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

**The MIX knob** is used for setting the level of the delays.

**The REPEAT knob** determines the number of delays.

**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.

**With the MODE knob, you can select one of several delay modes:**

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

**The ON/BATT LED** illuminates when the effect is activated. It also serves as a battery level indicator.

**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.**

**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.**

**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.**

**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).**

**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).**

**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. WARRANTY
For our current warranty terms, please refer to our website at http://www.behringer.com.

3. SPECIFICATIONS

<table>
<thead>
<tr>
<th>IN A / IN B</th>
<th>Connector</th>
<th>1/4” TS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impedance</td>
<td>500 kΩ</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OUT A / OUT B</th>
<th>Connector</th>
<th>1/4” TS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impedance</td>
<td>1 kΩ</td>
<td></td>
</tr>
</tbody>
</table>

Power supply B E H R I N G E R  PSU-SB
9 V=, 100 mA regulated

<table>
<thead>
<tr>
<th>Power connector</th>
<th>2 mm DC jack, negative center</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery</td>
<td>9 V type 6LR61</td>
</tr>
<tr>
<td>Power consumption</td>
<td>60 mA</td>
</tr>
<tr>
<td>Dimensions (H x W x D)</td>
<td>approx. 54 mm (2 1/8&quot;) x 70 mm (2 3/4&quot;) x 123 mm (4 4/5&quot;)</td>
</tr>
<tr>
<td>Weight</td>
<td>approx. 0.33 kg (0.73 lbs)</td>
</tr>
</tbody>
</table>

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.

4. 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.

No utilice cerca de agua o instalar cerca de fuentes de calor. Utilice sólo accesorios y aditamentos autorizados. No intente reparar el producto usted mismo. Contácte a nuestro personal técnico cualificado para servicio y reparaciones, especialmente cuando la fuente o el cable de alimentación estén dañados.

Не эксплуатируйте прибор вблизи от источников воды и тепла. Применяйте только авторизованные дополнительные устройства. Никогда не ремонтируйте прибор самостоятельно. Ремонт должен производить только квалифицированный специализированный персонал, особенно при повреждении сетевого провода или сетевой вилки.

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