



AERONS (INDIA)

MX SERIES

Professional Mixing Console

USER MANUAL



MX1010USB

DUAL EFFECT 10- CHANNEL MIXER

www.aeronsindia.com

SAFETY INSTRUCTIONS

CAUTION: To reduce the risk of electrical shock, do not remove the cover (or back). No user serviceable parts inside; refer servicing to qualified personnel.



WARNING: To reduce the risk of fire or electrical shock, do not Expose this appliance to rain or moisture.



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 the important operating and maintenance instructions in the accompanying literature. Read the manual.

DETAILED SAFETY INSTRUCTIONS:

All the safety and operation instructions should be read before the appliance is operated.

Retain Instructions:

The safety and operating instructions should be retained for future reference.

Heed Warnings:

All warnings on the appliance and in the operating instructions should be adhered to.

Follow instructions:

All operation and user instructions should be followed.

Water and Moisture:

The appliance should not be used near water (e.g. near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool etc.).

Ventilation:

The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa rug, or similar surface that may block the ventilation openings; or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

Heat:

The appliance should be situated away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) that produce heat.

Power Source:

The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

Grounding or Polarization:

Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

Power-Cord Protection:

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles and the point where they exit from the appliance.

Cleaning:

The appliance should be cleaned only as recommended by the manufacturer.

Non-use Periods:

The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

Object and Liquid Entry:

Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

Damage Requiring Service:

The appliance should be serviced by qualified service personnel when:

- the power supply cord or the plug has been damaged; or
- objects have fallen, or liquid has been spilled into the appliance or
- the appliance has been exposed to rain; or
- the appliance does not appear to operate normally or exhibits a marked change in performance; or
- the appliance has been dropped, or the enclosure damaged.

Servicing:

The user should not attempt to service the appliance beyond that which is described in the Operating Instructions.

All other servicing should be referred to qualified service personnel.

INTRODUCTION

Please read this guide carefully before starting use, so you will be able to take full advantage of the superlative features of this mixer.

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1. MIC INPUT JACKS

[MIC/LINE]: Connects to XLR or TRS plugs for microphones or musical instruments.

2. PHANTOM +48V SWITCH

Each channel has its own 48V phantom power switch. Press the switch to activate it, indicated by the red LED light. Ensure the capacitor microphone is open to use this feature.

3. GAIN CONTROL

Adjusts the input signal level for optimal SNR and dynamic range. Set the gain so the PEAK indicator lights up only briefly at the highest peaks.

4. PAD SWITCH

Instantly decreases the input sensitivity of the microphone to prevent distortion in high-volume scenarios.

5. 100HZ SWITCH (HIGH-PASS FILTER)

Toggles the high-pass filter on or off. Activating this filter removes frequencies below 100 Hz.

6. EQUALIZER [HIGH/MID/LOW]

Three-band equalizer for adjusting the channel's frequency response. Center position provides a flat response. Turn right to boost and left to cut the respective frequency band.

7. PAN CONTROL

Adjusts the balance of the channel signal between the left and right outputs on the MAIN LR bus.

8. AUX.FX CONTROL KNOB

Controls the level of the signal sent from the channel to the AUX and FX bus bars, either pre-fader (AUX1) or post-fader (AUX2).

9. SIGNAL INDICATOR

Lights up when there is an input signal to the channel.

10. CHANNEL FADER

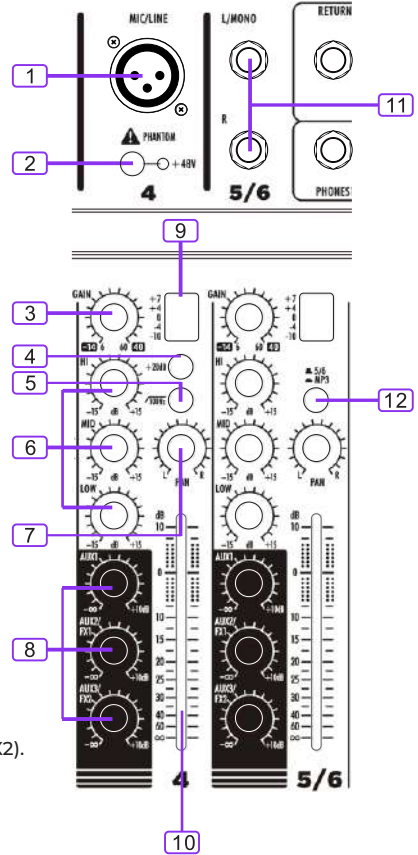
Adjusts the overall level of the channel's signal. Use this to balance the levels between channels.

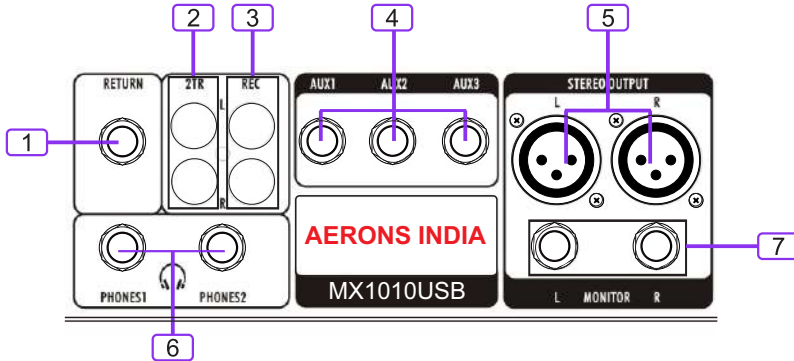
11. MONO/STEREO INPUT JACK

[MIC]: Balanced XLR microphone input jack.
[LINE (L/MONO, R)]: Unbalanced stereo line input jack.

12. LINE/MP3 SWITCH

Switches the input source between the LINE stereo input jack and the MP3 player. Supports WAV, WMA, APE, FLAC, and MP3 formats.





1. RETURN L (MONO) / R JACK

These jacks send the received signals to the MAIN L/R bus.

2. 2TR IN JACKS

RCA pin jacks for stereo sound sources, typically used to connect a CD player directly to a professional audio mixer.

3. REC OUT (L/R) JACKS

RCA pin jacks for connecting to an external recorder, such as an MD recorder, to record the same signal as the output from the MAIN OUT jack.

4. SEND JACKS (AUX/FX)

TRS phone-type jacks that output signals from AUX/FX bus bars. Use the pre-send option for monitoring systems and the post-send option for external signal processors.

5. MAIN OUT (L/R) JACKS

Transmit stereo output from professional audio mixers. These jacks connect to power amplifiers driving the main speaker or recording devices for output control.

6. PHONES JACK

TRS phone-type jack for connecting a pair of headphones.

7. MONITOR OUT JACK

TRS phone-type jacks for connecting to a monitoring system.

8. LEVEL METER

LED display showing the signal level "0" segment of MAIN L/R corresponding to the nominal output level.

9. USB AUDIO INPUT

Interface for playing songs through a lossless music player using a USB disk or card reader.

10. USB INTERFACE

Connects to a computer via USB cable, outputting the MAIN L/R bus signal to the computer.

11. AUX SEND CONTROL

Controls the signal level sent to the SEND (AUX FX) jack.

12. MONITOR CONTROL KNOB

Adjusts the signal level output to the MONITOR OUT socket.

13. RETURN CONTROL KNOB

Adjusts the signal level received by the RETURN sockets (L MONO and R) sent to the MAIN L/R bus.

14. 2-TR CONTROL

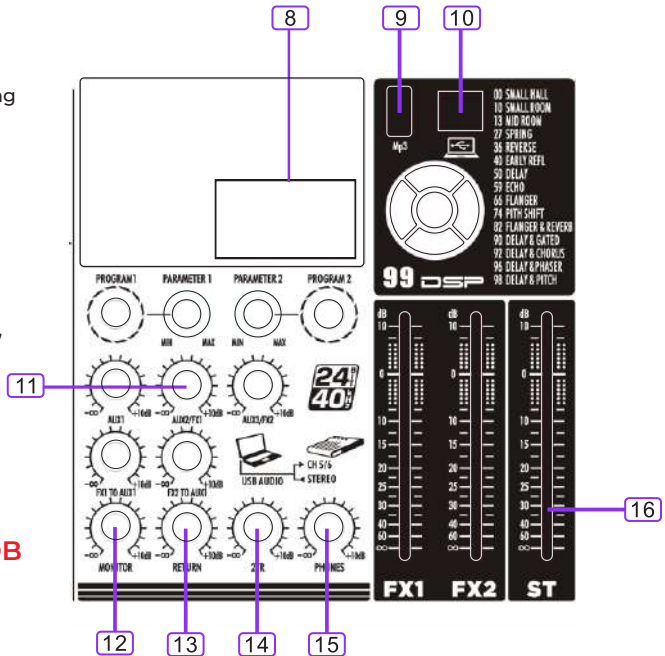
Adjusts the signal level from the 2-TR IN jack.

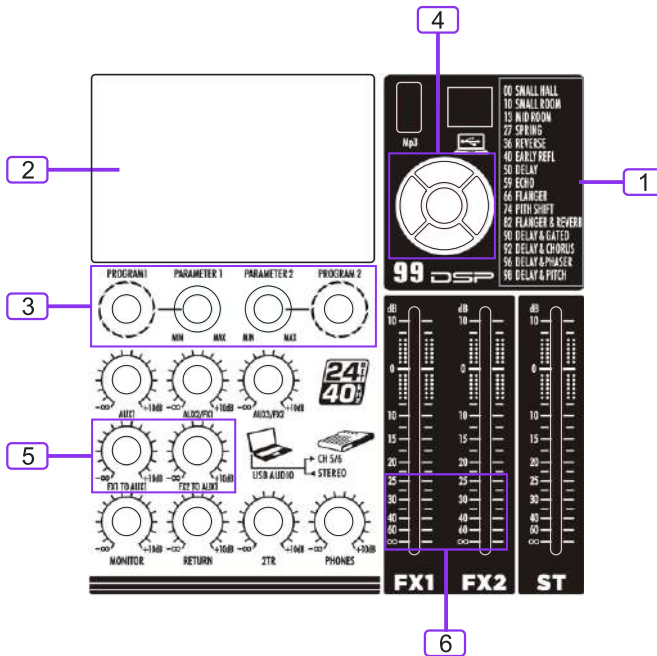
15. PHONES CONTROL KNOB

Adjusts the signal level output to the PHONES socket.

16. MAIN OUT CONTROL

Adjusts the signal level sent to the MAIN OUT jack.





1. LIST OF EFFECT PROGRAMS

A list of built-in effect programs.

2. DISPLAY SCREEN

This screen shows the real-time status of the decoder/effects unit.

3. PROGRAM KNOB

Select from 99 built-in effects. Turn the knob to choose the desired effect, then press the knob to confirm.

4. MUSIC PLAYER FUNCTION

EQ: Adjusts the music balance of the player.

Mode: Switches player modes.

Controls: Player song controls include Previous Track, Next Track, and Play/Pause.

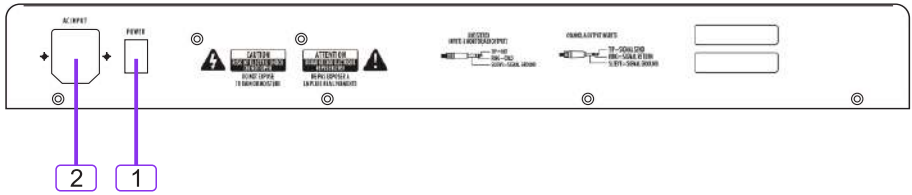
5. FX TO AUX1 KNOB

Adjusts the level of the signal sent from the built-in effects unit to the AUX bus.

6. FX FADER

Adjusts the signal level sent from the internal digital effects unit to the MAIN L/R bus.

POWER SUPPLY FUNCTION

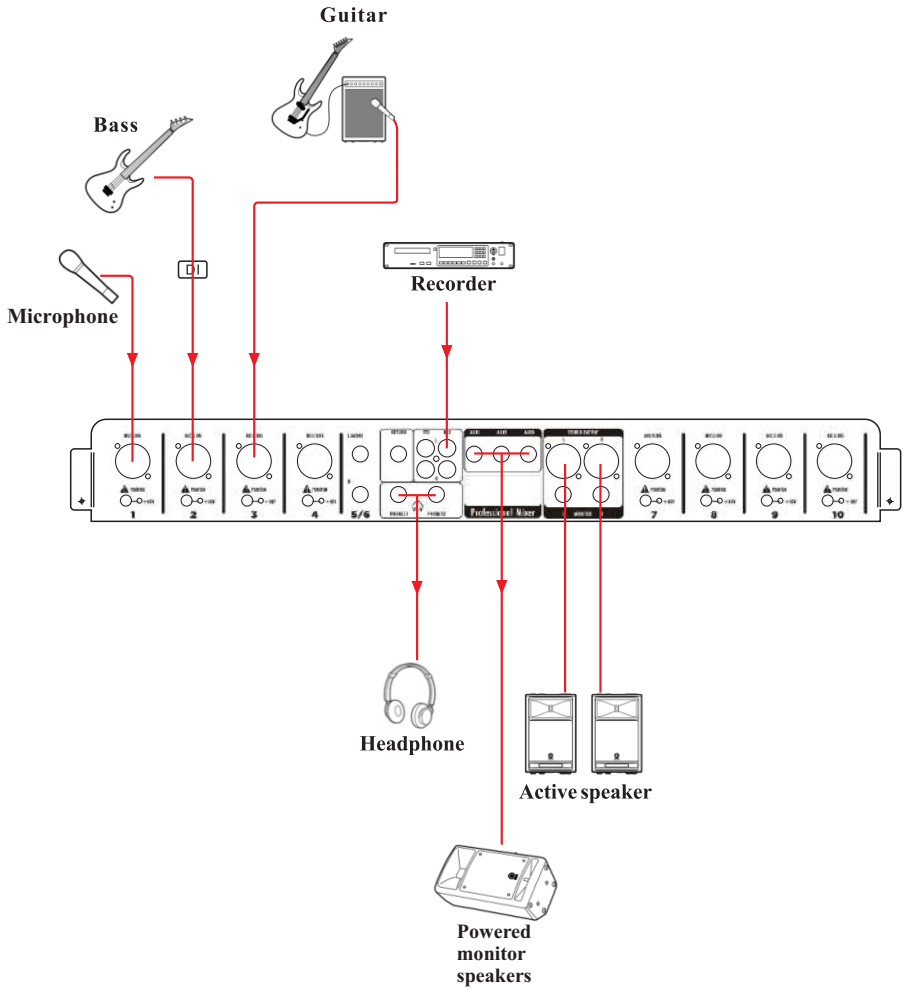


1. POWER SWITCH

Power the device on or off.

2. AC INPUT JACK


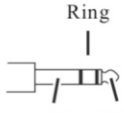

Connect the included power cord here. First, connect the power cord to this appliance and plug the other end into an AC outlet.



DUAL 99-DSP EFFECTS

00 SMALL HALL	27 SPRING	50 DELAY	74 PITH SHIFT	92 DELAY & CHORUS
10 SMALL ROOM	36 REVERSE	59 ECHO	82 FLANGER & REVERB	96 DELAY & PHASER
13 MID ROOM	40 EARLY REFL	66 FLANGER	90 DELAY & GATED	98 DELAY & PITCH

JACK LIST

Input and Output Jacks	Polarities	Configuration
MIC INPUT, STEREO OUT	Pin 1: Ground Pin 2: Hot (+) Pin 3: Cold (-)INPUT OUTPUT	<p>INPUT OUTPUT</p>  <p>XLR Jack</p>
LINE INPUT (monaural channels) GROUP OUT, STEREO OUT, MONITOR OUT, AUX SEND, EFFECT SEND	Tip: Hot (+) Ring: Cold (-) Sleeve: Ground	<p>Ring</p>  <p>Sleeve Tip TRS Phone Jack</p>
INSERT	Tip: Output Ring: Input Sleeve: Ground	
PHONES	Tip: L Ring: R Sleeve: Ground	
RETURN LINE INPUT (stereo channels)	Tip: Hot Sleeve: Ground	 <p>Sleeve Tip Phone Jack</p>

* These jacks will also accept connection to phone plugs. If you use monaural plugs, the connection will be unbalanced.

TROUBLESHOOTING

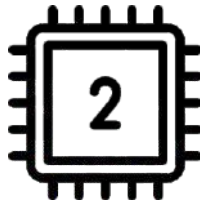
<p>Power doesn't come on.</p>	<ul style="list-style-type: none"> • Is the power line properly plugged into an AC wall outlet . • Are the power line and AC wall outlet connected correctly .
<p>No sound</p>	<ul style="list-style-type: none"> • Are microphone,external devices,and speakers connected correctly . • Are the channel GAIN controls,channel fader,STEREO OUT Master fader and GROUP fader set to appropriate levels . • Are the speaker cables connected properly,or are they shorted . • If the above checks do not identify the problem,please contact the service center.
<p>Sound is faint, distorted,or noisy</p>	<ul style="list-style-type: none"> • Are the channel GAIN controls,channel fader,STEREO OUT Master fader and GROUP fader set to appropriate levels . • Are two different instruments connected to the XLR-type and phone jacks,or to the phone and RCA pin jacks on one channel . Please connect to only one of these jacks on each channel . • Is the input signal from the connected device set to an appropriate level . • Are you applying the effects at an appropriate level . • Are microphone connected to the MIC input jacks . • If you are using condenser microphone,is the PHANTOM +48V switch turned on .
<p>No effect is applied</p>	<ul style="list-style-type: none"> • Check that the EFFECT control on each channel is correctly adjusted. • Be sure that the FX control and EFFECT fader are correctly adjusted.
<p>I want spoken words to be heard more clearly.</p>	<ul style="list-style-type: none"> • Adjust the equalizers on each channel.
<p>I want to output a monitor signal through speakers.</p>	<ul style="list-style-type: none"> • Connect a powered speaker to the AUX jack, or to the AUX1 or 2 jack and turn the PRE switch on each channel on. Then adjust the output signal by using the AUX controls on each channel.
<p>The level meter doesn't show the output signal level.</p>	<ul style="list-style-type: none"> • Are the PEL switches for the channels that you are not using turned on .



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