



Gemini Sound MXR-01BT Professional Bluetooth 2-Channel DJ User Manual

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Gemini Sound MXR-01BT Professional Bluetooth 2-Channel DJ



WELCOME TO THE GEMINI FAMILY!

At Gemini, our highest priority is making your experience unforgettable. Need help with setting up, troubleshooting, or looking for some tips? We're here for you, Monday through Friday 9 AM-5 PM EST.

SAFETY INSTRUCTIONS

1. Read these Instructions.
2. Keep these Instructions.
3. Read all Warnings.
4. Follow all Instructions.
5. Do not use this apparatus near water.
6. Clean only with a 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 plug. A polarized plug has two blades one wider than the other. The wide blade is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for the 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. Only use 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. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
16. Since the device's power cable is used as the primary disconnection device, the power cable should remain readily operable at all times.
17. The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, etc.
18. No naked flame sources, such as lighted candles, should be placed on the apparatus.
19. The apparatus should be used in moderate climates.
20. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids (such as drinks) shall be placed on the apparatus.

WARNING

To reduce the risk of electric shock, do not remove the cover (or back). There are no user-serviceable parts inside. Maintenance and repairs should be exclusively carried out by qualified service personnel.

CAUTION

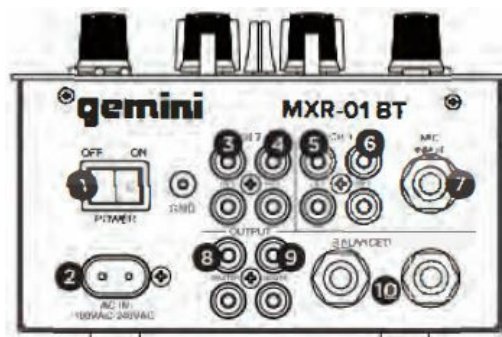
To reduce the risk of electric shock, do not remove the cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.

- The warning triangle with an exclamation mark indicates important operating and maintenance instructions.
- The warning triangle with the lightning symbol indicates dangerous uninsulated voltage inside the unit, which may cause an electrical shock.

To prevent electric shock, do not use this Polarized Plug with an extension cord, receptacle, or other outlet unless the blades can be fully inserted to prevent blade exposure.

FUNCTION

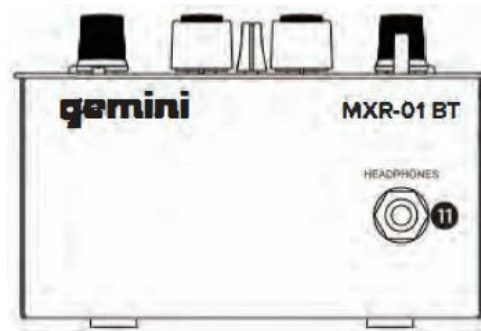
REARVIEW



- 1. Power On/Off
- 2. AC Power Input
- 3. CH2 Line Input
- 4. CH2 Phone Input
- 5. CH1 Line Input

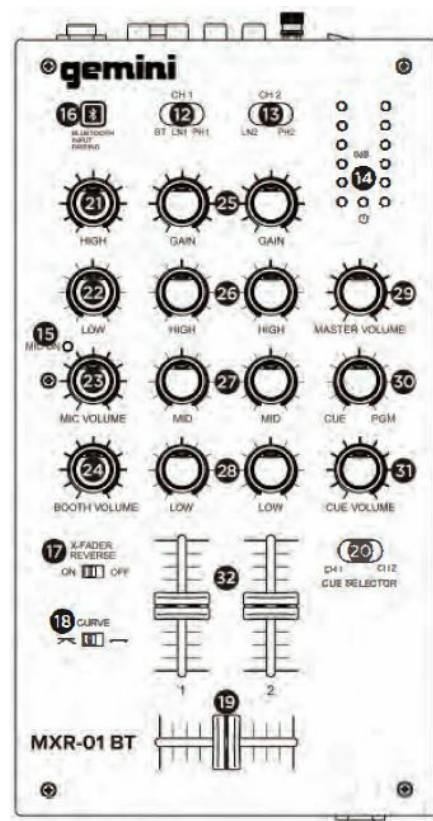
- 6. CH1 Phone Input
- 7. Microphone Input
- 8. Master Output (unbalanced)
- 9. Booth Output (unbalanced)
- 10. Master Output (balanced)

FRONT VIEW



- 11. Headphones Output

TOP VIEW



- 12. CH1 Line/Phone switch
- 13. CH2 Line/Phone switch
- 14. LED Meter/Power LED
- 15. Microphone On LED
- 16. Bluetooth button

- 17. Crossfader Reverse switch
- 18. Crossfader Curve switch
- 19. Crossfader
- 20. Cue Channel Select switch
- 21. Mic HIGH EQ knob
- 22. Mic LOW EQ knob
- 23. Mic Volume knob and On/Off switch
- 24. Booth Volume knob
- 25. Channel Gain knob
- 26. Channel HIGH EQ knob
- 27. Channel MID EQ knob
- 28. Channel LOW EQ knob
- 29. Channel Fader
- 30. Master Volume knob
- 31. Cue Split knob
- 32. Cue Volume knob

DESCRIPTION

Congratulations on your purchase of a Gemini MXR-01 BT Professional DJ Mixer. This state-of-the-art mixer features the latest technological advances and is backed by a 1-year warranty, excluding the crossfader. The crossfader is backed by a separate 90-day warranty. Prior to use we suggest that you carefully read all the instructions.

CAUTION

1. All operating instructions should be read before using this equipment.
2. To reduce the risk of electric shock, do not open the unit. Please contact an authorized Gemini service technician for repair.
3. Do not expose this unit to direct sunlight or a heat source like a radiator or stove.
4. Dust, dirt, and debris can interfere with the performance of this unit when it is not in use. Make an effort to keep the mixer away from such environments, and cover the mixer when not in use. This unit should be cleaned only with a slightly damp cloth. Avoid solvents or other cleaning detergents.
5. When moving this equipment, it should be placed in its original carton and packaging. This will reduce the risk of damage during transit.
6. DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.
7. DO NOT USE ANY SPRAY CLEANER OR LUBRICATION ON ANY CONTROLS OR SWITCHES.
8. Bluetooth input

FEATURES

- Rugged all-metal chassis
- Simple, easy-to-use layout
- 1/4" microphone input with dedicated volume control and EQ
- Multiple Phono/Line stereo channels allow up to 5 audio sources to be connected at once

- Balanced and unbalanced Master outputs
- Independently controlled Booth output
- VCA curve control and reverse switch on the crossfader
- Easily replaceable crossfader

FACE:

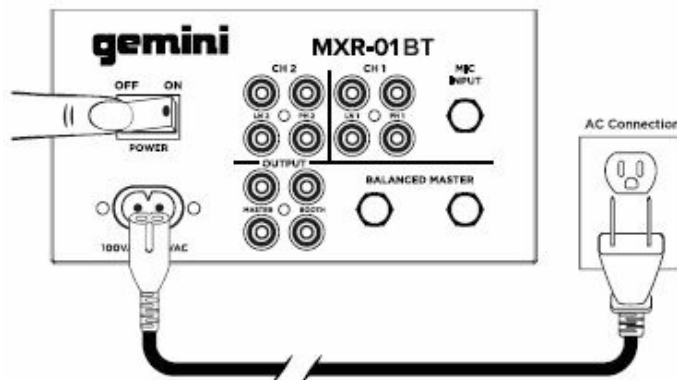
- Removable faceplate for user-replaceable crossfader
- 3-band rotary EQ and gain control
- Cue toggle switch for easy cue switching
- Rotary Cue Volume, Cue Mix, Booth, and Master
- Dual VU display with bright LEDs
- Bluetooth button

FRONT:

- 1/4" Headphone output jack

CONNECTIONS

Ensure that the POWER SWITCH (1) is in the OFF position prior to making any connections. This unit comes with a 2-conductor AC Power cable. Plug the Power cable into the AC power input (2) before plugging it into mains power.



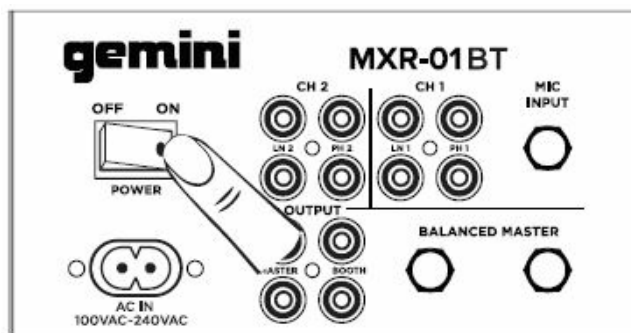
1. The MXR-01 BT has BALANCED (10) and UNBALANCED (8) stereo Master outputs on the rear panel. Select the output appropriate for your amplifier/speakers. There is also an unbalanced Booth output (9). Use a standard RCA-type cable to connect to your booth monitoring solution.
2. Headphones may be plugged into the front panel-mounted Headphones 1/4" output jack (11).
3. A Microphone may also be plugged into the rear panel-mounted MICROPHONE 1/4" input jack (7).
4. The MXR-01 BT has LINE/PHONO RCA inputs (3-6) located on the rear panel. The PHONO inputs are for connecting any turntable with a magnetic cartridge. To hear the connected turntable, go to the associated channel on the front panel and switch it to PH. The LINE inputs are for connecting devices with line-level outputs, like CD, MP3, and other Media players. To hear line-level device output, plug the device into the appropriate input, then go to the associated channel on the front panel and switch it to LN.
5. When using turntables, you will likely need to ground the RCA cables by screwing in the grounding forks to the

GROUNDING SCREW located on the rear panel of the MXR-01 BT. If necessary, attach each device ground to the GROUND THUMB SCREW provided.

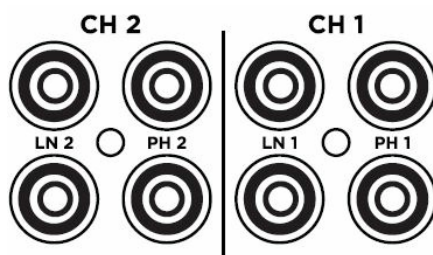
NOTE: WHEN USING TURNTABLES, NOT ATTACHING A GROUND WHEN ONE IS REQUIRED MAY CAUSE AN AUDIBLE SYSTEM “HUM”.

CONTROLS

1. Once all your connections have been made on the rear panel, turn on the mixer by pressing the power switch (1). Turn the mixer on before you turn on any connected amplification. When powering off, turn off connected amps, then the mixer, then any connected sources.



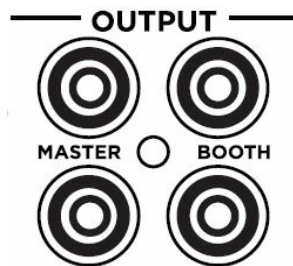
2. **Bluetooth Button:** When the MXR-01 BT is on. The Bluetooth is in search mode for pairing devices. The Bluetooth button (16) is blinking. Select “**GEMINI MXR-OIBT**” in your Bluetooth list and accept pairing. The light keeps lighting. When a unit is connected, a short press of the button can play or pause the music. The long press is disconnected from Bluetooth, the last paired device will be connected when the short press is in search mode.
3. **CHANNELS:** To bring a channel into a program output (PGM), you must first decide which connected source will be in use. Using the LINE/PHONO switch (12, 13), toggle to either your connected turntable or line level source. Once you’ve selected the desired source, slowly raise the Volume Fader (28) to a comfortable level. You can increase the level of the connected audio source by turning the GAIN knob (24). Turning the HIGH (25), MID (26), or LOW (27) EQ knobs will allow you to shape the sound of the source audio.



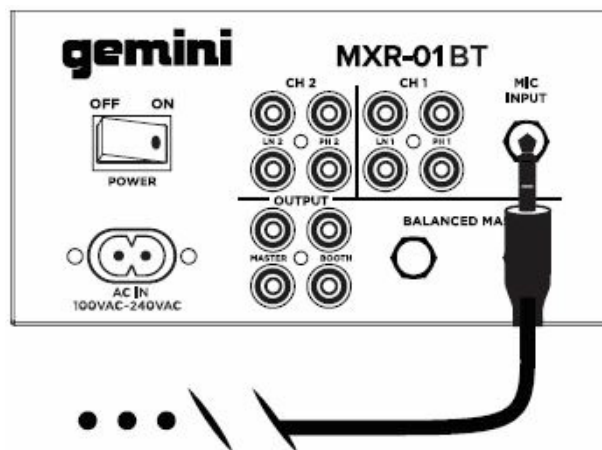
4. **MICROPHONE:** Turn the MIC VOLUME knob (22) clockwise to increase the amount of microphone in the program audio. Turning the MIC VOLUME knob fully counter-clockwise will switch the mic off. You can adjust the tone of the microphone audio by using the HIGH (20) and LOW (21) EQ knobs.

NOTE: FOR OPTIMAL PERFORMANCE, BEGIN WITH THE MASTER VOLUME (29) SET TO THE 12 O’CLOCK POSITION. SET ALL EQ AND GAIN CONTROLS TO THE 12 O’CLOCK POSITION, AND BOTH CHANNEL FADERS TO THE LOWEST POSITION. START PLAYING AUDIO AND SLOWLY BRING UP THE ASSOCIATED CHANNEL FADER TO 75%. IF THE LED METERS ARE LIGHTING THE RED LEDS. USE THE GAIN KNOB ON THAT CHANNEL TO LOWER THE VOLUME UNTIL CLIPPING STOPS. IF THE AUDIO LEVEL IS TOO LOW, YOU CAN USE THE MASTER VOLUME KNOB TO ADJUST YOUR OUTPUT. THIS PROCESS WILL PREVENT SIGNAL OVERLOAD AND DECREASE DISTORTION. RED LEDS INDICATE POSSIBLE CLIPPING (DISTORTION), SO AVOID THIS STATE WHEN POSSIBLE.

5. **CUE:** By connecting a set of headphones to the HEADPHONES jack (11), you can monitor connected devices without bringing them up in the Master audio. Use the cue toggle switch (19) to switch between CH1 and CH2. The cue mix knob (30) allows you to mix program audio into your headphones, allowing you to line up beat mixes or scratches before making them live. By turning the cue mix knob towards CUE (counter-clockwise), you will only hear the cue source. Turning the cue mix knob clockwise towards PGM adds and increases the amount of master audio present in the cue bus.
6. **CROSSFADER:** The crossfader (18) allows you to mix from one channel to the other. The crossfader in the MXR-01 BT is also user-replaceable by removing the faceplate.
NOTE: DO NOT APPLY DOWNWARD PRESSURE WHILE USING THE CROSSFADER. LIGHTLY GUIDE THE CROSSFADER BACK AND FORTH WITH YOUR FINGERTIPS. UNNECESSARY FORCE CAN BEND THE STEM, OR CAUSE PREMATURE WEAR OF THE BRUSHES, CAUSING A LOSS OF SOUND.
7. **OUTPUT SECTION:** Once you are comfortable with the sound level of the music, you may adjust the volume with the Master Volume knob (29) as needed. The BOOTH output is for connecting a “**monitor**” for the DJ and can be controlled using the BOOTH VOLUME knob (23).



8. **MIC SECTION:** Plug the MIC INPUT jack (7) on the rear panel. You can control the volume of the mic by turning the MIC VOLUME knob (22). Using the MIC LOW (21) and MIC HIGH (20) EQ knobs allows you to change the tone of the microphone audio.



9. **VU METER:** The MXR-01 BT has a VU meter (14) that gives you an indication of the outgoing audio signal. This is especially helpful if you are located further away from the main PA system and can not cleanly hear the audio. Try to keep audio levels in the green section of the meter. Peaking into the yellow LEDs is ok occasionally. The red LEDs indicate possible clipping and distortion and should be avoided.

Specifications

INPUTS

Phono	3mV, 47KOhm
Line	150mV, 27KOhm
Mic	1.5mV, 1KOhm Balanced

OUTPUTS

Max	20V Peak-to-Peak
Booth	225mV, 5KOhm

GENERAL

Frequency Response	20Hz - 20KHz +/-2dB
Distortion	
S/N Ratio	Better than 85dB
Headphone Impedance	16Ohm
Power Source	AC 100V - 250V 50-60Hz
Dimensions	284x154x80mm
(HxWxD)	11.18x6.06x3.15"
Weight	1.81Kg / 4lbs

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTIFICATION FOR IMPROVEMENT.

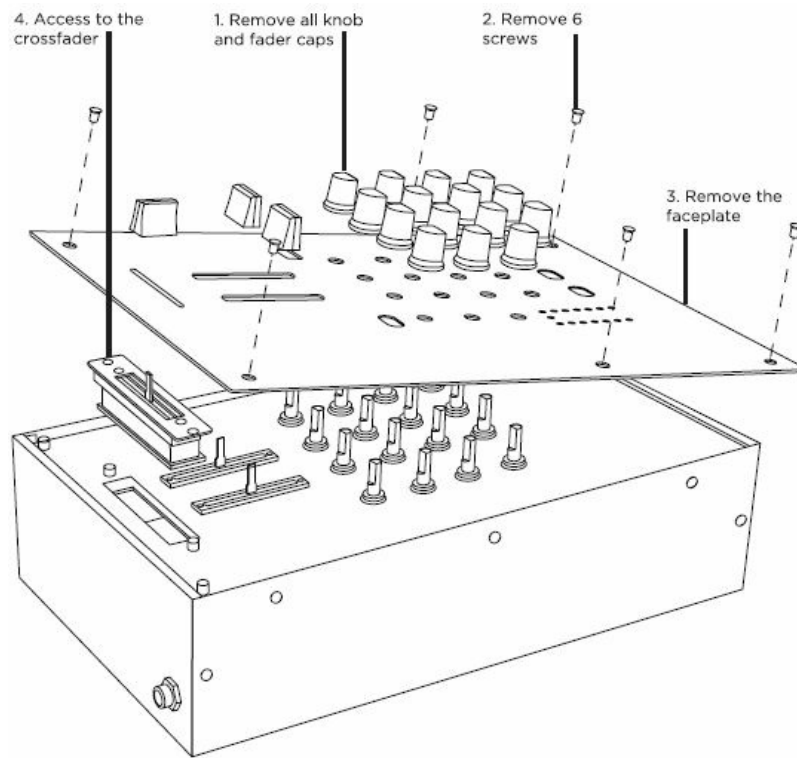
CROSS FADER REPLACEMENT

Before you begin, please disconnect the main power and any connected devices.

To access the crossfader, it is necessary to remove the mixer faceplate:

1. First, remove all knob and fader caps.
2. Then, unscrew the 6 screws in the faceplate (shown with red arrows).
3. Once the faceplate is removed, you will have access to the crossfader assembly.
4. Unscrew the 2 screws holding the crossfader in place, and carefully lift the crossfader out of the chassis.

There is a ribbon and connector attached to the crossfader assembly. Carefully detach _ the connector from the crossfader. It should require no tools and very little force. Once the old crossfader has been removed, connect the new crossfader to the mixer using the same ribbon connector. Insert the crossfader into the chassis and screw it in place. Power on the mixer and test the performance of the new crossfader. If working, go ahead and replace the faceplate and faceplate screws. If your new crossfader is not working, please repeat the above procedure and/or contact Gemini Technical Support. Gemini is not responsible for any damages caused by the user making modifications or replacing parts on the **MXR-01 BT** mixer.



WARRANTY AND REPAIR

All Gemini products are designed and manufactured to the highest standards in the industry. With proper care and maintenance, your product will provide years of reliable service.

LIMITED WARRANTY

- **A.** Gemini guarantees its products to be free from defects in materials and workmanship for one (1) year from the original purchase date. Exceptions: Laser assemblies on CD Players, cartridges, and crossfaders are covered for 90 days.
- **B.** This limited warranty does not cover damage or failure caused by abuse, misuse, abnormal use, faulty installation, improper maintenance, or any repairs other than those provided by an authorized Gemini Service Center.
- **C.** There are no obligations of liability on the part of Gemini for consequential damages arising out of or in connection with the use or performance of the product or other indirect damages with respect to loss of property, revenues, of profit, or costs of removal, installation, or reinstallation. All implied warranties for Gemini, including implied warranties for fitness, are limited in duration to one (1) year from the original date of purchase unless otherwise mandated by local statutes.

RETURN/REPAIR

- **A.** In the U.S.A., please call our helpful Customer Service Representatives at **(732) 346-0061**, and they will be happy to give you a Return Authorization Number (RA#) and the address of an authorized service center closest to you.
- **B.** After receiving an RA#, include a copy of the original sales receipt, with the defective product and a description of the defect. Send by insured freight to Gemini and use the address provided by your customer service representative. Your RA# must be written on the outside of the package, or processing will be delayed indefinitely!

- **C.** Service covered under warranty will be paid for by Gemini and returned to you. For non-warrantied products, Gemini will repair your unit after payment is received. Repair charges do not include return freight. Freight charges will be added to the repair charges.
- **D.** On warranty service, you pay for shipping to Gemini, and we pay for return shipping within the continental United States. Alaska, Hawaii, Puerto Rico, Canada, the Bahamas, and the Virgin Islands will be charged for freight.
- **E.** Please allow 2-3 weeks for return of your product. Under normal circumstances, your product will spend no more than 10 working days at Gemini. We are not responsible for shipping times.

IN THE USA

If you experience problems with this unit, call **732-346-0061** for Gemini customer service. Do not attempt to return this equipment to your dealer. Parts of the design of this product may be protected by worldwide patents. Information in this manual is subject to change without notice and does not represent a commitment on the part of the vendor. Gemini shall not be liable for any loss or damage whatsoever arising from the use of information or any error contained in this manual. No part of this manual may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, electrical, mechanical, optical, or chemical, including photocopying and recording, for any purpose without the express written permission of Gemini.

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FAQs

What is the Gemini Sound MXR-01BT DJ Mixer?

The Gemini Sound MXR-01BT is a professional 2-channel DJ mixer with Bluetooth connectivity, designed to facilitate seamless mixing and audio control in DJ setups.

What are the key features of the MXR-01BT DJ Mixer?

The MXR-01BT DJ Mixer features Bluetooth audio streaming, crossfader curve control, EQ adjustment, microphone inputs, and a compact design for DJ performances.

How many channels does the mixer have?

The MXR-01BT DJ Mixer has 2 channels, allowing DJs to mix and control audio from two different sources or devices.

What devices can I connect via Bluetooth to this mixer?

You can connect Bluetooth-enabled devices such as smartphones, tablets, or laptops to the MXR-01BT for wireless audio streaming and mixing.

Does it support wired audio inputs?

Yes, the mixer provides a variety of wired audio inputs, including line-level RCA inputs, microphone inputs, and a 1/4-inch headphone output.

Can I adjust the EQ settings on this DJ mixer?

Yes, the MXR-01BT DJ Mixer features adjustable EQ settings, including bass, mid, and treble controls for each channel, allowing you to fine-tune your sound.

Is there a crossfader on this mixer?

Yes, the mixer includes a crossfader with adjustable curve control, enabling smooth transitions between audio sources during DJ performances.

What is the headphone cue feature used for?

The headphone cue feature allows DJs to preview and cue up the next track in their headphones before mixing it into the live audio, ensuring precise timing and transitions.

Does the MXR-01BT have a built-in microphone input?

Yes, the mixer includes microphone inputs, making it suitable for DJing events and performances that require announcements or vocal accompaniment.

Can I use this DJ mixer for home or studio recording?

While primarily designed for live DJ performances, you can use the MXR-01BT for basic recording setups, especially when mixing audio from different sources.

Is the MXR-01BT mixer compatible with DJ software?

Yes, you can typically use the MXR-01BT DJ Mixer with popular DJ software, enhancing your mixing capabilities when connected to a computer.

What is the power source for this mixer?

The mixer is powered via an AC adapter, ensuring stable and continuous operation during your DJ sessions.

Are there any additional accessories included with the MXR-01BT DJ Mixer?

The package often includes the mixer, an AC adapter, user manuals, and other essential accessories required for setup and operation.

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