

SMA 6000 Series TalkBack Master Clock (V4)

Features:

- LED display for a clear, accurate readout
- Two line, backlit LCD display with 20 characters per line
- Improved 2x8 rubber pushbutton keyboard
- Equipped with Sapling's TalkBack Technology
 - Two-way communication between the master clock and secondary clocks without the purchase of additional servers or software
 - Master clock receives vital information from each clock in the system such as battery life, signal strength, mechanical status, and more.
- Master clock's intuitive Web Interface allows for remote programming and configuration
 - Create settings for all TalkBack secondary clocks through any web browser
 - Easy programming of the master clock's four or eight auxiliary relays for scheduling.
 - Configure email notifications to alert the user of various clock statuses
 - Control of all of the IP settings
- (S)NTP Input Capability
 - Up to 10 server addresses can be pre-programmed into the unit for continuous, accurate synchronization
 - DHCP Capable
- Interfaces with other systems
 - Interfaces with 59 and 58 minute correction, National Time and Rauland, as well as Dukane digital
- 12 or 24 hour mode
- Automatic bi-annual Daylight Saving Time changes (when used as a primary master clock)
- Bias seconds output
 - Adjust the time plus or minus a few seconds or minutes to fit your application, while still receiving an input from another source
- Microprocessor based
- RS485 input and output for time correction and synchronization
- Two (2) relays for simultaneous correction of two synchronous-wired clock systems
- Field programmable
- Ten (10) year battery backup for timekeeping

Optional Features a la Carte:

- Four or eight configurable auxiliary relays (zones)
 - 800 event capability
 - 255 pre-programmed schedule changes
 - Two (2) programmable signal durations per circuit
- GPS input
- (S)NTP Server
 - With this software upgrade, the new SMA Master Clock can be used as a (S)NTP server to interface with other devices
- Count down feature
 - Digital clocks will countdown a preset amount of time when the relay is activated



Specifications:

- Time base: Crystal
 - Voltage input: 85 VAC - 264 VAC, 50/60 Hz
 - Current Consumption: 0.2A at 120V and 0.1A at 230V
 - Power Consumption: 20 Watts
 - Display: Vibrant LCD display and .56" (1.42 cm) LED display
 - Color: Black
 - Housing: Smooth surface metal case
 - Keypad: 2x8 rubber tactile keypad
 - Temperature range
 - Operating: 0°C - 45°C
 - Shelf: -15° - 70°C
 - Calendar: Built-in calendar with leap years
 - Inputs: GPS (optional), (S)NTP, Wireless repeater, RS485, 58 minute correction, 59 minute correction, National Time and Rauland, Dukane digital
 - Standby time keeping: Ten (10) years
 - Memory: Non-volatile EEPROM
 - Outputs: RS485, 2 clock circuits and TalkBack Technology Wireless Communication
- Housing dimensions (LxWxD): 11" x 17.5" x 1.75" (27.94 cm x 44.45 cm x 4.45 cm)
- Mounting: Wall mount or rack mount
 - Weight: 6.5 lbs. (2.95 kg)
 - Includes: 1 - 6 foot (1.82 m) power cord
1 - Wall mount kit (wall mount only)
1 - Remote antenna (rack mount and transmitter option only)
1 - 75 foot (22.86 m) GPS cable (with GPS option)
1 - Dome antenna (with GPS option)

OPTIONS - Zones

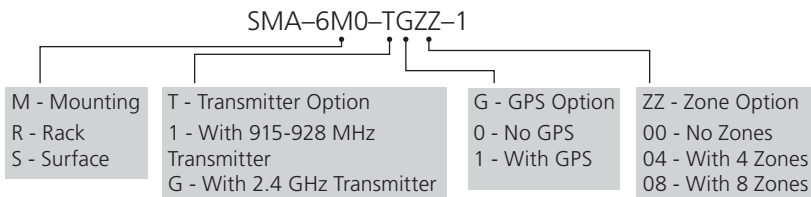
- Auxiliary zones: 4 or 8 zones optional
- Contact rating: 8 amps, 0 - 220 volts
- Signal duration: 2 programmable signals per circuit, 1 - 9999 seconds or on/off
- Input sensitivity: -112 dBm
- RF signal output: 30 dBm (1 watt)
- Transmission frequency: Either 915 - 928 MHz or 2.4 GHz frequency-hopping technology

OPTIONS - GPS

- Antenna: Thread mount bullet on 3/4" conduit
Diameter: 3.04" (7.72 cm)
Height: 2.94" (7.47 cm)
- Antenna dimensions: 10/100 Mbps Full Duplex
- Ethernet Speed: RJ45
- Ethernet Port: UL/cUL listed
- Compliance: FCC part 15 B "class B digital devices" CE Compliances: EMC, LVD

Ordering Information

SMA 6000 Series TalkBack Master Clock



Examples:

- SMA-6R0-1004-1: SMA 6000 Series, rack mount, with 915-928 MHz transmitter option, no GPS, 4 zones
- SMA-6S0-G108-1: SMA 6000 Series, surface mount, with 2.4 GHz transmitter, with GPS, 8 zones



SMA 6000 Series Software Upgrades

(S)NTP Server:

SMA-000-SERV-0: Master clock can act as a (S)NTP Server

Countdown:

SMA-000-CDOW-0: Master clock can activate a countdown feature on digital clock models

*specification sheets may change without prior notice