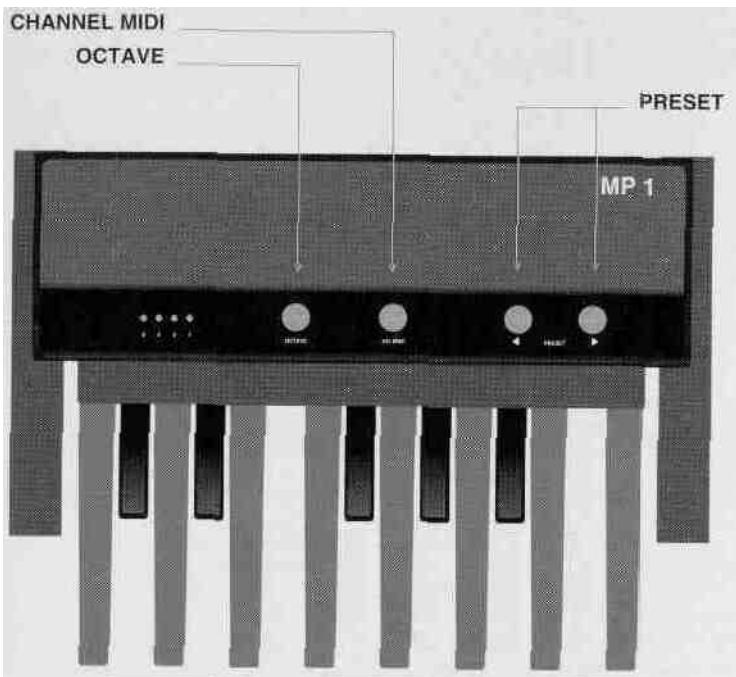


MIDI PEDALBOARD MP-1



The FATAR MIDI PEDALBOARD MODEL MP-1 is the perfect way to expand your MIDI system. Studio and stage musicians alike will appreciate the added flexibility of accessing MIDI Note and Program events by foot, both for playing traditional "bass" lines and for innovative ideas like triggering MIDI percussion and sound effects, or even for inputting commands to a MIDI lighting controller! The MIDI PEDALBOARD is manufactured so that all functions can be easily executed by the feet.

^FEATURES:

- 13 Pedals, C-C
- Programmable Octave
- Programmable MIDI Channel
- Program Change Transmission

^ CONNECTIONS:

- Power Supply Input: 9-12 Volts DC Positive Tip
- MIDI Out

^ TURN-ON DEFAULTS:

- MIDI Channel = 1
- Note Range = 24-36 (Octave 2)
- Program = none
- Velocity = 64 (Fixed)

OPERATING INSTRUCTIONS:

"BINARY LED DISPLAY:

Those familiar with older style "bass pedals" may, on first glance, think that the 8-4-2-1 LEDs on the left side of the MIDI PEDALBOARD are "footage" indicators. In reality, though, they are something quite different numbers! How? It requires a little simple math on your part. All you need to do is add the values of the illuminated LEDs to get the result. Some examples follow (o = off/ = on)

| LED DISPLAY | ADD NUMBERS | RESULT |
|-------------|-------------|--------|
| ● ● ● ● | 8+4+2+1 | 15 |
| ○ ● ○ ● | 4 + 1 | 5 |
| ○ ○ ○ ○ | (none) | 0 |
| ○ ○ ● ● | 2+1 | 3 |
| ● ○ ● ○ | 8 + 2 | 10 |
| ○ ○ ● ○ | 2 | 2 |

^ OCTAVE ASSIGNMENT:

Depress and release the octave footswitch; then, within 3 seconds, play the appropriate pedal according to the following chart:

| PEDAL | NOTE RANGE PLAYABLE | LED DISPLAY |
|-----------|---------------------|-------------------------|
| C (low) | 00 -12 (OCTAVE 0) | ○ ○ ○ ○ |
| C* | 12-24 (OCTAVE 1) | ○ ○ ○ ● ○ |
| D | 24-36 (OCTAVE 2) | ○ ○ ○ ● ○ ○ |
| D* | 36 - 48 (OCTAVE 3) | ○ ○ ○ ● ○ ○ ○ |
| E | 48-60 (OCTAVE 4) | ○ ○ ● ○ ○ ○ ○ |
| T | 60-72 (OCTAVE 5) | ○ ○ ● ○ ○ ○ ○ ○ |
| F* | 72-84 (OCTAVE 6) | ○ ○ ● ○ ○ ○ ○ ○ ○ |
| G | 84-96 (OCTAVE 7) | ○ ○ ● ○ ○ ○ ○ ○ ○ ○ |
| G* | 96 -108 (OCTAVE 8) | ● ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ |
| A Am (hi) | no change | 8 4 2 1 |

As a frame of reference, Note 60 is Middle C on the piano; a piano has a range of Note 21 (lowest A) to Note 108 (highest C); and a typical 5 - octave synthesizer has a range of Note 36 (lowest C) to 96 (highest C). Depending on the MIDI device connected to your MIDI PEDALBOARD, some octaves may not play, or may give unusual results.

► CHANNEL ASSIGNMENT:

Depress and release the CH. MIDI footswitch and the current MIDI Channel will be displayed by the Binary LEDS for 3 seconds. During this period of time, assign a *new* channel by playing the appropriate pedal according to the following chart:

| PEDAL | MIDI CHANNEL | LED DISPLAY |
|---------|--------------|-------------|
| C (low) | Channel 1 | ○ ○ ○ ○ |
| C° | Channel 2 | ○ ○ ○ ● ○ |
| N | Channel 3 | ○ ○ ○ ● ○ ○ |
| D° | Channel 4 | ○ ○ ○ ● ○ ○ |
| E | Channel 5 | ○ ● ○ ○ ○ ○ |
| F | Channel 6 | ○ ○ ● ○ ○ ○ |
| F* | Channel 7 | ○ ○ ● ○ ○ ○ |
| G | Channel 8 | ○ ○ ● ○ ○ ○ |
| O° | Channel 9 | ● ○ ○ ○ ○ ○ |
| A | Channel 10 | ● ○ ○ ○ ○ ○ |
| A* | Channel 11 | ● ○ ○ ○ ○ ○ |
| B | Channel 12 | ● ○ ○ ○ ○ ○ |
| C (hi) | no change | 8 4 2 1 |

Upon new channel selection, the display immediately returns to the current OCTAVE setting. You will not see the new channel assignment displayed until the CH. MIDI footswitch is depressed once more. Note also that, in this case, the sum of the numbers indicated by the illuminated LEDs is always one less than the actual MIDI Channel assigned. This is because in the digital MIDI code itself, what we think of as Channels 1 - 16 is represented by the numbers 0-15.

► PROGRAM ASSIGNMENT:

MIDI Program Change numbers from 00 - 99 (or 1 - 100, if your connected MIDI device starts counting at Program 1) may be sent in ascending or descending order on the currently selected MIDI Channel by depressing the appropriate PRESET button. At turn-on, your MIDI PEDALBOARD loads 00 (Program 1) into its buffer. By depressing PRESET first, 01 (Program 2) will be sent; depressing PRESET first sends 99 (Program 100). You may continue in either direction, and each depression of a PRESET button will increment or decrement the last number sent. Thus to send a higher numbered program, you will need to depress the PRESET button several times, and "count up" to it. (If the program number you want is between 51 and 100, you can use the PRESET button and "count down" instead.) There is no indicator for the currently selected program; refer to the display on the connected MIDI device to confirm your selection.