

300/390 MHz TRANSMITTERS & RECEIVERS USER'S GUIDE

ANALOG 300 MHz & DIGITAL 390 MHz

1 Description

BEA's line of analog and digital transmitters and receivers allow reliable wireless activation of any automatic door, in a variety of applications. The transmitters come as either handheld units or pushplate ready units, which are easily integrated into BEA's line of pushplates.

STYLE		300 MHz (Analog)	390 MHz (Digital)
HANDHELD	STANDARD	10T300HH	10TD390HH
	2-BUTTON	10T300HHDBL	-----
	4-BUTTON	10T300HH4	-----
	KEYCHAIN	10T300KEYCHAIN	10TD390KEYCHAIN
PUSHPLATE	MINI	10T300MINIPB	10TD390MINIPB 10TD390WC
	STANDARD	10T300PB	10TD390PB
RECEIVER	STANDARD	10R300	10RD390



ANALOG - 300 MHz



DIGITAL - 390 MHz

2 Precautions

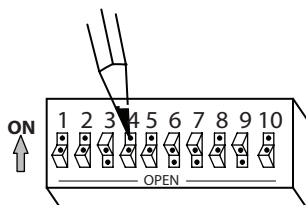


- ☐ Shut off all power before attempting any wiring procedures.
- ☐ Maintain a clean & safe environment when working in public areas.
- ☐ Constantly be aware of pedestrian traffic around the area.
- ☐ Always stop pedestrian traffic through the doorway when performing tests that may result in unexpected reactions by the door.
- ☐ ESD electrostatic discharge: Circuit boards are vulnerable to damage by electrostatic discharge. Before handling any board ensure you dissipate your body's charge.
- ☐ Always check placement of all wiring before powering up to insure that moving door parts will not catch any wires and cause damage to equipment.
- ☐ If applicable, ensure compliance with all applicable safety standards (i.e. ANSI A156.10/19) upon completion of installation.
- ☐ DO NOT attempt any internal repair of the device. All repairs and/or component replacements must be performed by BEA, Inc. Unauthorized disassembly or repair:
 1. May jeopardize personal safety and may expose one to the risk of electrical shock.
 2. May adversely affect the safe and reliable performance of the product will result in a voided product warranty.

3 Receiver Setup

ANALOG RECEIVERS (300 MHz)

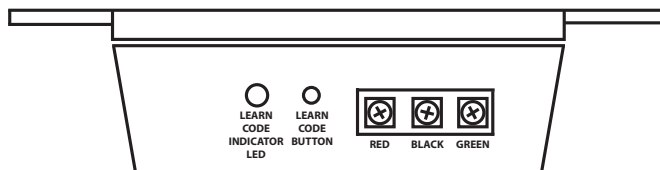
1. Manually set access codes using the dipswitches on receiver.



- A. Use a pencil or similar object to set the code on the transmitter and receiver.
 - B. Once the Receiver is installed, activate the transmitter to check the code. Depending on the application, make sure that no other receivers are set to the same code.
 - C. For multiple button transmitters, each of the dipswitch blocks on the receiver must be set to different codes.
2. Install receiver inside or outside of header ensuring the unit will not be exposed to the elements.
 3. If applicable, drill a discrete 1/8" dia. hole in the header to route the receiver's antenna.

DIGITAL RECEIVERS (390 MHz)

1. Locate the Learn Code Button and Learn Code Indicator LED on the side of receiver (see below).
2. Press and release the Learn Code Button. The indicator light will blink approximately 2 times per second.
3. Press the button on the transmitter once within 30 seconds. The indicator light will stay lit and not blink.
4. Press the same transmitter button within the 30 seconds. The indicator light will go out. Up to 7 transmitters may be programmed to one receiver.

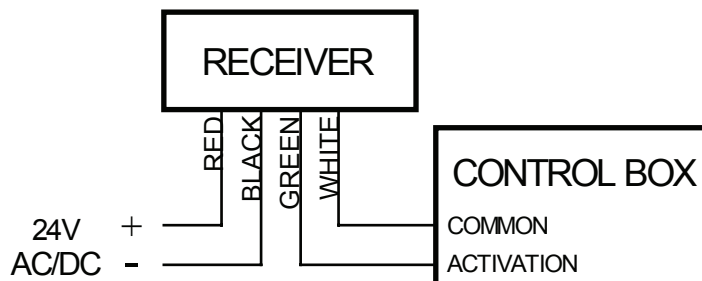


NOTE: If the second transmitter code is not pushed within 30 seconds, the indicator light will blink approximately 4 times per second, then programming will stop. If this happens, repeat steps 1-4.

NOTE: To erase all codes, press and hold the Learn Code Button for 10 seconds or until the indicator light goes out.

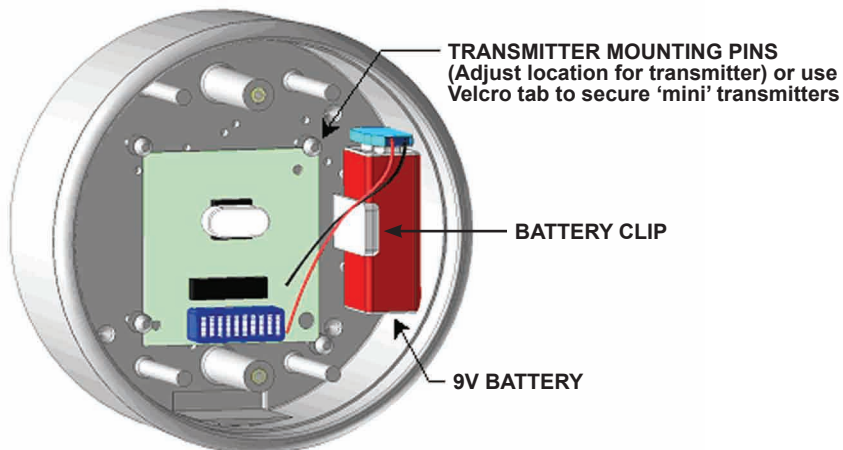
4 Wiring

1. Wire the receiver according to the following schematic:



5 Transmitter Setup

For Pushplate applications, the transmitter may be neatly installed in most electrical boxes using the enclosed Velcro pads. For installations using BEA's line of Plastic Pushplate Boxes (e.g. 10BOX45RND5M), use the holes on the inside of the box and pins to hold the circuit board.



6 Battery Replacement

If the transmitter fails to operate, or the indicator light on the transmitter does not glow brightly, replace the transmitter's batteries. Depending on the model, the battery is one of the following:



7 Company Contact



Do not leave problems unresolved. If a satisfactory solution cannot be achieved after troubleshooting a problem, please call BEA, Inc. If you must wait for the following workday to call BEA, leave the door inoperable until satisfactory repairs can be made. Never sacrifice the safe operation of the automatic door or gate for an incomplete solution.

Our Service Technicians can be called 24 hours a day, 7 days a week. For more information visit www.beasensors.com.

Canada & Texas: 1-866-836-1863

Central: 1-800-407-4545

West: 1-888-419-2564

East: 1-866-249-7937