

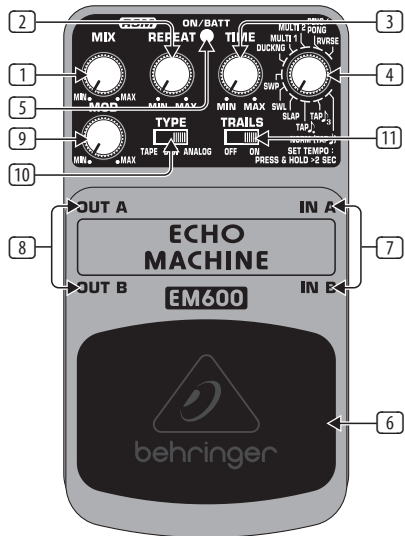
# ECHO MACHINE EM600

Ultimate Echo Modeling Effects Pedal

Thank you for showing your confidence in us by purchasing the BEHRINGER ECHO MACHINE EM600. This ultimate stereo Echo Modeler delivers the whole range of analog, tape and digital delay effects. Create any sound from vintage tape-based echo over warm analog BBD delay sound to clean high-fidelity digital delay.

## 1. Controls

- 1 The **MIX** knob is used for setting the level of the delays.
- 2 The **REPEAT** knob determines the number of delays.
- 3 The **TIME** control adjusts the delay time. The length of time depends on the selected program. The delay time indicates how fast the signal repetitions will follow after the original signal. Low settings allow to use the unit as a chorus or flanger. Alternatively, you can tap the tempo with the footswitch. Turning the control overrides tap tempo settings.
- 4 With the **MODE** knob, you can select one of several delay modes:



Tap J	Tap J <sub>3</sub>	Tap J <sub>4</sub>	Slap	Swell	Sweep	Ducking	Multi 1	Multi 2	Ping Pong	Reverse
Tapping produces quarter note echoes	Tapping produces 8th note triplet echoes	Tapping produces dotted 8th note echoes	Fast Slap back echo with very short delay times	Echoes with auto volume swell	Echoes with sweeping filter feedback	Reduced echoes following playing volume	Multiple delay tap rhythm	Multiple delay tap rhythm	Taps alternating from left to right	Reversed signal delay

- 5 The **ON/BATT** LED illuminates when the effect is activated. It also serves as a battery level indicator.
- 6 Use the footswitch to activate/deactivate the effect. If you depress the pedal for more than two seconds, you are able to enter a tempo by tapping the pedal several times in time with the music. Depressing the pedal again for more than two seconds quits the tempo input mode.
- 7 The 1/4" TS connectors (**IN A/IN B**) connect to your instrument. Use IN A for mono applications and both IN A and IN B if you have a stereo signal source, such as another effects unit.
- 8 The two 1/4" TS connectors **OUT A** and **OUT B** send the signals to your amp. Use both connectors if you want to achieve a full stereo delay effect. For mono use simply plug in OUT A.
- 9 With the **MOD** knob, you can add a nice modulation effect to your delays (TYPE switch position: ANALOG = Vibrato; DIGITAL = Chorus; TAPE = Wow and flutter).
- 10 The **TYPE** switch allows you to choose from different classic delay characteristics, ranging from TAPE (delays with subtle high-frequency damping), DIGI (high-quality delays) to ANALOG (dark and slightly distorted delays).
- 11 With the **TRAILS** switch, you can prevent delays from being cropped when bypassing the effect.

Use the DC IN connection at the front of the unit to plug in a 9 V power supply (not included).

The **BATTERY COMPARTMENT** is located underneath the pedal cover. To install or replace the 9 V battery (not included), press the hinges with a ballpoint pen and remove the pedal cover. Be careful not to scratch the unit.

- ◆ **The EM600 has no On/Off switch. It is operable as soon as you insert a plug into one of the IN connectors. Disconnect the plug, if you don't use the EM600. In doing so, you can extend the life time of the battery.**

The **SERIAL NUMBER** is located at the underside.

- ◆ **In rare cases interferences of the normal function may appear by external influence (e.g. electrostatic discharge), as for example sound disturbances or malfunctions. If this occurs, please turn down the volume on subsequent amplifiers and disconnect the input connector briefly to restart the application.**

## 2. Safety Instructions

Do not use near water, or install near heat sources. Use only authorized attachments/accessories. Do not service product yourself. Contact our qualified servicing personnel for servicing or repairs, especially when power supply cord or plug is damaged.

## 3. Warranty

Please register your new BEHRINGER equipment right after your purchase by visiting <http://behringer.com> and read the terms and conditions of our warranty carefully.

## 4. Specifications

In	
Connector	¼" TS
Impedance	500 kΩ

Out A	
Connector	¼" TS
Impedance	1 kΩ

Out B	
Connector	¼" TS
Impedance	1 kΩ

Power Supply	
	9 V $\overline{\text{=}}$ , 100 mA regulated

### BEHRINGER PSU-SB

USA/Canada	120 V~, 60 Hz
China/Korea	220 V~, 50/60 Hz
Europe/U.K./Australia	230 V~, 50 Hz
Japan	100 V~, 50 - 60 Hz
Export model	120/230 V~, 50 - 60 Hz

Power connector	2 mm DC jack, negative center
Battery	9 V type 6LR61
Power consumption	60 mA

Physical/Weight	
Dimensions (H x W x D)	approx. 2 ½ x 2 ¾ x 4 ⅝"
	approx. 54 x 70 x 123 mm
Weight	approx. 0.73 lbs / 0.33 kg

BEHRINGER is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may therefore differ from those listed or shown.

TECHNICAL SPECIFICATIONS AND APPEARANCES ARE SUBJECT TO CHANGE WITHOUT NOTICE AND ACCURACY IS NOT GUARANTEED. BEHRINGER, KLARKTEKNIK, MIDAS, BUGERA, AND TURBOSOUND ARE PART OF THE MUSIC GROUP (MUSIC-GROUP.COM). ALL TRADEMARKS ARE THE PROPERTY OF THEIR RESPECTIVE OWNERS. MUSIC GROUP ACCEPTS NO LIABILITY FOR ANY LOSS WHICH MAY BE SUFFERED BY ANY PERSON WHO RELIES EITHER WHOLLY OR IN PART UPON ANY DESCRIPTION, PHOTOGRAPH OR STATEMENT CONTAINED HEREIN. COLORS AND SPECIFICATIONS MAY VARY FROM ACTUAL PRODUCT. MUSIC GROUP PRODUCTS ARE SOLD THROUGH AUTHORIZED FULLFILLERS AND RESELLERS ONLY. FULLFILLERS AND RESELLERS ARE NOT AGENTS OF MUSIC GROUP AND HAVE ABSOLUTELY NO AUTHORITY TO BIND MUSIC GROUP BY ANY EXPRESS OR IMPLIED UNDERTAKING OR REPRESENTATION. THIS MANUAL IS COPYRIGHTED. NO PART OF THIS MANUAL MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING AND RECORDING OF ANY KIND, FOR ANY PURPOSE, WITHOUT THE EXPRESS WRITTEN PERMISSION OF MUSIC GROUP IP LTD. ALL RIGHTS RESERVED. © 2013 MUSIC Group IP Ltd. Trident Chambers, Wickhams Cay, P.O. Box 146, Road Town, Tortola, British Virgin Islands