

To insure your satisfaction, please take a bit of time to read this pamphlet to acquaint yourself with some of the features that may be new to you.

GENERAL INFORMATION

The Morley 747MS Echo Delay incorporates the patented electrostatic memory system owned and used exclusively by Morley. The advantages of this system are many. It is quieter, provides a longer delay and will outperform any competitive unit in its price range: analogue, digital, or magnetic. The design is simple and straightforward. The functions the 747MS performs are those most generally wanted and used by the professional performer.

The 747MS may be used with any amplified instrument or microphone with normal range of impedance. Always use good quality shielded cable to minimize interference, noise or hum.

The 747MS is AC (Mains) powered for maximum reliability.

OPERATING INSTRUCTIONS

(NOTE: Always operate the 747MS in an approximately level, upright position.)

1. For conventional operation connect the microphone or instrument to the input jack.
2. Connect the amp input to the mixed output jack.
3. Turn the controls on the amp and instrument to their usual setting.
4. To start with, turn all the controls on the 747MS to eleven o'clock.
5. Turn on the amplifier, instrument and the 747MS. The lamp on the front panel lights when the power is on.
6. Generate a damped sound (tap a mic or pick a muted string) and you will hear the direct signal plus the delayed effects created by the 747MS.
7. To obtain the effects you desire you may adjust the controls while experimenting, however the following explanation and instructions may save you some time.
8. The INPUT LEVEL controls the amount of signal in. Set it for maximum useable level without overload distortion.
9. Adjust the DELAY control for the desired delay time.
At MINIMUM (counter clockwise) the delay time is

approximately 100 milliseconds. Turning the knob clockwise will increase the delay time to a maximum of approximately 747 milliseconds.

10. The REPEAT control provides single, or multiple repeats. A runaway condition may be obtained by turning the control clockwise until the effect is reached.
11. The DELAY VOLUME is a volume control for the delayed signal only. Usually the level is set so it is slightly lower than the direct signal.
12. A remote control jack labeled FOOTSWITCH is located on the front panel. To remotely turn the effects off or on use a standard footswitch or pedal with shielded cable.

LIVE STEREO OPERATION

Stereo effects are generated by splitting the signal as follows:

1. Connect Amp one to the mixed OUTPUT jack as in conventional operation.
2. Connect a cable from DELAY OUT jack to amp two. When connected in this manner the direct signal only goes to Amp one and the delayed signal only goes to Amp two for a spectacular stereo effect. NOTE: Plugging into the DELAY OUT jack accomplishes the signal separation.
3. Place your amps apart for ideal separation. The delay time appears to be longer when in the stereo mode.
4. You may wish to utilize the stereo capability in another manner using one two channel amp. One example:
A - Connect the DELAY OUT to the reverb channel.
B - Connect the mixed OUTPUT jack to the dry channel.
C - Turn on the reverb which will then be activated by the delayed signal. The effect will be direct sound followed by delayed reverb. This is a commonly used studio effect and far superior to reverb alone.
D - You may also run the direct channel through other effects such as wah, fuzz, phase shift, etc. As you can see the possibilities are endless.

MIXING

Mixing through a P.A. mixer, or console that has an echo send/receive circuit is more effective when the delayed signal only is used. Use the signal from the DELAY OUT jack for that purpose.