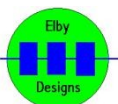




miniMIDI-WASP MIDI-LINK Interface Module

User Guide V0.2
For PCB V1.3 and firmware V2.4

December 30th 2019



miniMIDI-WASP MIDI-LINK Interface Module

Introduction

miniMIDI-WASP is a MIDI-LINK Interface module that converts MIDI Note-ON/Note-OFF messages in to LINK commands

miniMIDI-WASP can also be used with the EDP WASP, EDP GNAT and any other LINK-based unit.

LEARN Mode

The miniMIDI-WASP is factory set to a default range of notes and MIDI channel but this can be re-assigned using the [LEARN] switch.

When the [LEARN] switch is activated, the next MIDI Note-ON message received will define both the MIDI Channel to be used by miniMIDI-WASP as well as assign the received MIDI Note number to the bottom key of the keyboard, for normal operation this means that the first note received during LEARN mode should be the LOWEST C that should be recognized.

To restore the factory default settings (MIDI Channel = 0, LOWEST C = 48 = C4) press and hold the [LEARN] switch while turning power on.

Power Requirements

miniMIDI-WASP requires a well regulated +5VDC @ 20mA supply which is, typically, derived direct from the host machine.

Calibration

miniMIDI-WASP does not need any calibration and is ready to use immediately.

The first time miniMIDI-WASP is run it may not have the required MIDI Channel/Note assignments so normally the very first operation is to hit the LEARN switch (hold for about 1 second) and then send a MIDI Note-On message with the appropriate Note value of the lowest key of the host machines keyboard required to correlate with the lowest note of the WASP.

miniMIDI-WASP supports 3 octaves of notes so will actually play 1 octave higher than the top key of the keyboard.

Options

The 2 OPTIONS dipswitches are for future firmware options and are currently unused

