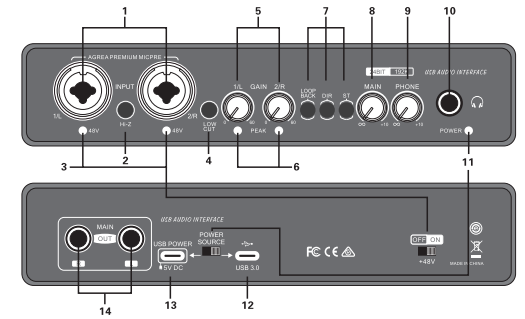




USB AUDIO INTERFACE

Function



12.OTG/PC USB (TYPE-C) Port

Type C connector; connect to your Smartphone;Tablet or computer with the USB cable supplied.

13.TYPE-C Power input socket

It is used to connect the USB power adapter and type-C data cable for power supply of the mixer.

Note

- Read carefully the safety precautions for the USB power adapter and type-C data cable you are using.
- USB power adapter and TYPE-C data line Voltage standard:Output voltage: 4.8V to 5.2V Output current: 3A or higher

14.MAIN OUTPUTS

2 x ¼" (6.35 mm) TRS jack sockets; +10 dBu output level (variable), electronically balanced. Either ¼" TRS (balanced connection) or TS (unbalanced connection) jack plugs can be used.

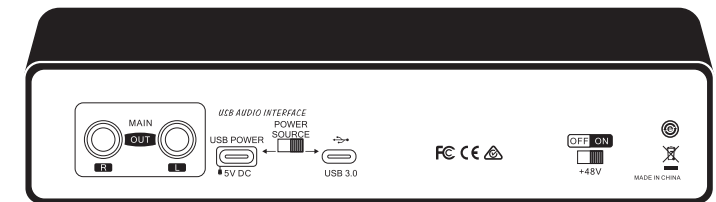
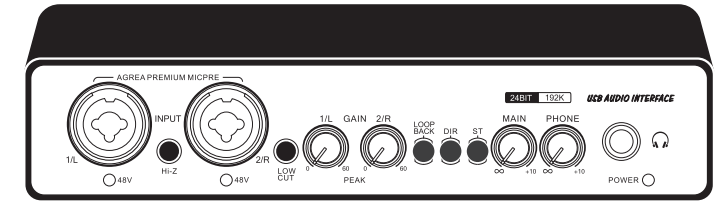
General Specification

0 dBu=0.775 Vrms, 0 dBV=1 Vrms
If no pin is specified, all pins will be set to the nominal position.(nominal position adjusted to 10 dB below maximum) Signal generator output impedance (Rs)=100 ohm, output load impedance =100k ohm (TRS phone type output)

GAIN (0dBu)	OUTPUT		CHANNEL	
			MIC	LINE
	INPUT	MIC:0dB-60dB LINE:-10dB-40dB	Real Parameters	Real Parameters
	GAIN (0dBu)		0dB-60dB	-15dB-45dB
	PHONES OUT	0dB(GAIN Control at MIN)	0dB	0dB
		MAX (ALL MAX)	72dB	60dB
	STEREO OUT	0dB(GAIN Control at MIN)	0dB	-13dBdB
		MAX (ALL MAX)	70dB	52dB
CMRR		74dB		
LOW CUT		100Hz		
ENI		-128dB		

INPUT	OUTPUT	CHANNEL	
		MIC	LINE
		Real Parameters	Real Parameters
T.H.D(0dB)	STEREO OUT	0.001%	0.05%
	PHONES OUT	0.004%	0.008%
Signal to Noize Ratio	STEREO OUT	87dBu	85dBu
	PHONES OUT	87dBu	86dBu
Noise (Control at MIN)	PHONES OUT (Control at 0dB)	-94dBu	
	STEREO OUT(Control at 0dB)	-97dBu	
	STEREO OUT (Control at MIN)	-104dBu	

The contents of this manual are the latest technical specifications at the time of printing. As the product will continue to improve, it is possible that the specifications in this manual are not in conformity with your product specifications. Please go to the website to download the latest version of the manual.Technical specifications, equipment or accessories may vary from region to region, so please check with your local distributor if you have any questions.



* The contents of this manual are the latest technical specifications at the time of publication.

EN Important Safety Instructions



Terminals marked with this symbol carry electrical current of sufficient magnitude to constitute risk of electric shock. Use only high-quality professional speaker cables with ¼" TS or twist-locking plugs pre-installed. All other installation or modification should be performed only by qualified personnel.

This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure - voltage that may be sufficient to constitute a risk of shock.

This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.

Caution
To reduce the risk of electric shock, do not remove the top cover (or the rear section). No user serviceable parts inside. Refer servicing to qualified personnel.

Caution
To reduce the risk of fire or electric shock, do not expose this appliance to rain and moisture. The apparatus shall not be exposed to dripping or splashing liquids and no objects filled with liquids, such as vases, shall be placed on the apparatus.



Caution

These service instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operation instructions. Repairs have to be performed by qualified service personnel.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Use only attachments/accessories specified by the manufacturer.



12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the

cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.

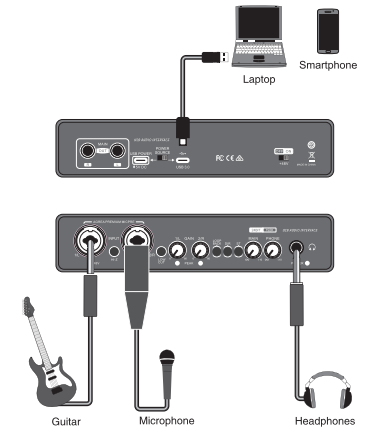
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.

16. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

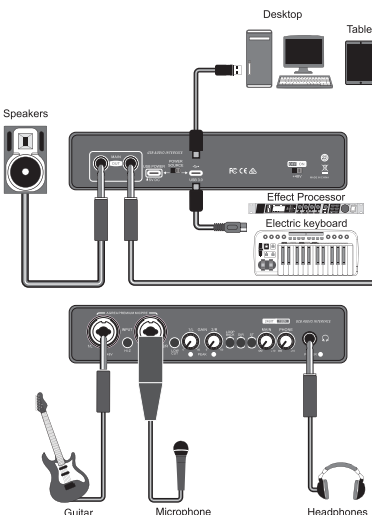


17. Correct disposal of this product: This symbol indicates that this product must not be disposed of with household waste, according to the WEEE Directive (2012/19/EU) and your national law. This product should be taken to a collection center licensed for the recycling of waste electrical and electronic equipment (EEE). The mishandling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the efficient use of natural resources. For more information about where you can take your waste equipment for recycling, please contact your local city of council, or your household waste collection service.



Hook-up

Mobile Recording / Mixing



Home / Project Studio

1. MIC/LINE/XLR

For connecting to a microphone, an instrument, or an audio device. These jacks support both XLR and phone plugs.



2. HI-Z

To connect a guitar directly to the mixer without using a DI Box, press this switch in first; then connect the output from the guitar to the channel's 1/4" TRS input. The input impedance is optimized for direct connection and high-frequency fidelity is assured.

3. +48V LED+PHANTOM

When the phantom power switch is turned on, the [+48V]LED light will light up and the DC +48V phantom power will be supplied to the XLR plug on [MIC/LINE] input socket. Turn this on when using a condenser microphone that requires phantom power.

NOTICE

Be sure to leave this switch off if you do not need phantom power. Follow the important precautions below, in order to prevent noise and possible damage to external devices as well as the mixer if you turn this switch on.

1. Be sure to leave this switch off when you connect a device that does not support phantom power to channel 1.
2. Make sure to turn this switch off when connecting/disconnecting a cable to/from channel 1.
3. Slide the fader on channel 1 to minimum before turning this switch on/off.

4. LOW CUT

The LOW CUT switch turns the HPF on or off. To turn on the HPF, press down This switch, The HPF cuts frequencies below 100Hz.

5. GAIN Knob

Sets the volume of the microphone or line input signal provided to this channel. The GAIN knob is used to adjust the sensitivity of the microphone and the input signal of the circuit. This allows external signals to be adjusted to the desired internal control level.

6. PEAK LED

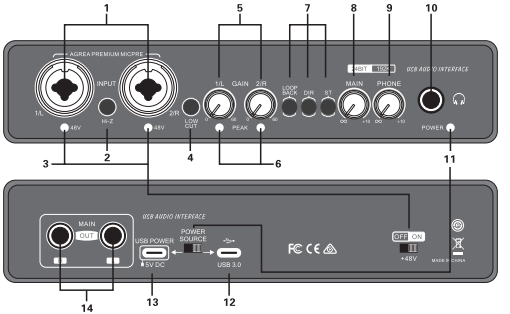
Lights red when the channel's post-equalizer signal level reaches 3 dB before clipping.

7. LOOP BACK / DIR / ST

LOOP BACK: The sound input into the Interface and the sound played on the computer are mixed in stereo and sent to the computer. This setting is used primarily for webcasting.

DIR: Selector activates direct monitoring of input signals with zero latency (no delay) when engaged.

ST: Toggle signals between mono and stereo.



Function

8. MAIN KNOB

Used to adjust the signal level output to the [MAIN] socket.

9. PHONE Knob

Adjust the volume to headphones and Powered monitor speakers connected to the headphones output jack.

10. PHONES Jack

For connecting headphones. The socket supports stereo phone plug. If you need to connect headsets or earplugs with mini plugs, please use a switch device to connect.

11. Product Power Supply/Data Connection – Conversion

[POWER] LED

When the Power is connected, the POWER indicator light on the mixer will light up.

[POWER SOURCE] Switch

Toggle between the different connection modes. Change to USB 3.0 to connect the console signal with PC, MAC, IOS and some Android transmission.