

*User Instructions*

**XDM-241**  
**"SHREDDER"**  
**PREAMP MIXER**



Thank you for purchasing this American DJ® product. The XDM-241 is ready to be used, there is no assembly required. Please read the following instructions before installing or using your new unit. The XDM-241 has a 2 year limited warranty!

Safety Instructions

Always plug in the power last. Make sure that the Power switch is set to the OFF position before connecting other devices to the mixer.

Keep this device away from rain and moisture!

Keep away from heaters and other heating sources!

If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch on the mixer immediately. The arising condensation of water might damage your device. Leave the device switched off until it has reached room temperature.

Never put any liquids on the mixer or close to it. Should any liquid enter the device, disconnect from main power immediately. Have the device checked by a qualified service technician before operating again. Any damage caused by liquid entering the device is not subject to warranty!

Never let the AC cord come in contact with other cables! Handle the AC cord and all AC connections with particular care.

Make sure that the available voltage is not higher than stated on the AC voltage selector (12).

Before the device is switched on, all fader and volume controls should be set to 0 or minimum position.

Damages caused by manual modifications to the device or unauthorized operation by unqualified persons are not subject to warranty.

There are no user serviceable parts inside the mixer. For maintenance and/or service, contact an authorized American DJ® dealer.

### Operating Determinations

When installing this mixer, please make sure that the device is not exposed to extreme heat, moisture or dust! There should not be any cables lying around. Doing so endangers you as well as others.

Do not operate the mixer in extremely hot (more than 30°C / 100°F) or extremely cold (less than 5°C / 40°F) surroundings. Keep away from direct sunlight and heaters.

Operate the mixer only after becoming familiar with its functions. Do not permit operation by persons not qualified for operating the mixer. Most damages are the result of unprofessional operation!

Never use spray cleaners to clean the faders!

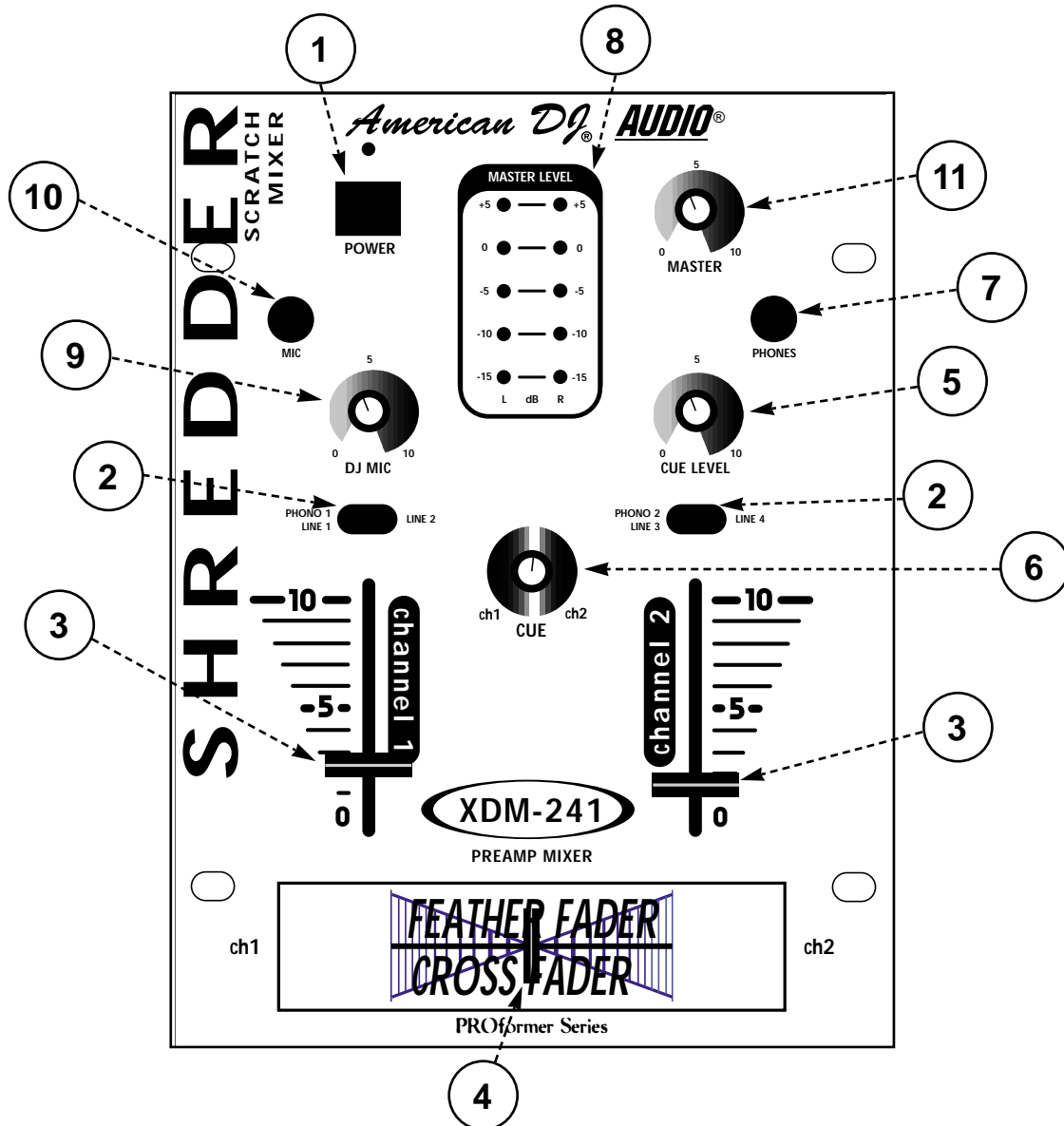
Never use solvents or abrasive detergents to clean the mixer! It is recommended that you use a soft damp cloth.

Please consider that unauthorized modifications on the device are forbidden due to safety reasons!

### Connections (Refer to diagrams on pages 3 & 4)

- Make sure that the power switch (1) is set to OFF. Before connecting other devices to the mixer, all units have to be switched off and the Master Control (11) set to min.
- Make sure that the available voltage is the correct voltage (10 Volts) before connecting to power.
- In order to obtain the highest sound quality, use high quality American DJ® Ameri-Cable™ cables for connecting devices. Make sure that the cables are properly fixed.
- Connect your amplifier to the OUT AMP jacks (16).
- For recording, connect your tape recorder or cassette deck to the OUTPUT REC jacks (15). The REC OUT level will not be influenced by the Master Control (11).
- Connect your microphone to the Microphone Input (10). (See diagram)
- Connect your turntable(s) to the PHONO 1 jacks (13) or the PHONO 2 jacks (14) on the rear panel. You can only control the record player signal after switching the PHONO/LINE switches (2) to phono. The signal is then controlled via the CH-1 and CH-2 faders (3).
- Connect your tape recorder, tuner, sound effects, CD player, cassette deck or any other line signals to the PHONO/LINE jacks (13 & 14) on the rear panel. You can only control the line signals after switching the PHONO/LINE switches (2) to LINE. The signal is then controlled via the CH-1 and CH-2 faders (3).

### Functions



**(1) POWER SWITCH**

**(2) LINE/PHONO SWITCH** - Used to select the input (LINE or PHONO) to be sent to channel 1 or 2. Can also be used for TRANSFORMER SCRATCHING.

**(3) CHANNEL FADER CHANNEL 1 / CHANNEL 2** - Used to adjust the input level of each channel.

**(4) CROSSFADER** - Mixes the signals of channel 1 and channel 2. When the crossfader is set in the center position, both channels can be heard at once.

**(5) CUE LEVEL CONTROL** - Adjusts the headphone output level.

**(6) CUE SWITCH DIAL CHANNEL 1 / CHANNEL 2** - Use the cue switch dial in order to select the channel to be monitored.

**(7) PHONES JACK** - Connect headphones to this jack. Headphones from 8 Ohms to 600 Ohms can be used. 16 Ohms is recommended.

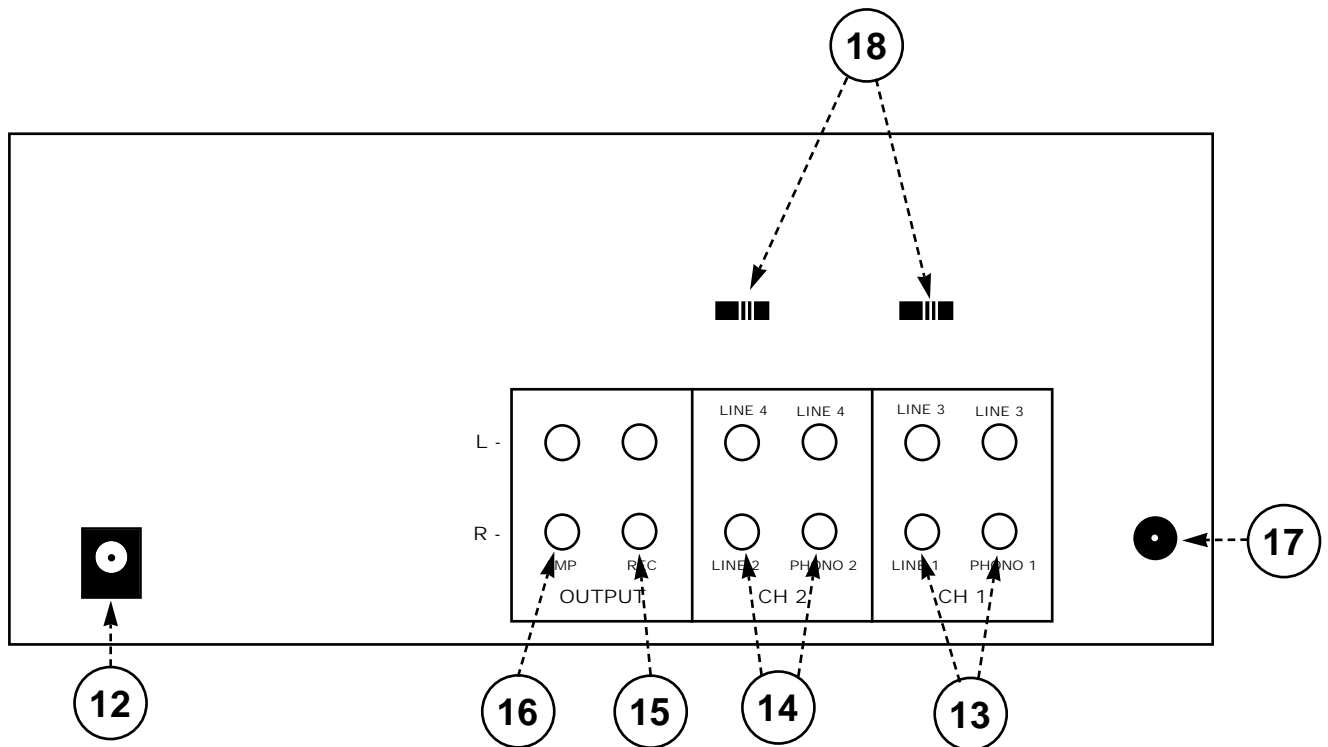
**(8) MASTER LEVEL DISPLAY** - This display shows the signal level of the master output.

**(9) DJ MIC CONTROL** - Adjusts the microphone volume.

**(10) MIC INPUT** - 1/4 inch (6.3 mm) jack plug for microphone input to mixer.

**(11) MASTER LEVEL KNOB** - Adjusts the level of the master output.

### Inputs and Outputs



**(12) DC POWER IN**

**(13), (14) LINE / PHONO INPUT JACK** - Input jacks for CH1 & CH2. Connect turntables equipped with MM pickup cartridges to the PHONO input. CD Players or Tape Decks should be connected to the LINE input. Line level musical instruments with stereo outputs such as Rhythm Machines or Samplers should also be connected to the LINE inputs.

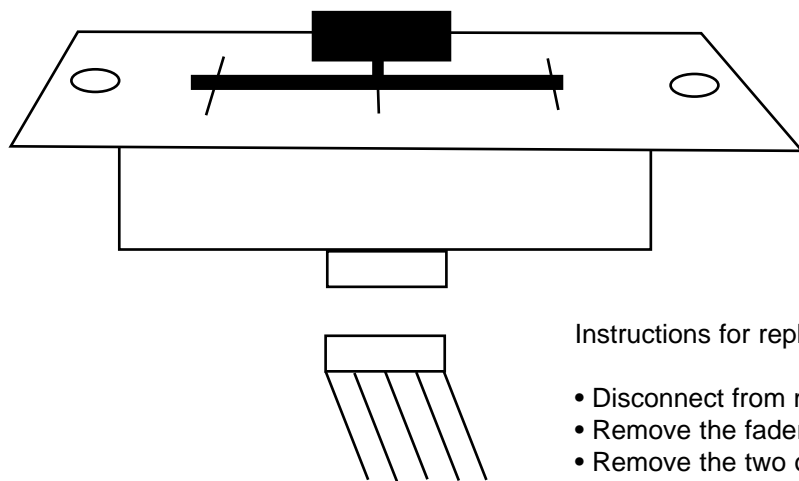
**(15) REC OUT** - To record your record unit. The REC OUT level is not influenced by the master control.

**(16) AMP OUTPUT** - Parallel output for P.A. output. Connect with the input of power amplifier.

**(17) GND (Ground Terminal)** - Connect this terminal to ground lead of the turntable. This helps to reduce humming and popping noises.

**(18) LINE/PHONO SELECTOR** - Used to switch the channel input jacks to line or phono.

### Replacing the Crossfader



#### Instructions for replacing the crossfader:

- Disconnect from main power supply
- Remove the fader knob.
- Remove the two outer screws.
- Take the fader out and unplug the connection cable.
- Connect the new fader and replace back into mixer.

**IMPORTANT!** • Only replace cross fader with American DJ® high quality Feather Fader™ (FF-1).

### Technical Specifications - model XDM-241

<b>Inputs:</b>	
<b>Microphone</b>	1.5mV, 600 Ohm
<b>Phono</b>	3mV, 47kOhm
<b>Line</b>	150mV, 27kOhm
<b>Output</b>	7V, peak to peak
<b>Frequency range</b>	20Hz-20KHz, ± 2dB
<b>Distortion</b>	<0.08%
<b>S/N-ratio</b>	>70dB
<b>Tone control</b>	Treble: 10Khz ± 12dB Bass: 100 Hz ± 12dB
<b>Headphone impedance</b>	16 Ohms
<b>Power supply</b>	DC 12V 500mA
<b>Dimensions</b>	6.5" W x 8.75" D x 3.75" H 211 x 114 x 285 mm
<b>Weight</b>	3.5 lbs. / 1.5 kg

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