

Thank you for purchasing the LOOP MIXER. To take full advantage of the LOOP MIXER, and to ensure Proper operation, please read this owner's manual carefully.

FEATURES

Stereo 5 in/2 out Configuration

5 stereo devices on LOOP MIXER can connect up to 10 mono device.

Microphone Setup

With the inclusion of GAIN knobs, the LOOP MIXER can accommodate a variety of signals from microphone to Line level.

Overload Indicators

The L/R OVERLOAD LEDs allow you to set the best signal level for optimum audio performance.

REC OUT Jacks

Connection to a recording device can be made through these jacks

Phones Jack

Stereo headphones can be connected to this jack for convenient mix monitoring.

LOOP Jack

Through loop cable can be connected plurality LOOP MIXER, and on the respective LOOP MIXER, you can monitor and adjust the sound volume of other devices freely, and ont affect the overall mix effect.

SPECIFICATIONS

Nominal Input Level

INPUT (1 to 5)

50dBm ~ +4dBm

Input Impedance

20 kΩ (Stereo) / 10 kΩ (Mono)

Nominal Output Level

OUTPUT 0dBm

REC OUT -10dBm

Output Impedance

OUTPUT 1kΩ

REC OUT 1kΩ

Headphones Output

0.1mW (33Ω load)

Total Harmonic Distortion

0.05% or less

Indicators

Power indicator

Overload Indicator (L/R)

Power Supply

AC Adaptor (DC 9V)

Current Draw

65mA (at maximum)

Controls

BALANCE Knob x 5

GAIN Knob x 5

Channel VOLUME Slider x 5

PHONE Knob x 1

Master Volume Slider x 1

POWER Switch

Connectors

<Front>

PHONES jack(Stereo mini type)

<Rear>

Input (L/R) x 5 (Stereo mini type)

Output (L/R) x 1 (Stereo mini type)

REC OUT (L/R) x 1 (Stereo mini type)

AC Adaptor jack (DC 9V)

LOOP IN jack x 1

LOOP OUT jack x 1

Dimensions

175(W) x 130(D) x 30 (H) mm/

6.9"(B) x 5.1"(T) x 1.2"(H)

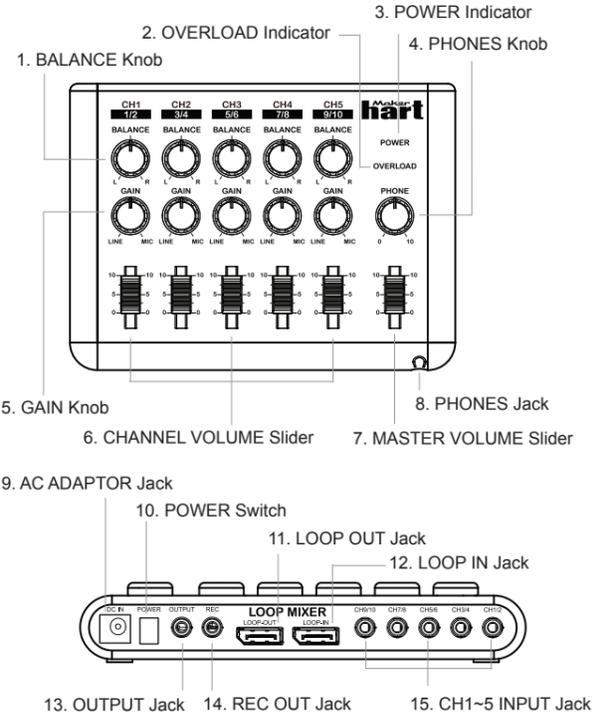
Weight

295g/10.4oz

OPERATION

- Switch off the LOOP MIXER and all the units to be connected.
- Make all the necessary connections. Set the BALANCE knob of each channel to the center position and the GAIN knob of each channel to the "LINE" position. Set each Channel VOLUME slider to "10" and the MASTER Volume slider to the "0" position.
- Switch on all the units connected to the LOOP MIXER.
- Switch on the LOOP MIXER.
- Slowly raise the MASTER Volume slider to an appropriate level.
- Use the GAIN knobs to adjust input sensitivity for each channel.
* For minimum noise and/or distortion, set the levels so the OVERLOAD indicators light only briefly on input peaks.
- Adjust the L/R input balance of each channel using the BALANCE knobs.
- Adjust the channel levels relative to one another using the Channel VOLUME sliders.
- Set the overall output volume using the MASTER slider.

PANEL DESCRIPTIONS



1. BALANCE Knob

This knob adjust the stereo input balance for each channel. At the center position, the left and right signals are at the same level. Rotating the knob clockwise or counterclockwise will shift the sound field to the right or left respectively.

2. OVERLOAD Indicator

This indicator light when the mixed signal level is too high. If these LEDs light frequently, lower channel counterclock wise.

* These indicators are not affected by the position of the MASTER volume slider.

* These indicators light at 6 dB below the clipping level (the point at which distortion becomes audible)

3. POWER Indicator : This indicator lights when the LOOP MIXER is turned on.

4. PHONES Knob : This knob controls the headphone volume.

* The headphone volume is not affected by the Position of the MASTER Volume slider.

5. GAIN Knob : This knob adjust the input volume for each channel. They are used to optimize the signal level to avoid distortion. Rotating a GAIN knob clockwise will increase the volume, while rotating it counterclockwise will decrease the volume. When a microphone is connected to one of the INPUT jack, be sure to rotate the corresponding GAIN knob completely clockwise (near to the "MIC" position).

* Each GAIN knob controls the L/R signals in each channel simultaneously.

6. CHANNEL VOLUME Slider :

This slider provide volume control for each channel. Set these sliders relative to one another to achieve the best audio mix.

* Each VOLUME slider controls the L/R signals in each channel simultaneously.

7. MASTER VOLUME Slider : This slider adjusts the overall output of the LOOP MIXER.

* The MASTER slider does not affect the output level of the REC OUT jacks or the PHONES jack.

8. PHONES Jack (Stereo Mini Type) : Connect stereo headphones to this jack.

9. AC ADAPTOR Jack : Connect an AC adaptor to this jack.(Be sure to use the adaptor specified for your country)

10. POWER Switch : Power ON/OFF of LOOP MIXER.

11. LOOP OUT Jack : Connect LOOP CABLE to another LOOP MIXER's LOOP IN Jack. You can rehearse or jam while monitoring with head phones.

12. LOOP IN Jack : Connect LOOP CABLE to another LOOP MIXER's LOOP OUT Jack. You can rehearse or jam while monitoring with headphones.

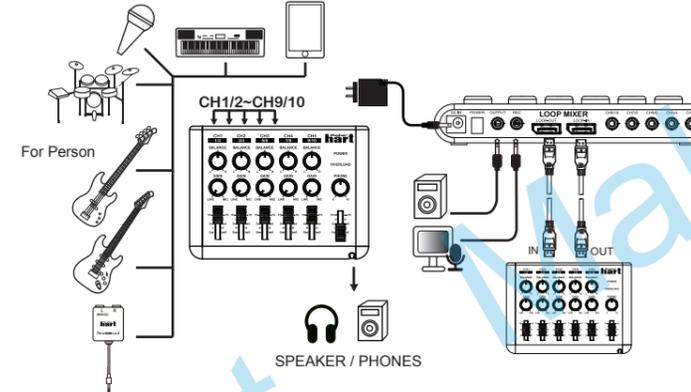
13. OUTPUT Jack (Stereo Mini Type) : This jack provide output of the final mixed signals. They can be connected to a PA system, or to the inputs of another mixer.

14. REC OUT Jack (Stereo Mini Type) : This jack is convenient for recording direct to a record device. (Convenient further still because the output level is not affected by the MASTER Volume slider)

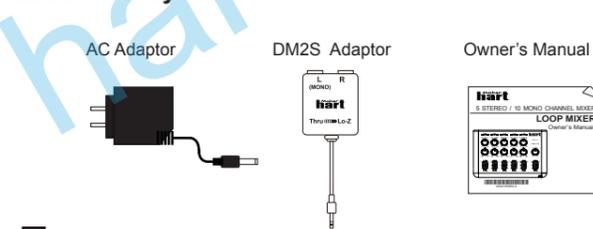
15. CH1~5 INPUT Jack (Stereo Mini Type) : Devices (electronic instruments or mics, for example) with TRS mini plug should be connected to these inputs. (To connect a monaural device, you can use the plug adaptor supplies with the unit)

CONNECTIONS

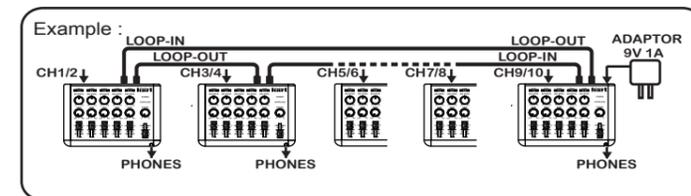
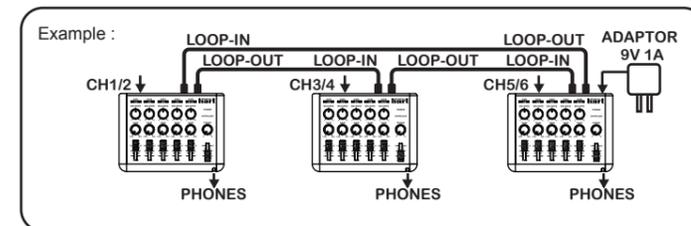
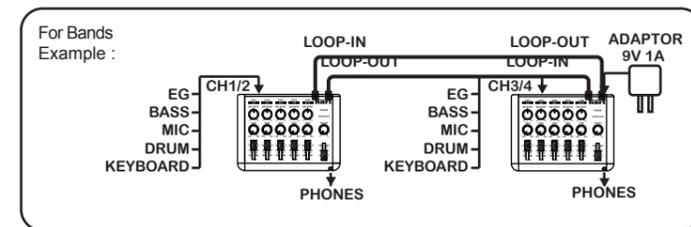
How to use ...



Accessory

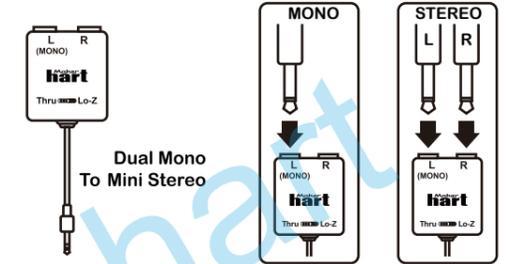


LOOP MIXER



LOOP CONNECTION
Be sure to use LOOP CABLE only specified for this product.
(Only for LOOP MIXER)

DM2S Adaptor

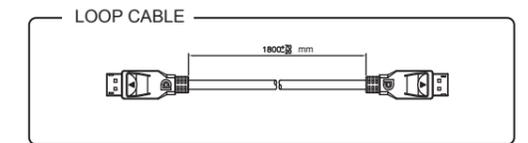


Thru : Pass Through (Normal Mode).

Lo-Z : When a high impedance equipped source (like an electric guitar) causes noise or crosstalk, switch to Lo-Z (low impedance) then the noise or crosstalk level can be reduced.

* Note : Switching to Lo-z, the input signal level will be reduced.

OPTION



Please refer to our website for our locations list where to buy.

IMPORTANT NOTES



Be sure to use only the AC adaptor supplies with the unit. Use of any other AC adaptor could result in damage, malfunction, or electric shock.

POWER SUPPLY

- Before connecting this unit to other devices, turn off the power to all units; this will help prevent damage or malfunction.
- Do not use this unit on the same power circuit with any device that will generate line noise ; an electric motor or variable lighting system for example.
- Avoid damaging the power cord: do not step on it, place heavy objects on it, etc.
- When disconnecting the AC adaptor from the power outlet, grasp the plug itse lf; never pull on the cord.
- If the unit is to remain unused for an extended period of time, unplug the power cord.

PLACEMENT

- Do not subject the unit to temperature extremes (eg., direct sunlight in an enclosed vehicle).
- Avoid using or storing the unit in dusty or humid areas, or areas that are subject to high levels of vibration.
- Using the unit near power amplifiers (or other equipment containing large power transformers) may induce hum.

MAINTENANCE

For everyday cleaning wipe the unit with a soft, dry cloth or one that has been slightly dampened with water. To remove stubborn dirt, use a mild, nonabrasive detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth. Never use benzene, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

ADDITIONAL PRECAUTIONS

When the following situation occur please turn the power off immediately:

- The AC adaptor or the power-supply cord has been damaged; or if smoke or unusual odor occurs.
- Objects have fallen into, or liquid has been spilled onto the unit; or The unit has been exposed to rain(or otherwise has become wet); or The unit does not appear to operate normally or exhibits a marked change in performance.

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