The Miscellaneous Menu

The **Miscellaneous** menu provides access to:

- Total, used and free memory display

- MIDI settings

- The LP-X's clock setting. Note that until you set the clock, it will display 12:00 on the screens where it appears.

To Set the MIDI In and Out Channels or Clock

1. From the **Setup Mode** screen, press the **Misc** softkey.

   The **Misc Settings** screen appears.

```
                    Misc Settings


Memory: Total: 14.94 MB   Used: 142 KB
Free: 14.81 MB

MIDI In:                          1
MIDI Out:                         1
Clock:                        12:00
```

2. Use the left wheel to select **MIDI In**, **MIDI Out** or **Clock**.

3. Use the center wheel to increase or decrease the value for your selection.

   The range for MIDI In is Omni or 1 through 16.

   The range for MIDI Out is 1 through 16.

4. Press the **Yes** key when you are done.

To Send MIDI Signals

The LP-X can send and receive MIDI signals for the following events:

- Motion of **Manual Faders**

- Motion of **Playback Faders**

- Button press of **Solo/Add Bump** buttons

- Button press of **Conventional Light Bump** buttons

- Changes of the **Page** selection

- **Except + Select** button combination (to move backward in a scene list)

- Button press of all **Stack** buttons (**Stack On**, **Go**, **Hold** and **Back** buttons)

- Motion of **Stack** fader

- Motion of **Manual** fader

- Motion of **Master** fader

- Button press of **Blackout** button

MIDI signals are sent and received only in **Run** mode.

NOTE: If the LP-X receives a *System Reset* command from the master device, it resets the board to its default state. The *System Reset* command value is FF. The default state of the board is all faders at zero—including Master and Manual faders—**Run/Scene** mode and the **Bank Switch** button set to *Bank 1*.

For complete details about MIDI, including a MIDI map, please refer to "Appendix B: MIDI Protocol Specification" beginning on page 211.

1. To send MIDI signals to another device, connect a MIDI cable from the LP-X's MIDI Out port to the device's MIDI In port.

2. Set the LP-X's MIDI Out and the device's MIDI In to the same channel.

3. Zero out all faders on the LP-X and turn off the Stack.

4. Put the LP-X into **Run** mode.

5. Put the receiving device into **Record** mode.

6. When sending MIDI output to another device, your first action should always be raising the **Manual** and **Master** faders.

7. Play back the show as you normally would.

8. Take the receiving device out of **Record** mode.

To Receive MIDI Signals

1. To receive MIDI signals from another device, connect a MIDI cable from the device's MIDI Out port to the LP-X's MIDI In port.

   Depending upon your configuration, you also may be able to connect to the device's MIDI Thru port.

2. Set the LP-X's MIDI In and the device's MIDI Out to the same channel.

3. Zero out all faders on the LP-X and turn off the Stack.

4. Put the LP-X in **Run** mode.

5. Send the signal from the device.

Creating Moving Light Devices

Moving light devices that are not included in the LP-X library can be added at any time. You will need information from the manufacturer that specifies the DMX channel assignments for the attributes of the devices.