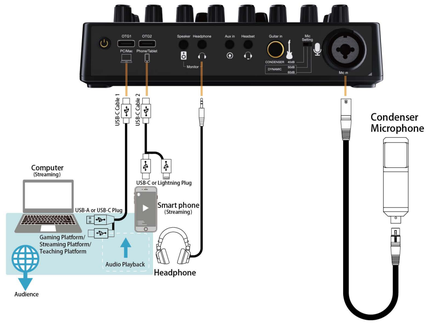
airgoo AG-AMSC01

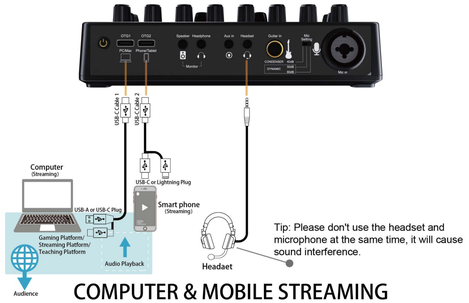
SETUP INSTRUCTIONS

In order to facilitate your use, we provide you with three common use cases, please read them carefully.
If you have any questions, please contact us via e-mail: customer-service@airgootech.com

GAMING & EDUCATION 1

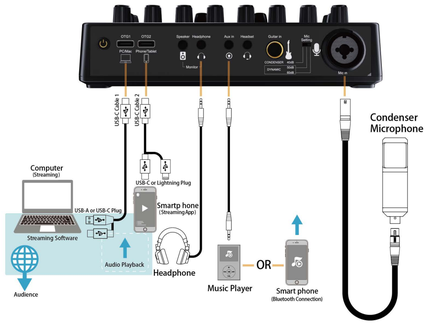


GAMING & EDUCATION 2

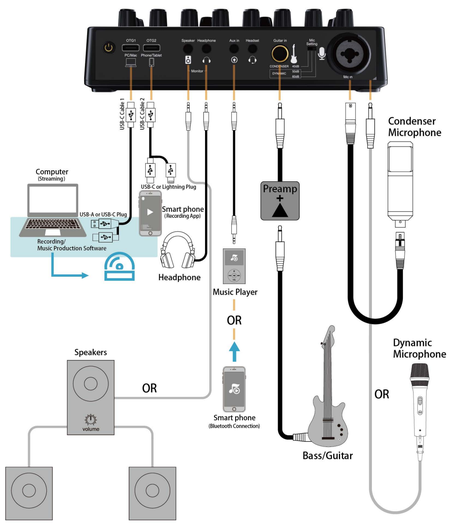


Tip: Please don't use the headset and microphone at the same time, it will cause sound interference.

COMPUTER & MOBILE STREAMING

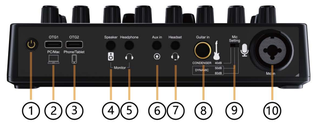


MUSIC RECORDING



MUSIC PERFORMANCE

Interface Layout



① **Power button**
Hold power button for 3 seconds to turn on/off this device.

② **OTG1**
It can be used to charge Airgoo AG-AMSC01.
It is also for digital audio signal in/out, can be connected to PC to record.

③ **OTG2**
It is for digital audio signal in/out, can be connected to PC/smart phones/tablets to record.
This USB-C port cannot be used to charge for smart phones or tablets.

④ **Speaker output port. It is for monitor speakers.**
3.5mm port, supports TRS audio cables.

⑤ **Headphone output port. It is for monitor headphones.**
3.5mm port, supports TRS/TRRS headphones.

⑥ **Music input port**
Connect with devices to input external audio to sound card and play the audio as streaming background music.

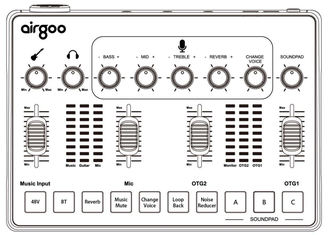
⑦ **Headset input/output port. It is for headsets.**
3.5mm port, supports TRRS headpsets

⑧ **Instrument input port**
Connect instruments like bass/guitar and electronic drum via 6.35mm input port.

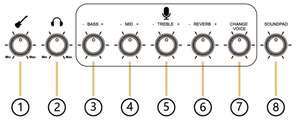
⑨ **Mic pre-gain adjustment**
Adjust the gain according to your microphone type and sensitivity.

⑩ **Mic input port**
Connect XLR or 6.35mm mics via the port and power them with 48V phantom power by switching on 48V phantom power button.
The XLR Mic input port supports XLR or 6.35mm Mic. Switching on 48V phantom power button to power mics.

Buttons & Knobs & Slider Fader Layout



1. Knobs Fuctions



① **Instrument input audio volume control knob**
Turning the knob clockwise to adjust Instrument audio volume.

② **Monitor headphone/speaker volume control knob**
Turning the knob clockwise to control volume of monitor headphone or speaker.

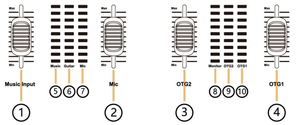
③ **Mic bass, middle, treble pitch changer**
④ Adjust mic audio pitch to get rich low pitch, smooth middle pitch
⑤ and clear high pitch.

⑥ **Reverb depth control knob**
Rotate the knob clockwise to adjust the reverberation depth.

⑦ **Pitch effect control knob**
Turning the knob clockwise to control mic and headset input audio voice-changing effect, voice will change from low Male effect to high pitch Female effect.

⑧ **Custom Audio effect volume knob**
Turning the knob clockwise to adjust custom audio effect volume.

2. Slider Fader Fuctions & Level Display



① **Background music volume control**
Push up the fader to turn up background music volume input with Bluetooth and AUX connection.

② **Mic volume control**
Push up the fader to turn up mic and headsets input volume.

③ **OTG2 streaming control**
Push up the fader to turn up the audio sent to the device via USB OTG2 volume.

④ **OTG1 streaming control**
Push up the fader to turn up the audio sent to the device via USB OTG1 volume.

⑤ **Background music level display**
Display the level of background music volume input with Bluetooth and AUX connection.

⑥ **Instrument input level display**
Display the level of instrument input volume.

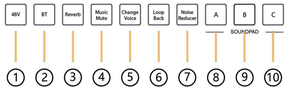
⑦ **Microphone input level display**
Display the level of microphone and headset input volume.

⑧ **Monitoring volume level display**
Display the level of monitoring volume.

⑨ **OTG2 streaming level display**
Display the level of the audio sent to the device via USB OTG2 volume.

⑩ **OTG1 streaming level display**
Display the level of the audio sent to the device via USB OTG1 volume.

3. Buttons Fuctions



① **48V phantom power supply switch button**
This button controls the phantom power of XLR microphone input.
When the button is turned on, the LED indicator turns red.
When the button is turned off, the LED indicator turns off.

Whether to turn on phantom power depends on the type of XLR microphone you are using.
In most cases, only XLR condenser microphones require phantom power to function.
If your microphonedoes not require phantom power, turning it on may damage it.

Tip: Phantom power cannot be turned on when there is no XLR microphone connected.
If you don't know what type of microphone you have, please contact your microphone manufacturer for confirmation.

② **Bluetooth switch button**
Press Bluetooth button to turn on/off bluetooth.
When bluetooth is turned on, the LED indicator turns blue. Bluetooth device name is "Airgoo AMSC01"

After the first successfully connected, the device will actively search for and connect to paired devices.
When bluetooth is turned off, the LED indicator turns off.

③ **Reverb switch button**
Press Reverb button to turn on/off mic reverb effects. It needs to be used together with reverb knob.

When the button is turned on, the LED indicator turns red.
When the button is turned off, the LED indicator turns off.

④ **Music Mute switch button**
Press Music Mute button to mute the background music input with Bluetooth and AUX connection.
When the button is turned on, the LED indicator turns blue.
When the button is turned off, the LED indicator turns off.

⑤ **Change Voice switch button**
Press Change Voice button to turn on/off the pitch changing feature. It needs to be used together with change voice knob.

When the button is turned on, the LED indicator turns red.
When the button is turned off, the LED indicator turns off.

⑥ **Loop Back switch button**
Press Loop Back button to turn on/off the Loopback feature.

If the Loopback feature is enabled, the audio sent to the device via USB OTG1 or OTG2 will be sent back to the USB connected device; if it is disabled, the audio sent to the device can be heard through the headphones, but will not be recorded. Turning off this feature can avoid unwanted echos.

When the button is turned on, the LED indicator turns blue.
When the button is turned off, the LED indicator turns off.

⑦ **Noise Reducer**
Press Noise Reducer button to turn on/off the noise reducer feature.
This feature reduces background noise from recording.

⑧ **Custom Sound Effect Buttons**
⑨ Airgoo AMSC01 provides users with 3 custom sound effect buttons.
⑩ You can record your favorite song, music, beat and other sound clips into the device through microphone, external audio accompaniment, Bluetooth input to use in live broadcasting and recording. A/B/C buttons can record sound effects within 20 seconds.

※The product does not have custom sound preloaded and need to be recorded by the user first.

1. Sound effect recording: Long press the recorded custom button for more than 3 seconds. At this time, the LED indicator remains on until the recording is completed, entering the state of recording. Short press the button again to stop recording, the LED indicator goes off.
Note: Each custom audio effect button has limited storage, when there is no storage left, it will stop recording and indicator will go off automatically.

2. Play custom sound effects: Short press any of the previously recorded custom buttons to start playing special effects. The LED indicator is on and flashing slowly until the playback is completed; during playback, short press to stop.

Compatible System & Settings

Easy Use for More Scenes
The device setup mixer features two easy and intuitive digital audio I/O ports to support two PC or Smart Phones connecting for Podcast/Recording/Vocal/Game Voice settings or audio mixing at the same time, able to physically balance music, game or audio settings. Plug 'n play solution works well with Mac OS/Windows/iOS/Android.

The device for beginners brings breadth to live streaming on OBS, online chat on Twitch, Youtube/Tiktok video creation.

1. Windows OS

Windows OS basic settings (No need install extra driver, plug and play)

Support Windows XP/7/8/10/11 Desktop or Laptop computers.

STEP 1: Connect the device OTG1 with Windows PC via provided USB-C cable 1, and power up the device.

STEP 2: Go to "Windows setting".

STEP 3: Select "System".

STEP 4: Select "Sound" and go to "Sound Control Panel".

STEP 5: Set "Airgoo AMSC01" as default recording device in "Recording" of sound setting.

STEP 6: Double click "Airgoo AMSC01" go to "Properties", select "Levels" and set it to max.

STEP 7: Set the "Airgoo AMSC01" as default playback device in "Playback" of sound setting.

2. Mac OS

Mac OS basic settings (No need install extra driver, plug and play)

Support Mac OS 10.15 and above Desktop or Laptop computers.

STEP 1: Connect the device OTG1 with Mac OS PC via provided USB-C cable 1, and power up the device.

STEP 2: Go to "Mac OS setting".

STEP 3: Select "Sound" and go to "Sound Control Panel".

STEP 4: Set "Airgoo AMSC01" as default input device for recording.

STEP 5: Set "Input volume" to max.

STEP 6: Set the "Airgoo AMSC01" as default output device.

3. Android

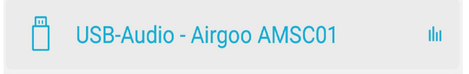
Android smart phones or tablets settings (No need install extra driver, plug and play)

Support Android 7.0 and above smart phones or tablets with USB-C port.

STEP 1: Connect the device OTG1 with PC or usb power adapter via provided USB-C cable 1, and power up the device.

STEP 2: Connect the device OTG2 with android smart phones via provided USB-C cable 2.

STEP 3: Select "Airgoo AMSC01" as android smart phones digital audio input & output devices.



4. iOS

iPhone or iPad settings (No need install extra driver, plug and play)

Support iOS 10.0 and above iPhone or iPad with Lightning or USB-C port.

STEP 1: Connect the device OTG1 with PC or usb power adapter via provided USB-C cable 1, and power up the device.

STEP 2: Connect the device OTG2 with iPhone or iPad via provided Lightning or USB-C cable 2.

STEP 3: Select "Airgoo AMSC01" as iPhone or iPad digital audio input & output devices.

5. Other Software Audio Settings

Such as Adobe Audition, OBS, DISCORD, ZOOM, AUDACITY, Twitch, Youtube, Tiktok and etc.

STEP 1: Set "Airgoo AMSC01" as default input device for recording.

STEP 2: Set "Input volume" to max.

STEP 3: Set the "Airgoo AMSC01" as default output device.

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.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception,
which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction