



FEATURES

- **5 Year Warranty**
- **UL Listed**
- Internal clock accuracy of ± 1 minute per year
- Automatic Daylight Saving Time & Leap Year correction
- Control of up to 6 signal circuits
- Control of 1 clock circuit
- Ethernet option provides remote programming capability for signal circuits using Remote Connect web interface
- Field upgrades via USB flash drive

SPECIFICATIONS

Input Voltage to Power Adapter:..... 100-240vac, 50/60 Hz
 Output Voltage from Power Adapter:..... 12.0 \pm 0.6 vdc
 Peak Input Power:..... 10 watts
 Nominal Power:..... 2.5 watts
 Fuse: (Input Power) 8 amps, 250vac, Subminiature
 Standby Timekeeping: 10 years
 Memory/Time Backup: CR2032 lithium battery, 240 mAh capacity
 Timekeeping Accuracy: ± 1 minute/year without correction from Ethernet time reference
 Program Retention:..... Unlimited
 Programmable Events:..... 9,999 events total
 Schedules:..... 99 maximum
 Signal Duration:..... Programmable 1-9 seconds or continuous On
 UL Listed: File #E157522
 Optional Clock Circuits (1): Dry contacts rated at 250vac, 8 amps resistive, 5 amps inductive
 Clock Circuit Fuses (2): 8 amps, 250vac, subminiature
 Optional Signal Circuits (6): Dry contacts rated at 250vac, Continuous: 7.5 amps resistive, 5 amps inductive,
 50% duty cycle*: 10 amps resistive
 Physical Dimensions: 5"h x 16⁷/₈"w x 8"d
 Temperature Range: 32°-140°F (0°-60°C)
 Mounting: Desktop or rack mount
 Shipping Weight:..... 7¹/₂ \pm 1/2 lbs.
 Display:..... 128 x 64 graphics LCD
 Keypad: 16 button tactile feedback membrane switch
 *50% duty cycle is defined as all signal relays on for one minute, off for one minute, repeating

ORDERING INFORMATION

Part #	Description
No External Time Source	
SSQMSTR-00X2B	1 clock circuit
SSQMSTR-00X6B	6 signal circuits
SSQMSTR-00X8B	1 clock circuit/6 signal circuits
With Ethernet Option	
SSQMSTR-00X2E	1 clock circuit
SSQMSTR-00X6E	6 signal circuits
SSQMSTR-00X8E	1 clock circuit/6 signal circuits
With Standard GPS Option	
SSQMSTR-00X2G	1 clock circuit
SSQMSTR-00X6G	6 signal circuits
SSQMSTR-00X8G	1 clock circuit/6 signal circuits
With GPS Plus Option	
SSQMSTR-00X2P	1 clock circuit
SSQMSTR-00X6P	6 signal circuits
SSQMSTR-00X8P	1 clock circuit/6 signal circuits

Optional Rack Mount Kit

Part # H004100

Kit Includes: 2 ears, 8 screws, installation instructions

Construction: 18 gauge steel

Finish: Powder coated black



SYNC OPTIONS

Standard GPS Option: This option provides time synchronization via the Global Positioning System (GPS). The 15 ft. GPS cable can be extended up to 100 ft. with extensions. See specifications on Page 3.

GPS Plus Option: This option provides time synchronization via the Global Positioning System (GPS). The option includes weather-tight, non-corrosive connections for outdoor installation and can be extended further (up to 1500 ft.) than the Standard GPS option. See specifications on Page 3.

Ethernet Option: This option provides time synchronization via Simple Network Time Protocol (SNTP) or Daytime Protocol from Internet Time Servers or an internal Network Time Server. It eliminates the need to mount an outside receiving antenna.

The Ethernet option also includes the Remote Connect web server, which enables event programming, circuit selection and activation and other system features remotely accessed via web browser from a computer.

Standard GPS Option Receiver H003738X

For best results, mount the GPS antenna to an outside wall or to a mast on the roof with a clear view of the sky. The location should be unobstructed by trees, branches, power lines and other buildings, etc.

SPECIFICATIONS

- Input voltage: 4.0 -5.5vdc
- Input current: 60mA @ 5vdc
- Baud rate: 4800
- Color: Black
- Size:750" thick x 2.375" diameter with
15 ft. vw-1 Rated cord
- Weight: 115.6 grams
- Connector plug-in: RJ45
- Operating temperature: -22°F to 176°F (-30°C to 80°C)
- Storage temperature: -40°F to 194°F (-40°C to 90°C)
- Cable extensions: Optional: 25 ft., H001840, CMX Rated
50 ft., H001841, CMX Rated
50 ft., H001841P, Plenum Rated
75 ft., H001842, CMX Rated
100 ft., H004340P, Plenum Rated



GPS Plus Option Receiver H000817 Kit w/50ft Cable

This option provides time synchronization via the Global Positioning System (GPS). The option includes weather-tight, non-corrosive connections for outdoor installation and can be extended further (up to 1500 ft.) than the Standard GPS option.

SPECIFICATIONS

- Input voltage: +9V - 32 volts
- Input current: 130mA maximum
- Communication: RS422
- Baud rate: 9600
- Color: Black/Dark Gray
- Size: 4.4" deep x 2.17" high (102mm x 76mm)
..... with 20" pigtail and 50 ft. extension
- Weight: 14 oz. (0.4 kg)
- Housing material: Cylolac ABS Radome, Aluminum base
- Connector plug-in: Deutsch MMP21-2212S1 (12-pin Male)
- Operating temperature: -40°F to +167°F (-40°C to +75°C)
- Storage temperature: -40°F to +185°F (-40°C to 85°C)
- Relative humidity: 85% non-condensing at -22°F to +140°F
..... (-30°C to +60°C)
- Cable extensions: Optional 50 ft. extensions (H000818 not pictured)
- Max. extension cable length: 1500 ft. (457m) total



All external components are U/V stabilized for extended exposure to the sun and the elements.

All cables include shrink tubing for sealing connections.

At American Time we continually strive to improve our products to meet our customers' needs and to provide the best possible value. The above specifications are believed to be correct, are subject to change without notice and may otherwise vary from the above. Please call if you need verification of any specifications or the suitability of a particular product for a particular application.

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