



M300 REVERB

DESCRIPTION

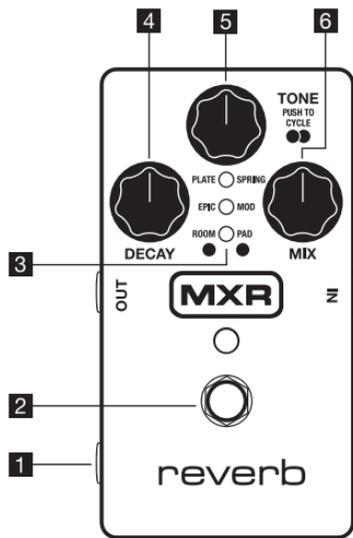
- Six meticulously crafted reverbs in one pedal
- Audiophile quality analog and digital audio paths
- Dry path is 100% analog
- Studio-grade low noise floor
- Trails Bypass mode lets effect ring out after turning the pedal off
- Expression pedal jack for foot control of all knob settings
- Stereo In/Out capability when using TRS cables

CONTROLS

- 1 EXP output allows blending of two setting configurations with an expression pedal (not included)
- 2 FOOTSWITCH toggles effect on/bypass (blue LED indicates on)
- 3 LED column indicates selected reverb style
- 4 DECAY knob sets length of reverb decay
- 5 TONE knob shapes EQ of effect (or octave blend for PAD setting) and selects reverb style
- 6 MIX knob sets reverb signal level

POWER

The MXR Reverb requires 9 volts (240mA) and can be powered by the included Dunlop ECB003/ECB003EU adapter or the Iso-Brick™ Power Supply. This pedal cannot be powered by a battery.



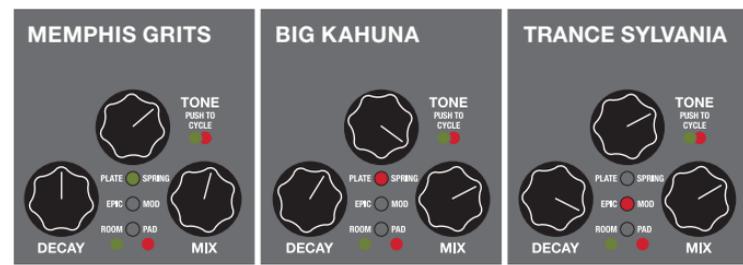
DIRECTIONS

- Run a standard instrument cable from your guitar to the M300's INPUT jack and another cable from the M300's OUTPUT jack to your amplifier. If using an expression pedal, run a TRS cable from the M300's EXP jack to your expression pedal.
- Start with all controls at 12 o'clock.
- Turn the effect on by depressing the footswitch.
- Push in the TONE control to cycle through reverb styles, indicated by red or green LEDs in the LED column. See REVERB STYLES section for a description of each style.
- Rotate DECAY control clockwise to increase length of reverb decay or counterclockwise to decrease it.
- Rotate TONE control clockwise for a brighter reverb sound or counterclockwise for a warmer reverb sound.
- Rotate the MIX control clockwise to increase reverb signal level or counterclockwise to decrease it. Fully clockwise results in an equal 50/50 mix of reverb and dry signals.

NOTE:

You may notice that the M300's housing warms up while on. This is completely normal. Take care when operating in extremely high ambient temperatures or direct sunlight.

SAMPLE SETTINGS



REVERB STYLES

- PLATE: Classic studio plate reverb. Indicated by green LED.
- SPRING: Classic guitar amp reverb. Indicated by red LED.
- EPIC: Multiple interconnected modulated delays. Indicated by green LED.
- MOD: Modulated studio plate reverb. Indicated by red LED.
- ROOM: Simulates small room, early reflection slap-back sound. Indicated by green LED.
- PAD: Blend of octave down and octave up synth sounds with reverb effect. Indicated by red LED. Use TONE control to blend—fully counterclockwise provides one octave down and fully clockwise provides one octave up. The 12 o'clock position provides both an octave up and an octave down. Use DECAY control to set synth pad and reverb decay.

DIAGRAM A



USING AN EXPRESSION PEDAL

An expression pedal such as the DVP4 Volume (XL)™ Mini Pedal or the DVP3 Volume (X)™ Pedal can be used to toggle and sweep between two different setting configurations:

- Connect an expression pedal to M300's EXP jack using a TRS cable, and set rocker to its heel-down position. Adjust knobs as desired. **Note:** Expression pedal cannot be used to change reverb style.
- Move rocker to its toe-down position. Adjust knobs as desired to a different setting configuration.
- Moving rocker back and forth will move effect sound smoothly between those two settings.

STEREO MODE

The M300 can be run in either Mono (default) or Stereo modes, selectable via internal switch, which determines tip/ring input connection. For a stereo setup, run a TRS splitter cable to the M300's INPUT jack and another from the M300's OUTPUT jack to your amplifier. Next, set internal STEREO/MONO switch to its LEFT position (see Diagram A). **Note:** When M300 is bypassed, output ring connection will only receive

signal if M300 is set to Trails Bypass mode (see below).

ADVANCED FUNCTIONS – STARTUP MODE

Additional functions can be accessed by entering Startup Mode. Advanced function settings will remain in selected state, even after pedal is powered off. Re-enter Startup Mode and follow relevant steps to change settings again.

1. Disconnect M300 from power supply and set DECAY and MIX controls to 12 o'clock.
2. Enter Startup Mode by pushing down and holding TONE knob while connecting M300 to its power source.

TRAILS BYPASS MODE

The M300 uses a “true bypass” relay by default, shutting off effect and hardware bypassing the tip connection signal as soon as you turn the pedal off (ring connection uses buffered bypass). The M300 can also be operated using Trails Bypass mode, which uses a buffered bypass and allows the reverb effect to ring out even after you turn the pedal off.

1. After entering Startup Mode, release TONE knob. LED column will now reflect bypass mode

status. Green LEDs indicate factory-set True Relay Bypass mode, while red LEDs indicate Trails Bypass mode.

2. Press TONE knob to toggle between modes.
3. Depress footswitch to exit Startup Mode and resume normal operation.

WET MODE

The M300 can be set so that only the wet signal is sent to your amplifier.

1. After entering Startup Mode, observe LED column for mode status. Green LEDs indicate factory-set Dry mode. Red LEDs indicate Wet mode.
2. While still pushing down on TONE knob, rotate DECAY or MIX knob clockwise past 12 o'clock to select Wet mode, indicated by red LEDs. To return to Dry mode, rotate DECAY or MIX knob counterclockwise past 12 o'clock. Green LEDs will light up and red LEDs will turn off.
3. Release TONE knob to save your selection and depress footswitch to exit Startup Mode and resume normal operation.



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SPECIFICATIONS

Input Impedance	1 MΩ
Output Impedance	100 Ω
Max Input	+5 dBV
Max Output Level	+5 dBV
Noise Floor	-107 dBV
Sampling Rate	96 kHz
Current Draw	240 mA
Power Supply	9 volts DC

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Unauthorized changes or modifications to this product could void the user's authority to operate the equipment.



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