

# ENFORCER®

## Special-Use Long-Range RF Transmitters

HL-951T1-SWQ (917MHz)

HL-951T1-SDQ (917MHz)



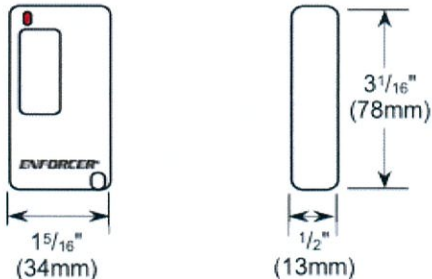
HL-951T1-SDQ shown



## Specifications

Model	HL-951T1-SWQ	HL-951T1-SDQ
Type	Wired RF Transmitter	DIP-Switch programmed (254 possible codes)
Wiring	Switch	Two 6" N.O. wires
	Power	Two 6" wires
	Battery	3VDC battery (CR-2032, included)
Power	External	4.5~13 VDC regulated adapter
		n/a
RF Frequency	917MHz	
# of Buttons	1	
Channels	1	
Dimensions	3 1/16" x 1 5/16" x 1/2" (78x34x13 mm)	

## Dimensions

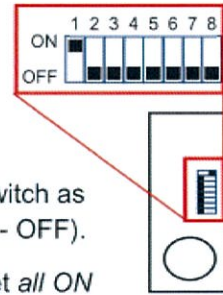


- Includes one 3VDC lithium battery (CR-2032)
- HL-951T1-SWQ may also be powered by an external 4.5~13 VDC output regulated adapter (not included)
- Frequency – 917MHz
- Operating range up to 1,800ft (550m)\*
- LED transmission and low-battery indicator
- Compact size
- Compatible with all SECO-LARM HL-series receivers of the same frequency
- Also available without logo –  
HL-951T1-SWUQ – 917MHz, Wired  
HL-951T1-SDUQ – 917MHz, DIP-Switch

\*Actual range will vary depending on the installation and operating environment

## DIP Switch Coding

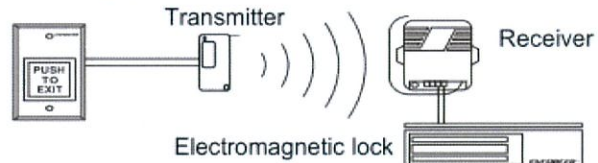
1. The HL-951T1-SDQ can be programmed to one of 254 unique codes using an 8-pin DIP switch (see PCB diagram and detail right).
2. Open the case and set the switch as desired (default, 1 - ON, 2~8 - OFF).



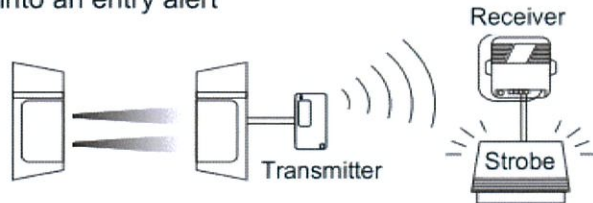
**NOTE:** DIP switch cannot be set *all ON* or *all OFF*.

## Sample Applications

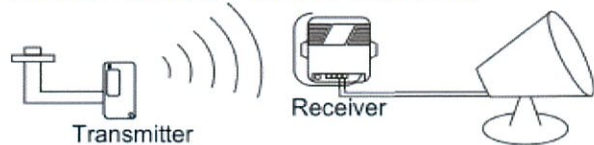
Make any push-to-exit plate wireless



Convert photobeam sensors with dry contacts into an entry alert



Wireless doorbell / service call button



**SECO-LARM®**

## Installation

### Power Connection

The HL-951T1-SWQ can be powered by the factory preinstalled 3VDC lithium battery (CR-2032) or by an external 4.5~13VDC output regulated adapter (not included).

When using an external power adapter with the HL-951T1-SWQ, correct polarity is imperative. Connect the transmitter's red wire to the adapter's positive output and the black wire to the adapter's negative output.

#### NOTES:

- The power input range of the wired transmitter is 4.5~13VDC and is polarity sensitive. Connecting more than 13VDC or reversing the polarity will burn out the unit and void the warranty.
- Use only "regulated" adapters to power the wired transmitter.
- If using an external power adapter, the factory-installed lithium CR-2032 battery will serve as a backup in case of power interruption (Battery must be removed for external inline power-on switch).
- The LED indicator will flash slowly to indicate a low battery.
- If connected to an external power-on switch, it is suggested that you remove the battery to disable the built-in button so that it can only be controlled by the power-on switch (see Fig. 2).

### Code Learning a New Transmitter Button:

1. Enter programming mode and select the desired channel as described on pg. 1.
2. While the LED is flashing, press the desired transmitter button to be learned one time. The three horizontal bars of the receiver's LED indicator will flash two times to indicate the transmitter button has been successfully learned and will automatically exit learning mode. To learn further codes, re-enter programming mode and repeat.

#### NOTES:

- Do not press the selection button again after entering programming mode as this will take you to output mode programming.
- The indicator LED will flash a maximum of 15 seconds. If no transmitter button is pressed during this time, the receiver will exit code programming mode, and the LED will turn off.
- If the code has already been learned, the indicator LED will slowly flash two dashes. The code will not be learned a second time.
- One channel can learn the codes of a maximum of 99 transmitter buttons. If you attempt to learn an additional transmitter code, the earliest code learned will be deleted and the new code will be learned.

### External Switch Connection

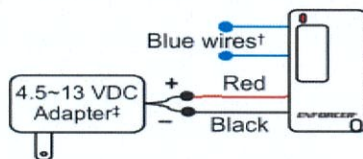
The wired transmitter can be controlled by its built-in button (see Fig. 1), by an external N.O. switch\* only (button, contact, or sensor, see Fig. 2), or by both (Fig. 3). To disable the built-in button, the external switch must be installed inline to the positive terminal of the power source with the battery removed.

#### NOTES:

- Any wires not in use must be insulated to avoid a short-circuit.
- Do not let the red wire touch any other wire. Doing so may burn out the transmitter.
- For the HL-951T1-SDQ, the DIP switches cannot be set to *all ON* or *all OFF*.

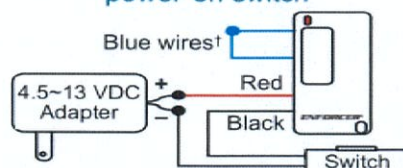
\*Switch not included

Fig. 1 Built-in button



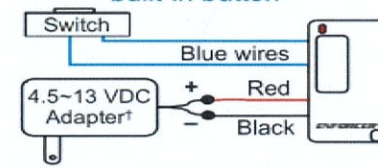
†Insulate unused wires  
‡AC Adapter optional

Fig. 2 External inline power-on switch



†Connect the blue wires. The battery must be removed in this situation.

Fig. 3 External switch and built-in button



†AC Adapter optional. If not used, insulate red and black wires.

#### FCC COMPLIANCE STATEMENT (HL-951T1-SWQ / HL-951T1-SDQ)

This device complies with part 15 of the FCC rules. operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

California Proposition 65 Warning: These products may contain chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**WARRANTY:** This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for one (1) year from the date of sale to the original customer. SECO-LARM's obligation is limited to the repair or replacement of any defective part if the unit is returned, transportation prepaid, to SECO-LARM. This Warranty is void if damage is caused by or attributed to acts of God, physical or electrical misuse or abuse, neglect, repair or alteration, improper or abnormal usage, or faulty installation, or if for any other reason SECO-LARM determines that such equipment is not operating properly as a result of causes other than defects in material and workmanship. The sole obligation of SECO-LARM and the purchaser's exclusive remedy, shall be limited to the replacement or repair only, at SECO-LARM's option. In no event shall SECO-LARM be liable for any special, collateral, incidental, or consequential personal or property damage of any kind to the purchaser or anyone else.

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