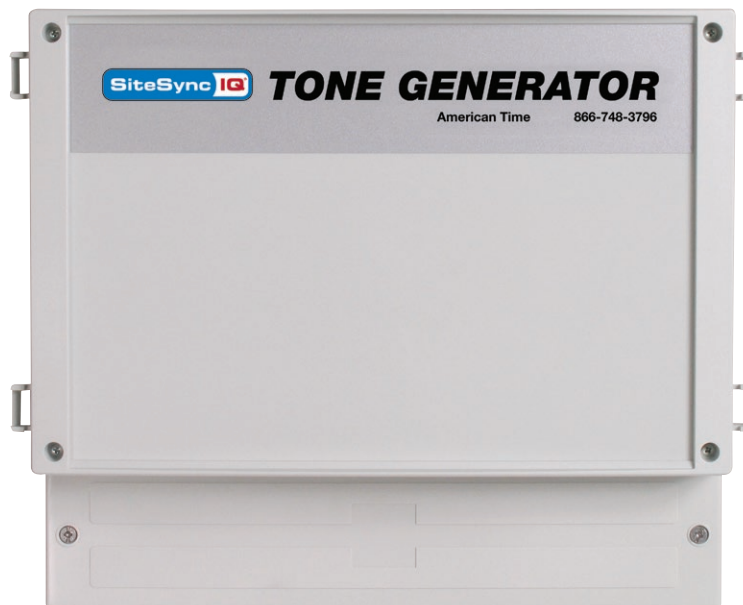


Installation and Operation Manual



Wireless Tone Generator



Safety Precautions

To prevent electrical shock, do not apply electrical power to the wireless tone generator, signal relays or any other equipment before completing all wiring connections.

When using additional equipment such as the SiteSync IQ System Controller, refer to the installation manual and instruction documentation before attempting setup.

For System Controllers

To protect against shorts between power and signal circuits, all wires connected to the power and signal circuit terminals must be insulated to 300vac.

Relay contact voltage must not exceed 240vac to prevent damage to relays.

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American Time
140 3rd Street South
PO Box 707
Dassel, MN 55325-0707

Phone: **800-328-8996**
Fax: **800-789-1882**
american-time.com

Specifications

Physical Specifications

Dimensions:10¹/₄"h x 12¹/₂"w x 4"d
Weight:4.8 lbs
Voltage Input:120vac, 11 mA
Operating Temperature:41°-131°F (5°-55°C)
Termination:.....Screw terminals

Operation

Receiver Specifications

Frequency:450-470MHz (factory set)
Paging Format:POCSAG, narrow band
Data Baud Rate:.....512 BPS
Sensitivity:10uV/M
Channel Spacing:.....12.5 KHz
Tone Durations:1-9 seconds and one minute increments (set by the SiteSync IQ® system controller)

Contact Information

Output Signal Specifications

Rated Output: Adjustable from 0-1.15 volt P-P
Load Impedance: 600 ohms or higher
Controls:..... Gain control - Screwdriver adjustment
Inputs: T1-T4 four dry contact inputs for tone selection. The Audio In input allows normal background audio to play. Pre-empted by tone selection inputs T1-T4.

- Steady tones and Whoop last for the duration of the contact input.
- Pulsed tones are 0.4 seconds ON and 0.4 seconds OFF with a one second break before repeating.
- A two pulse tone repeats every 2.5 seconds for the duration of contact input.
- A three pulse tone repeats every 3.25 seconds for the duration of the contact input.
- The Chime sounds once when the contact is closed and again when the contact is opened.

Tone Description	T1	T2	T3	T4
333 HZ Tone	■			
333 HZ Tone - 2 Pulses	■	■		
333 HZ Tone - 3 Pulses	■		■	
Chime		■		
Whoop			■	
700 HZ Tone				■
700 HZ Tone - 2 Pulses		■		■
700 HZ Tone - 3 Pulses			■	■

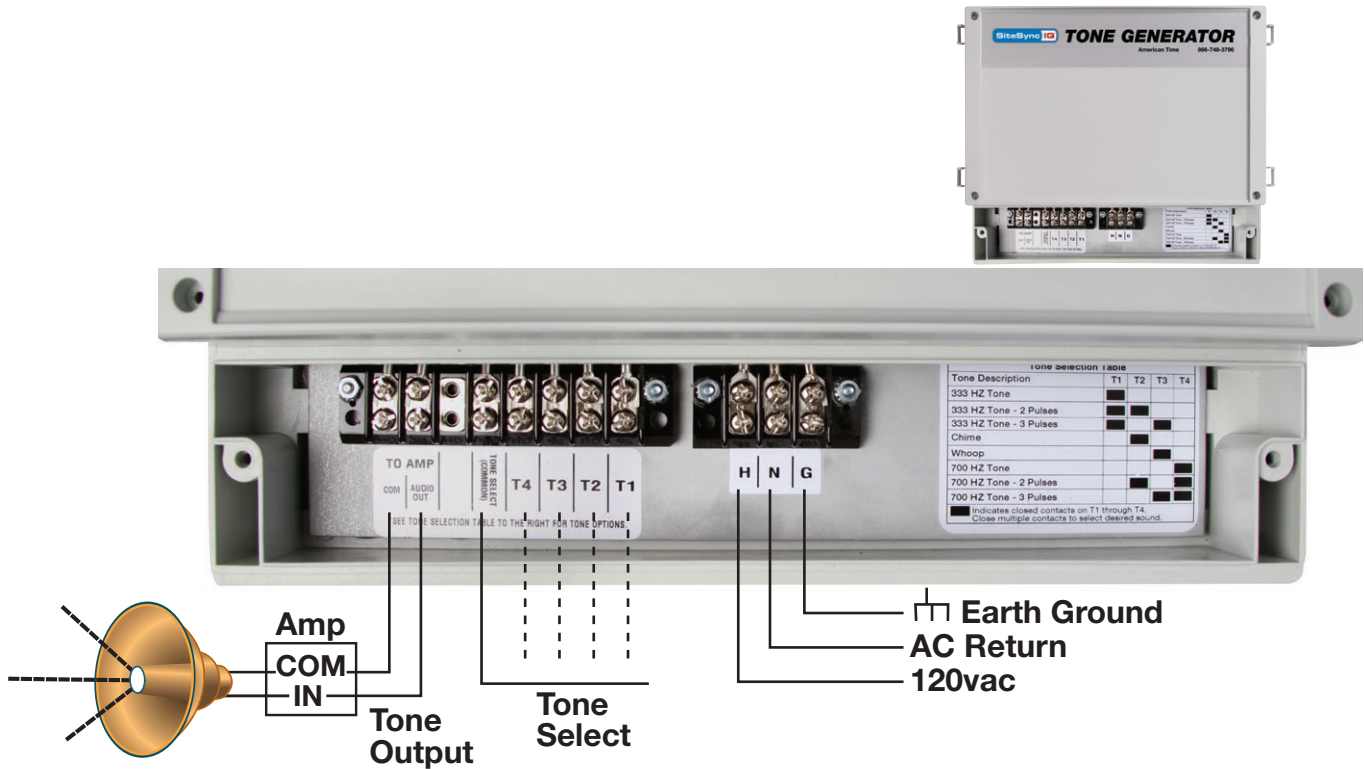
■ Indicates closed contacts on T1 through T4.
 Close multiple contacts to select desired sound.

Order Information

Part # H004313

The wireless tone generator will allow the user to activate tones wirelessly and interface with power and audio amplifier wiring through a screw terminal located in the bottom panel of the wireless tone generator. *See the figure below.*

WARNING: Never apply electrical power to this device until wiring is completed and in accordance with all local and national electrical codes.



Specifications

Operation

Contact Information

The two left most terminals on the wireless tone generator's larger terminal block are labeled TO AMP COM | SIG OUT. These terminals should be connected to the amplifier system/receiver.

The next used terminal is labeled TONE SELECT (COMMON). This terminal is used to complete the tone selection circuit. It will be connected using the supplied jumper wire to one or two of the T1, T2, T3 or T4 terminals depending on which tone is preferred. The Tone Selection Table (at right) documents which T1, T2, T3 or T4 terminals should be connected to the TONE SELECT (COMMON).

Example: If you want a 333 Hz tone with three repeated pulses, you would wire the TONE SELECT (COMMON) terminal to T1 and T3.

The smaller terminal strip (on the right) is where the Hot, Neutral and Ground power inputs are to be connected. These should be connected with no electrical power supplied and following all local and national electrical codes.

Tone Selection Table				
Tone Description	T1	T2	T3	T4
333 HZ Tone	■			
333 HZ Tone - 2 Pulses	■	■		
333 HZ Tone - 3 Pulses	■		■	
Chime		■		
Whoop			■	
700 HZ Tone				■
700 HZ Tone - 2 Pulses		■		■
700 HZ Tone - 3 Pulses			■	■
■ Indicates closed contacts on T1 through T4. Close multiple contacts to select desired sound.				

Use with the SiteSync IQ® System Controllers

By scheduling events on the SiteSync IQ system controller, the pre-selected tones on the tone generator will be wirelessly activated at the scheduled event times. Refer to the SiteSync IQ Installation Manual for instructions on setting schedules.

■ **Note:** See the SiteSync IQ Wireless Installation Manual before installation. Also, verify that the system controller you have has the bell circuit option.

For additional support on product setup, on the tone generator or on any of the American Time products, please call or visit our web site.

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PO Box 707
Dassel, MN 55325-0707

Phone: **800-328-8996**
Fax: **800-789-1882**
atsclock.com

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