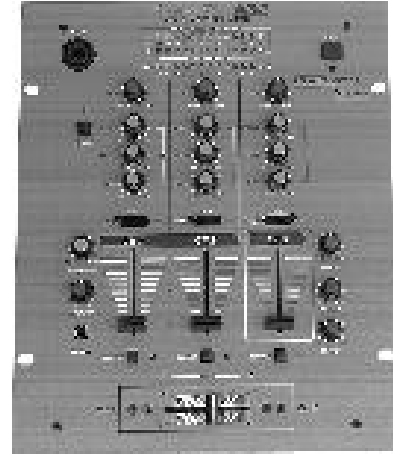


User Instructions

XDM-343

PREAMP MIXER



Thank you for purchasing this American DJ® product. The XDM-343 is ready to be used, there is no assembly required. Please read the following instructions before installing or using your new unit. The XDM-343 has a 2 year limited warranty!

CAUTION! - Keep this device away from rain and moisture!

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 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 be 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 (25).

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.

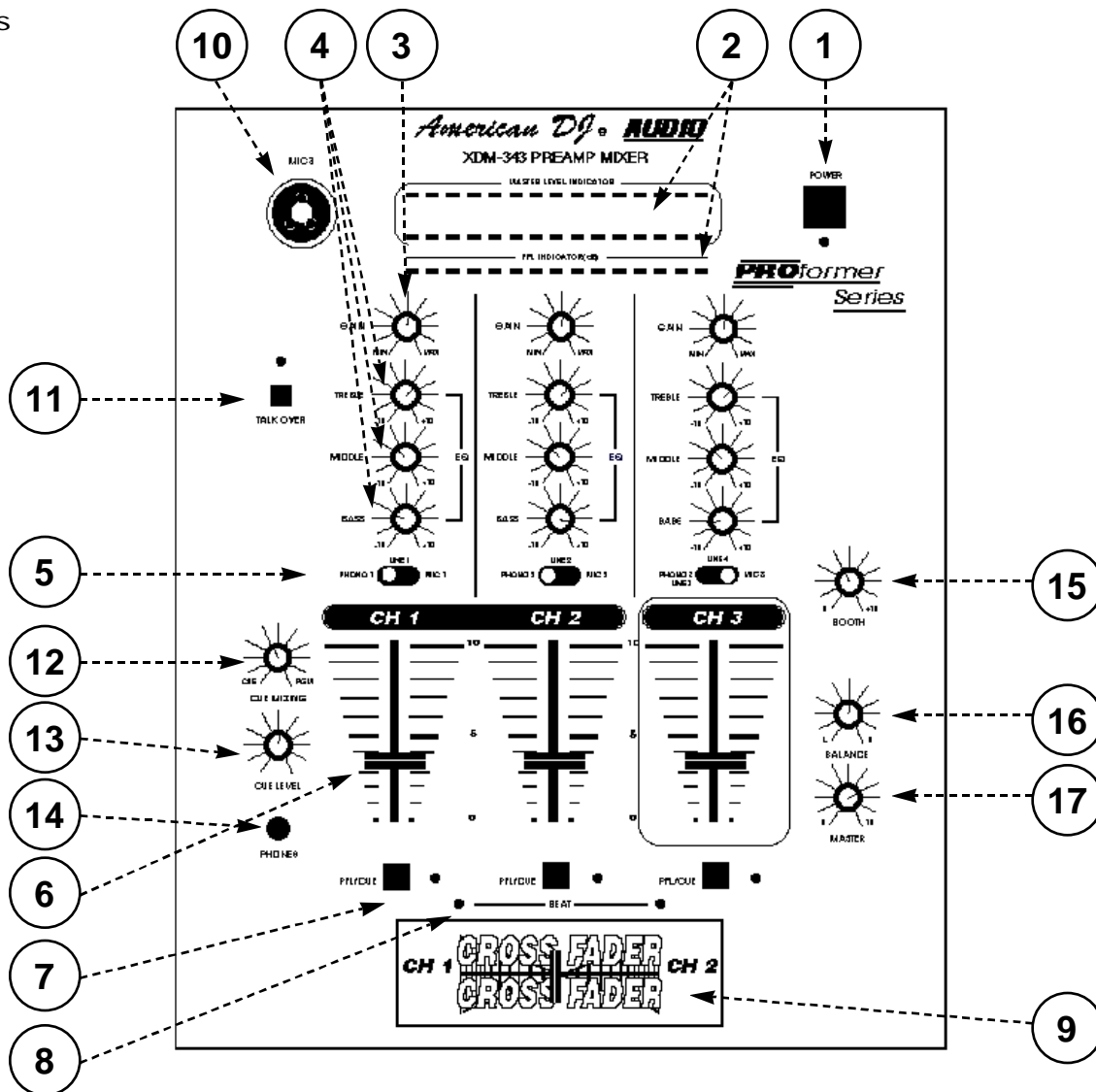
Operate the mixer only after becoming familiar with its functions. Do not permit operation by persons not qualified for operating the mixer. Most damages are the result of unprofessional operation!

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 (17) set to min.
- Make sure that the available voltage is not higher than stated on the voltage selector (25) before connecting to power.
- In order to obtain the highest sound quality, only 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 MASTER jacks (23). Make sure that the channels are set properly.
- For recording, connect your tape recorder or cassette deck to the OUTPUT REC jacks (21). The REC OUT level will not be influenced by the Master Control (17). You can set the output level with the channel faders (6), the tone controls (4), and the GAIN control (3).
- Connect your microphone to the Microphone Input (23) on the rear panel. Make sure that the jacks are set properly. (See diagram on page 4).
- Connect your record player(s) to the PHONO 1 jacks (16) and the PHONO 2 jacks (17) 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 (4).
- The XDM-343 features three microphone inputs. The Canon Mic 3 jack (10) on the front panel is for 1/4" (6.3mm) jack plugs and XLR-plugs. With the TALKOVER switch (1 1), you can attenuate all other signals without affecting the microphone volume. The XDM-343 also features two more 1/4 inch (6.3mm) Mic jacks (27, 28) on the rear panel. You can adjust the microphone volume using the CHANNEL faders. Make sure that the respective PHONO / LINE / MIC switch is set to MIC.
- You can connect 2 record players using the PHONO 1 jacks (18) and PHONO 2 jacks (19) on the rear panel. You can only control the record player signal after you switched the PHONO / LINE / MIC switches (5) to PHONO. The signal is then controlled via the CH-1 and CH-2 faders (6). If you wish to connect a third record player, switch the LINE 3 / PHONO 3 SELECTOR (29) on the rear panel to PHONO 3. You can only control the record player signal after you switched the PHONO 3-LINE 3 / LINE 4 / MIC 3 switch (5) to PHONO 3. The signal is then controlled via the CHANNEL 3 fader (6).
- Connect your tape recorder, tuner, sound effects, CD player, cassette deck or any other line signals to the AMP OUT jacks (18, 19 & 20) on the rear panel. You can only control the line signals after switching the PHONO/LINE/MIC switches (5) to LINE. The signal is then controlled via the CH-1, CH-2 and CH-3 faders (6).

Functions



(1) POWER SWITCH

(2) MASTER LEVEL / PFL DISPLAY - The upper display shows the level of the left and right master output. The lower display shows the level of the channel currently being cued (PFL LED on).

(3) GAIN CONTROL - Used to set the level of the input signal.

(4) BASS/MIDDLE/TREBLE CONTROL - Used to increase or decrease the LOW's, MIDS, and HIs of the input signal.

(5) PHONO / LINE / MIC SWITCH - Used to select the input to be sent to the individual channel. Channel 1 and 2 can be switched phono/line/mic. Channel 3 can either be switched line/line/mic or phono/line/mic. The selector is on the rear panel.

(6) CHANNEL FADER - Used to adjust the input level of each channel.

(7) PFL/CUE BUTTONS - Use the PFL/CUE button to adjust the input level of each channel.

(8) BEAT INDICATOR CHANNEL 1 / CHANNEL 2 - The LED lights up at every bass beat of the respective source. As soon as the LEDs blink synchronously, the speed of the two sources is synchronized.

(9) 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.

(10) MIC 3 JACK - You can connect microphones with 1/4 inch (6.3mm) jack plug or XLR-plug.

(11) TALKOVER BUTTON - Press the talkover button when you want to use the microphone. When the button is pressed, all signals except the microphone level are decreased by 15dB. In the OFF position, all signals return to their original level. When talkover is ON, the red L.E.D. is lit. **NOTE:** The TALKOVER button only works with the microphone plugged into MIC 3 JACK.

Functions (Cont.)

(12) CUE MIXING CONTROL - Selects the channel for monitoring. The monitor signal comes from Prefader. This means it will not be affected by the channel faders. You can monitor every channel individually and all possible combinations. Connect your headphones to the HEADPHONES jack (14). Turn the CUE MIXING CONTROL to CUE and select the desired channels with the PFL switches (7). When you turn the CUE MIXING CONTROL to PGM (PFL switches without function), you can cue the output signal of the mixer. If the CUE MIXING CONTROL is set to the center position, you can cue both the channel signal you selected and the output signal. With the CUE LEVEL control (13), you can adjust the phones volume without changing the output signal.

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

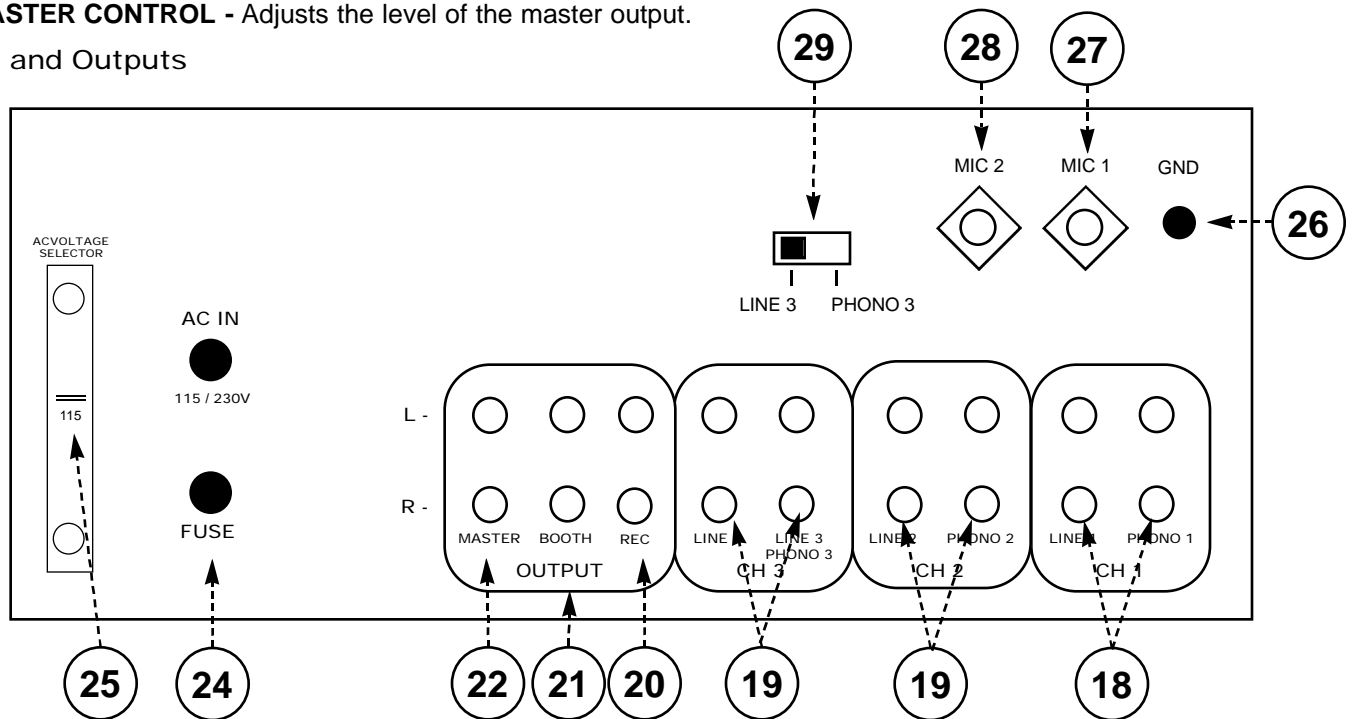
(14) HEADPHONES JACK - Use this jack to connect the headphones. Headphones from 8 Ohms to 600 Ohms can be used. 16 Ohms is recommended.

(15) BOOTH LEVEL CONTROL - The XDM-343 features a DJ BOOTH monitor system. Connect your monitor system with the BOOTH OUT jacks (22) on the rear panel.

(16) BALANCE CONTROL - Used to adjust how much of the signal is sent to the left and right MASTER OUT jack (23).

(17) MASTER CONTROL - Adjusts the level of the master output.

Inputs and Outputs



(18), (19), (20) LINE I PHONO INPUT JACKS - Input jack for CH-1, CH-2 and CH-3- Connect turntables equipped with MM pickup cartridge to PHONO input. CD players or Tape Decks should be connected to LINE input. Line level musical instruments with stereo outputs such as Rhythm Machines or Samplers should also be connected to LINE inputs. Channel 3 can be switched to 2 line inputs or 1 line I I phono input by using the LINE 3 / PHONO 3 selector (29).

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

(22) BOOTH OUT - Connect your monitor system here.

(23) MASTER OUT - Parallel output of P.A. output. Connect with the input of power amplifier.

(24) FUSE - Fuseholder. Only replace the fuse when the device is disconnected from main power supply. Only replace with fuses of the same power and rating.

(25) AC VOLTAGE SELECTOR - Make sure that the selector is properly set.

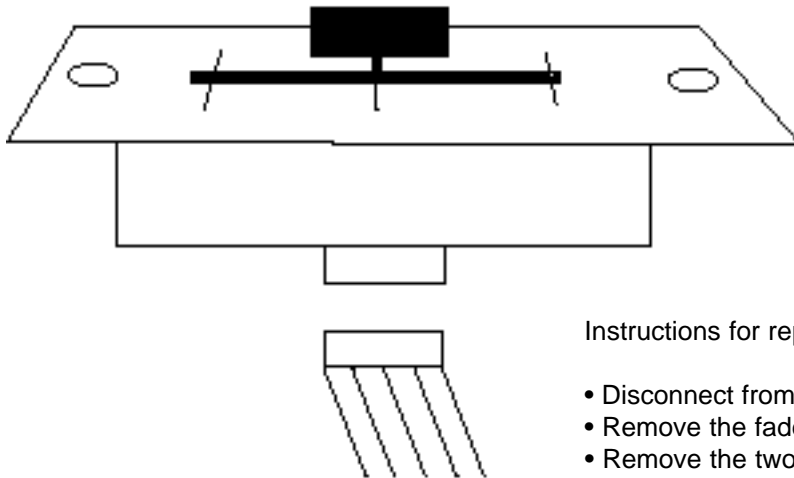
(26) GND (Ground terminal) - Connect the ground lead of the turntable with this terminal. This helps to reduce humming and pop noises.

(27) MIC I JACK - Connect your microphone with 1/4 inch (6.3mm) jack plug here. The signals can be controlled via CHANNEL 1, if the PHONO / LINE / MIC switch (5) is set to MIC 1.

(28) **MIC 2 JACK** - Connect your microphone with 1/4 inch (6.3mm) jack plug here. The signals can be controlled via CHANNEL 2, if the PHONO / LINE / MIC switch (5) is set to MIC 2.

(29) **LINE 3 - PHONO 3 SELECTOR** - Used to switch the CH-3 input jacks to line 3 or phono 3.

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.

Technical Specifications - model XDM-343

Inputs:	
Microphone	1.5mV, 600 Ohm
Phono	1.2mV, 47kOhm
Line	100mV, 27kOhm
Output	20V, peak to peak
Frequency range	20Hz-20KHz, \pm 1dB
Distortion	<0,03%
S/N-ratio	>85dB
Talkover	-15dB
Tone control	Treble: 10Khz \pm 12dB Middle: 1 KHz \pm 12dB Bass: 100 Hz \pm 12dB
Headphone impedance	16 Ohms
Power supply	AC115/230V, 50/60Hz
Dimensions	12.5" W x 10.25" D x 4" H 262 x 320 x 102 mm
Weight	8 lbs. / 3.5 kg