MASTER CLOCKS MC4181LV

COMPUTER PROGRAMMABLE RACK MOUNT MASTER CLOCKS ARE AFFORDABLE!

FREE "MCPROGRAMMING" SOFTWARE

RING BELLS - CONTROL CLOCK SYSTEMS

LOW VOLTAGE, STAND-ALONE, or COMPUTER CONTROLLED

Ideal for Schools, Hospitals, Factories ....

RS232 I/O Port interfaces to Computers, GPS Master Clocks, and ATS Digital Clocks. MCPROGRAMMING Software for Windows 95, 98, and NT is included

Corrects all major analog and digital secondary clocks, including AE Series RS232 Clocks and CC2000 Series System Clocks.

Multi-Zone (Eight Circuits), Multi-Schedule. Up to 100 events per day with Annual Programming and Two different bell durations.

Automatic Daylight Savings Time and Leap Year Correction.

Non-Volatile Memory - Keeps time and program for indefinite power outages. No Batteries required.

12 VAC, 60 HZ Powered, Optional 50 HZ. Heavy Duty Relays rated at 15 AMP

Optional Modem Interface

MC4181LV SERIES MASTER CLOCKS

Description

The MC4181LV Series Master Clocks are Low Voltage, Eight Circuit, Rack Mounted versions of the popular MC Series Master Clocks. All MC Series Master Clocks have the same powerful operating program which provides up to 100 events per day, Annual Programming and keyboard selectable, secondary clock correction. Correction for most analog and digital secondary clocks, including three-wire synchronous, minute impulse, bi-polar minute impulse and all Midnight synchronized digital clocks is built-in.

In addition, the MC4181LV has an RS232 I/O Port for interfacing to computers, GPS Master Clocks and for driving ATS, CC2000 Series Digital Clocks, and AE Series Large Digital clocks with the RS232 input option.

MCPROGRAMMING Software (MC-DISK1) is included. MCPROGRAMMING Software runs on Windows 95, 98, and NT Systems, and allows the user to create master clock programs on a PC, store them, and upload them to the MC4181LV. In addition, programs can be downloaded from the MC4181LV to the PC. Numerous other utilities programs are provided on MC-DISK1 for synchronizing the MC4181LV to a PC, for synchronizing a PC to the MC4181LV, for interfacing to a modem, and for controlling AE and CC2000 Series Digital Clocks, including the AE Series GPS Master Clocks.

SPECIFICATIONS

Programming Capabilities:

> Auto-Prompt Programming provides display information to guide the operator during program setup.
> 200 Powerful Program Steps provide up to 1400 multi-zone events per week.
> Up to 10 Basic Plans (schedules) with weekdays, custom weeks and single day events.
> 20 Annual Plans provide starting and ending dates for scheduling any of the 10 Basic Plans.
> Programmable Daylight Savings Time adjustments.
> Programmable momentary and steady state outputs. Ring bells and control equipment.
> Built-In Secondary Clock Correction for analog and digital clocks.
> Works with MCPROGRAMMING Software for complete computer synchronization and control, including
> the uplaoding and downloading of master clocks programs.

Hardware:

> Power - 12 VAC, 60 Hz, 1 Amp Maximum. A power module (120/12 VAC) is included.
> Outputs - Eight relays (six SPST, two SPDT) rated at 15 Amps, 48 VAC or 12 VDC resistive load.
> Wiring - Terminal blocks are provided on the back panel for field wiring. Terminal blocks and a DB9 connector are provided for the RS232 I/O Port.
> Power Backup Non-Volatile Memory keeps time and program for indefinite power outages.
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> RS232 I/O Port Interfaces to computers, GPS Master Clocks and for driving ATS, CC2000 Series Digital Clocks, and AE Series Large Digital clocks with the RS232 input option.

Physical:

> Anodized Aluminum, Rack Mount Enclosure - 19" W x 3.5" H x 9" D. Fits a standard 19 inch equipment rack.
> Backlighted, 32 Character, Two-Line, Alphanumeric LCD Display. Clearly labeled, 4 x 4 keyboard (16 keys).

Options:

> **MC-OPT-354M**   Add Modem Interface, Modem Not included