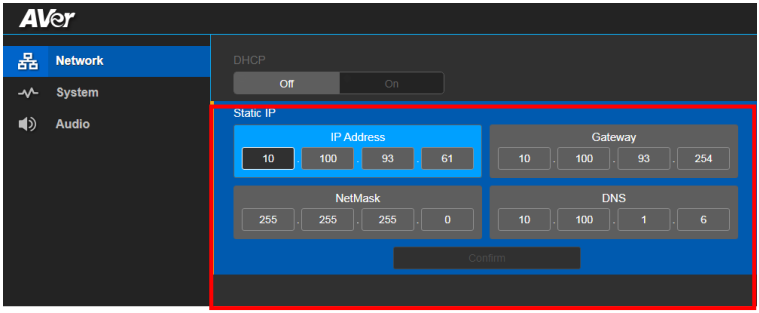
In live screen view, select **Network** > **DHCP** > **Off** or **On**.



## Static IP

Assign a fixed IP address to the speakerphone. Please turn off the DHCP function.

1. In live screen view, select **Network** > **Static IP**.
2. Enter the **IP Address**, **Gateway**, **NetMask**, and **DNS** in the corresponding column.
3. Select **Confirm** to complete the setting.



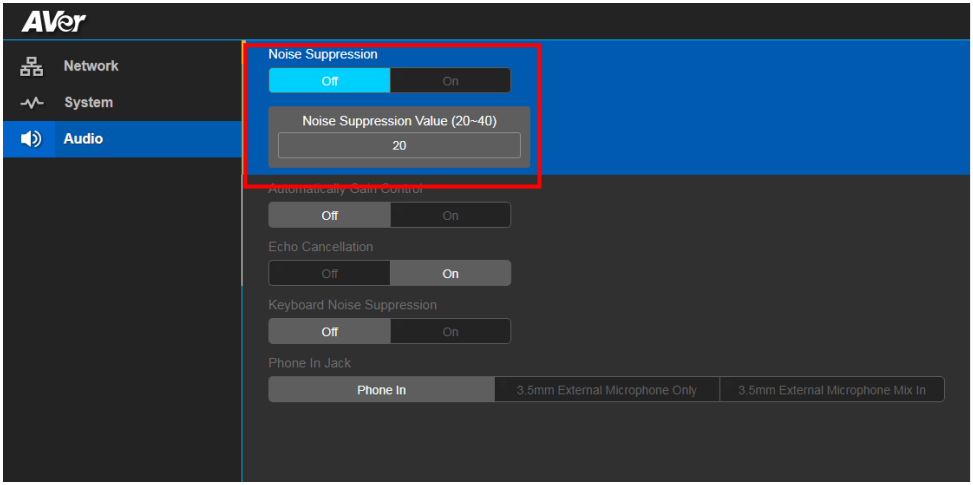

# Audio Setting

## Noise Suppression

Enable/Disable reduce ambient noise.

In live screen view, select **Audio** > **Noise Suppression** > **Off** or **On**.

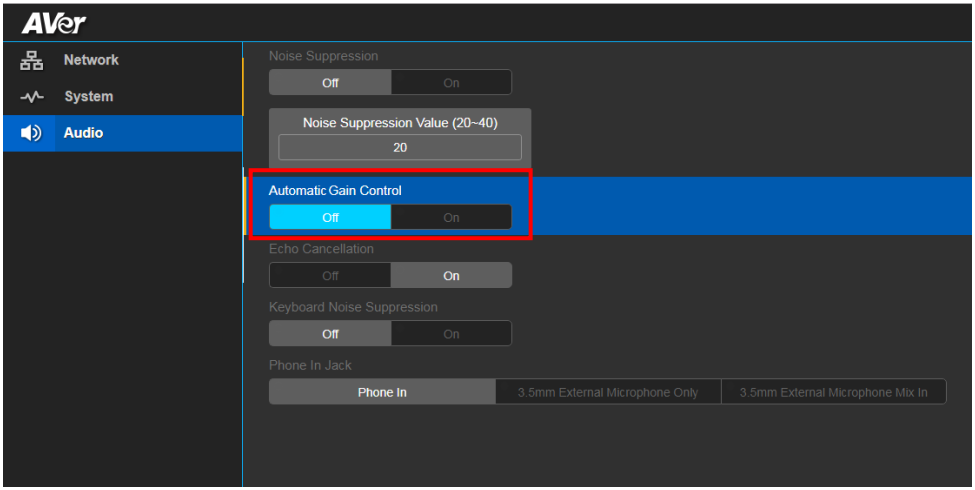
When enabling the reduced noise suppression function, please set the value of noise suppression (20 ~ 40).



## Automatic Gain Control

Enable/disable the automatic gain control.

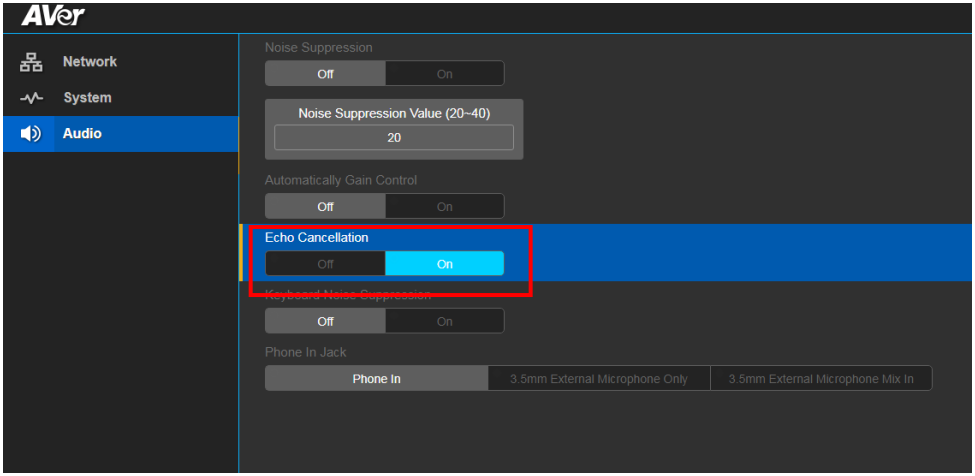
In live screen view, select **Audio** > **Automatic Gain Control** > **Off** or **On**.




## Echo Cancellation

Enable/disable echo situation.

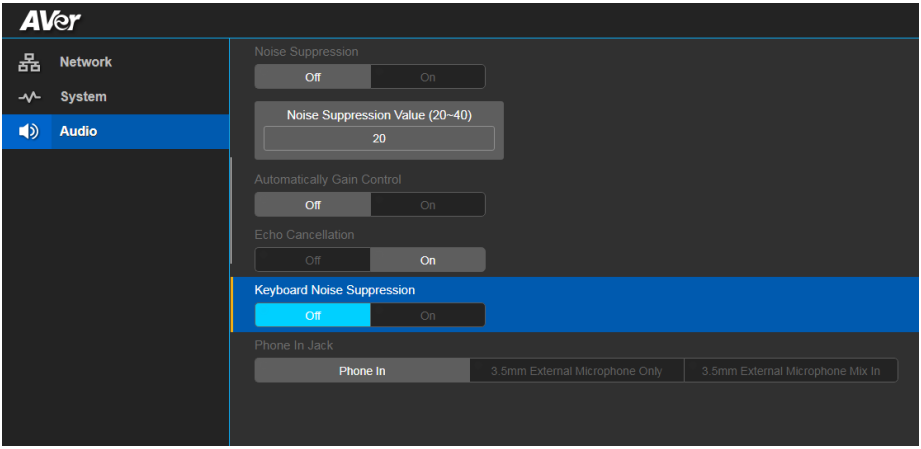
In live screen view, select **Audio** > **Echo Cancellation** > **Off** or **On**.



## Keyboard Noise Suppression

Enable/disable keyboard noise reduction.

In live screen view, select **Audio** > **Keyboard Noise Suppression** > **Off** or **On**.

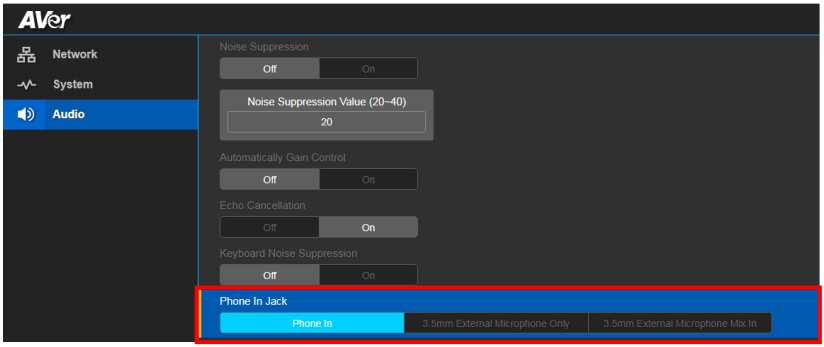



## Phone In Jack

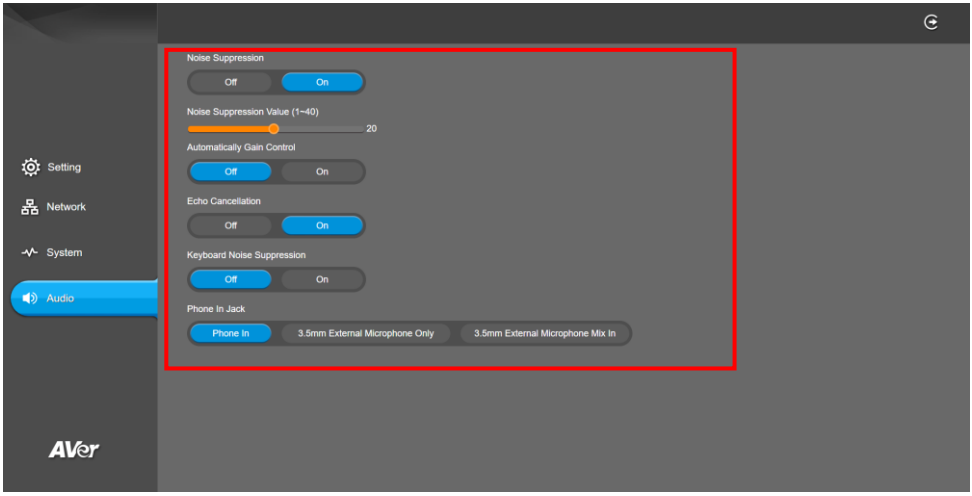
Set Phone in input source.

In live screen view, select **Audio** > **Phone In Jack** > **Phone In**, **3.5mm External Microphone Only** or **3.5mm External Microphone Mix In**.

- **Phone in:** When the mobile phone is connecting to Phone in port, please select “Phone in” option.
- **3.5 mm External Microphone Only:** The speakerphone will transfer the sound that it receives from the external microphone (connected on phone in port) to far site.
- **3.5 mm External Microphone Mix In:** The speakerphone will transfer the sound that it receives from the external microphone (connected on phone in port) and speakerphone to far site.



# Use AVer PTZApp2 to Setup the Speakerphone

After installing the AVer PTZApp, run the PTZApp on your laptop/PC.
Select "**Settings**" > scroll down to "**Speakerphone**" section.
You can adjust the following settings of the speakerphone.

- **Noise suppression:** Reduce ambient noise.
- **Automatic gain control:** Enable/disable the automatic gain control.
- **Echo cancellation:** Enable/disable echo situation.
- **Keyboard noise suppression:** Enable/disable keyboard noise reduction.
- **Phone in jack**
  - **Phone in:** When the mobile phone is connecting to Phone in port, please select "Phone in" option.
  - **3.5mm microphone only:** The speakerphone will transfer the sound that it receives from the external microphone (connected on phone in port) to far site.
  - **3.5 mm microphone mix in:** The speakerphone will transfer the sound that it receives from the external microphone (connected on phone in port) and speakerphone to far site.