

# electro-harmonix

## EXO

### Stereo Electric Mistress DIGITAL FLANGER/CHORUS

Plug your guitar into the INPUT jack and run a cable from the Main Output to your amplifier. If you want to produce lush Stereo flanges run a second cable from the Stereo Output to a second amplifier. There are three basic controls on the STEREO ELECTRIC MISTRESS.

**1. Rate Knob:** This knob controls the speed or rate of the LFO signal that modulates the flanger. It also controls the rate of the Chorus effect. As you turn the Rate knob up the rate will increase. When the Rate knob is turned down between fully counter-clockwise and the 10 o'clock position, the Stereo Electric Mistress will enter Filter Matrix mode. In Filter Matrix mode the LFO signal is disconnected from the Flanger and Chorus so that you can manually modulate the Flanger/Chorus by turning the Rate knob. Keep the Rate knob below 10 o'clock to keep it in Filter Matrix mode.

- 1. Flanger Depth Knob:** Controls the amount of Flange that is mixed with the direct signal. The more you turn the knob clockwise, the more pronounced the flanger effect.
- 2. Chorus Depth Knob:** Controls the amount of the sweet chorus sound. The more you turn the knob clockwise, the more pronounced the chorus effect.

**Hint:** The Flanger and Chorus effect can be used together. While both produce rich sweeping textures on their own, together they can produce dramatically different and warm sonic textures that are not available when one effect is used alone.

**WARNING:** Use only the 9.6VDC/200mA AC adapter the Stereo Electric Mistress comes supplied with. Do not use any other AC adapters. Using other AC adapters, even those made by Electro-Harmonix, could cause harm to the unit, the adapter or you. The Stereo Electric Mistress does not use batteries.

**STATUS LED** – This LED indicates the current state of the unit. When the LED is lit up, the box is in EFFECT mode. When the LED is off, the box is in BYPASS mode. Pressing the Footswitch will toggle

**INPUT Jack** – This ¼" jack is the audio input to the Stereo Electric Mistress. The input impedance presented at the Input Jack is 2 MΩ.

**MAIN OUT Jack** - This ¼" jack is the main effect output jack. Use this jack when connected the Stereo Electric Mistress in mono. The output impedance at this jack is 820 Ω.

**STEREO OUT Jack** – This ¼" jack is the stereo effect output jack. Connect this jack to your second amp or second mixer channel when connecting the Stereo Electric Mistress in stereo. The output impedance at this jack is 820 Ω.

**9V Power Jack** – Connect the output plug from the AC Adapter that was supplied with your Stereo Electric Mistress to this jack, located at the top of the unit. The Stereo Electric Mistress accepts Boss style AC Adapters.

#### **FLANGER Effect:**

The flanging effect can be thought of as a pitch slowly sweeping between high and low limits superimposed on the guitar signal. The RATE control allows you to change the speed at which the sweep occurs. With the RATE control fully counter-clockwise, you enter the Filter Matrix mode, which extends to the 10 o'clock position of the knob. Turning the dial clockwise increases the rate to the point where the frequency of the input signal appears to be shifted in a vibrato-like fashion. The Chorus effect follows the same principal but produces a lush chorus where the rate control is applied to the Chorus and Flanger share identically.

#### **FILTER MATRIX Mode:**

The STEREO ELECTRIC MISTRESS has been set at the factory for maximum color capacity in the FLANGER mode. One of the unique settings that was inherited from the legendary DELUXE ELECTRIC MISTRESS is the Filter Matrix mode. The harmonic makeup of the flange remains while no frequency modulation is applied. Different tonalities can be obtained when the RATE knob is set between a totally off position to around 10 o'clock position.

Unplug after use. Avoid operating near moisture. Rock-n-Roll!

#### **- Warranty Information -**

Please complete and return the enclosed warranty card within 10 days of purchase. We will repair the unit for free within one year of date of purchase. If you should need to return your unit for service within the warranty period, please include a brief description of the problem as well as your name, address, telephone number, copy of your receipt, and a check or money order for \$5.00 shipping and handling to:

Electro-Harmonix  
C/O New Sensor Corporation  
32-33 47<sup>th</sup> Ave.  
Long Island City, NY 11101  
Att: Service Department

Please make checks/money orders payable to New Sensor Corporation.

To hear demos by rock stars on all EH pedals visit us on the web at [www.ehx.com](http://www.ehx.com).  
Email us at [info@ehx.com](mailto:info@ehx.com)