

## MA1 Extended Description

The MA1 is a Midi signal analyzer and is part of a modular system, CUSTOM configurable, and rack mountable. Unlike a computer software program that has drivers that may decode the midi messages before you see it, the MA1 is an external decoding module that gives a true data traffic display. The MA1 module receives midi messages from a keyboard, computer or any midi instruments or device, decodes and displays the messages either in a DECODED easy to read format or a HEXADECIMAL format for true data readout. Messages including: (9X) - Note On, (AX) - Polyphonic After Touch, (BX) - Control Mode, (CX) - Program Change, (DX) - Channel After Touch, (EX) - Pitch Wheel, and (FX) - System Exclusive are all supported and optionally filtered. Constant MIDI traffic: Active Sensing, Clock, and MTC can be filtered separately (via software settings) and will display as: 'A', 'C', and 'M' respectively in the lower right hand corner so the buffer and display is not filled with repetitive data. By entering the "HOLD" mode, the last few messages (e.g. 37 'Note On' messages) can be viewed, displaying messages that may have otherwise been missed. This compact module can be programmed for many different functions and custom configurations. By ganging MA1's together, each one could be programmed to filter out selected messages, and at a quick glance the latest information is displayed. The MA1 has flexibility with power switch jumper settings so each module can be independent or the power switch could supply power to the entire chassis. Whether your a programmer, engineer, musician, or show control operator, this device and module system is a powerful MIDI tool. THIS MODULE IS PART OF A CUSTOM CONFIGURABLE SYSTEM, THE MA1 REQUIRES A 5VDC POWER SUPPLY, CHASSIS, AND A DATA INPUT SOURCE - Contact ELM Video Technology, Inc. for custom configuration designs/planning or factory pre configured chassis's.

MA1 Dimensions: 3.5 x 3.4 x 1.9 inches