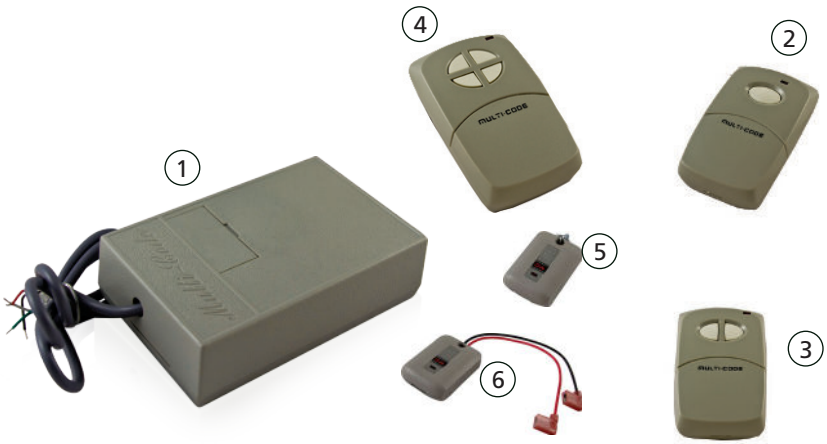
300 MHZ FAMILY

300 MHz Wireless
Transmitters & Receivers

(US version)

DESCRIPTION



1. RECEIVER
2. HANDHELD TRANSMITTER (one-button)
3. HANDHELD TRANSMITTER (two-button)
4. HANDHELD TRANSMITTER (four-button)
5. KEYCHAIN TRANSMITTER (one-button)
6. WIRED, MINI-TRANSMITTER (one-button)

READ BEFORE BEGINNING INSTALLATION/PROGRAMMING/SET-UP

CAUTION

- ❑ Shut off all power going to header before attempting any wiring procedures.
- ❑ Maintain a clean and safe environment when working in public areas.
- ❑ Constantly be aware of pedestrian traffic around the door area.
- ❑ Always stop pedestrian traffic through the doorway when performing tests that may result in unexpected reactions by the door.
- ❑ Always check placement of all wiring before powering up to ensure that moving door parts will not catch any wires and cause damage to equipment.
- ❑ Ensure compliance with all applicable safety standards (i.e. ANSI A156.10) upon completion of installation.

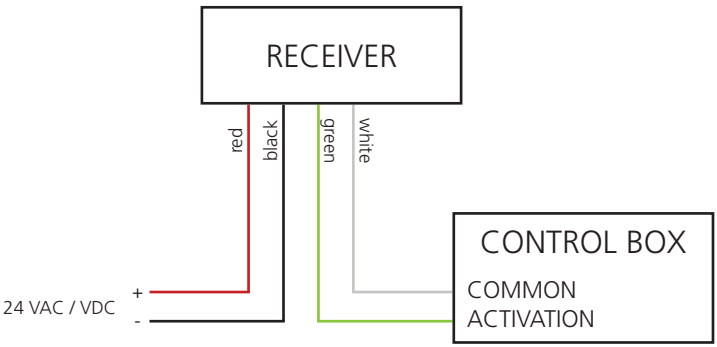
MOUNTING & WIRING RECEIVER

1) MOUNT THE RECEIVER

*Receivers may be mounted **outside** of the header or concealed **inside**.*

*If mounting **inside** the header, you must drill a ⅛" hole in the top of the header and route the antenna through the hole. This will improve the receiver's detection range.*

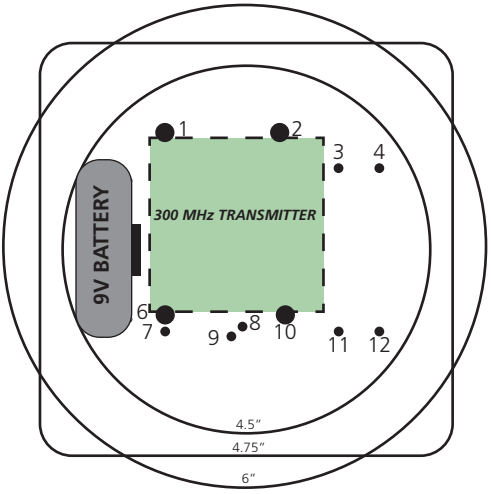
2) WIRE THE RECEIVER



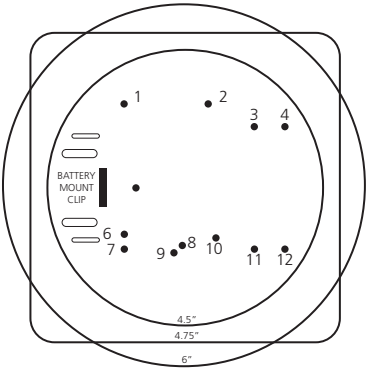
MOUNTING & WIRING TRANSMITTER

See page one for types of transmitters that may be used.

Insert the battery mounting clip into the designated slot.



Typical push plate box with approximate layout of holes designed for mounting variety of transmitter circuit boards:



Use holes 1, 2, 6, and 10. Holes 1 and 2 are pin locations for BEA transmitters. Use other holes as necessary for other sizes of transmitters.

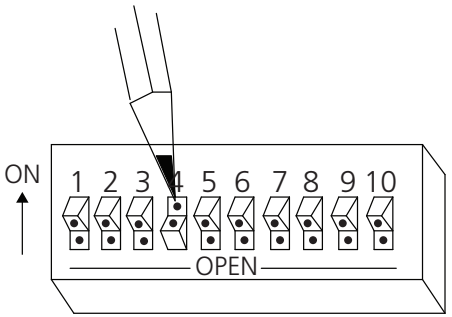
You must use at least 3 pins for secure mounting.

SETTING ACCESS CODE

DIP switch settings on both receiver and transmitter must match to allow signal reception.

Press the switch toward the number to set it. A ballpoint pen or similar object may be used to set switches.

DUAL TRANSMITTERS: Each set (receiver + transmitter) must be set to different codes to avoid confusion in signal reception.



TECHNICAL SPECIFICATIONS

Frequency:	300 MHz
Radio Control Type:	Analog
Input Voltage:	24 VAC / VDC
Operating Temperature:	14 – 131 °F
Set-up:	10 DIP switch access code programming
Power:	one 9V or 12V battery
Norm Conformance:	CE, FCC, IC
Receiver Dimensions:	
without flange:	4.9 in (L) x 3.2 in (W) x 1.4 in (H)
with flange:	5.4 in (L) x 3.2 in (W) x 1.4 in (H)

Specifications are subject to change without prior notice.
All values measured in specific conditions.

BEA, INC. INSTALLATION/SERVICE COMPLIANCE EXPECTATIONS

BEA, Inc., the sensor manufacturer, cannot be held responsible for incorrect installations or incorrect adjustments of the sensor/device; therefore, BEA, Inc. does not guarantee any use of the sensor/device outside of its intended purpose.

BEA, Inc. strongly recommends that installation and service technicians be AAADM-certified for pedestrian doors, IDA-certified for doors/gates, and factory-trained for the type of door/gate system.

Installers and service personnel are responsible for executing a risk assessment following each installation/service performed, ensuring that the sensor/device system performance is compliant with local, national, and international regulations, codes, and standards.

Once installation or service work is complete, a safety inspection of the door/gate shall be performed per the door/gate manufacturer's recommendations and/or per AAADM/ANSI/DASMA guidelines (where applicable) for best industry practices. Safety inspections must be performed during each service call – examples of these safety inspections can be found on an AAADM safety information label (e.g. ANSI/DASMA 102, ANSI/DASMA 107, UL294, UL325, and International Building Code).

Verify that all appropriate industry signage, warning labels, and placards are in place.

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