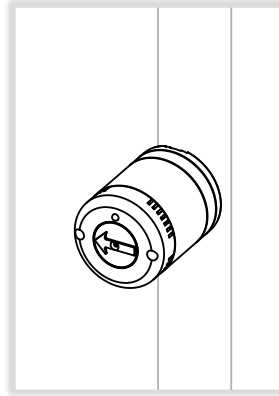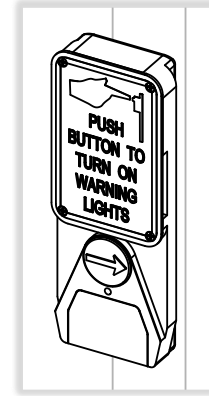carmanah®
MX Series

**Polara
iNX or iDX**

**Campbell
Guardian Mini**

**Campbell
Guardian or Guardian Wave**

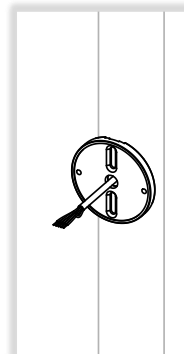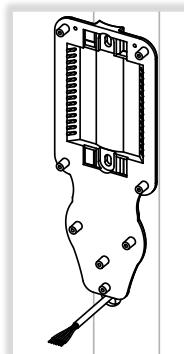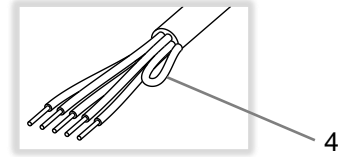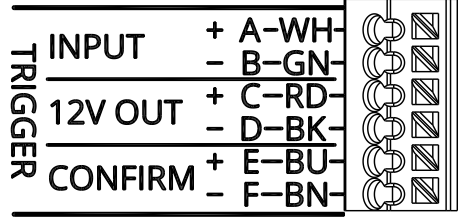| NOTE	ADA regulations specify that button should be 42" from the ground.
NOTE	Refer to button manufacturer's documentation for additional setup and configuration information. **Polara iNX/iDX buttons will require the Polara Field Service App to change the default password ("1234")**. LED Flash Behavior setting for iNX/iDX buttons should be set to Rapid Flash, or Simple On/Off, to match your application.
NOTE	Two or fewer parallel-connected buttons recommended per module trigger input.
NOTE	Contact Carmanah for guidance on installing audible push buttons not listed in this guide.
NOTE	Do not mix Campbell and Polara buttons together.
NOTE	Do not mix Campbell and a passive pedestrian sensor together. Voice message on push button may not play if triggered by the pedestrian sensor.

1. Prepare pole and install button base per button manufacturer's instructions.
2. Ensure cable entry hole is deburred and button base sits flush against pole.
3. Fish cable through pole and button base.

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4. **Campbell buttons only**: fold and tape (or cut at end of jacket if permitted by local regulations) unused brown wire at both end of cable.
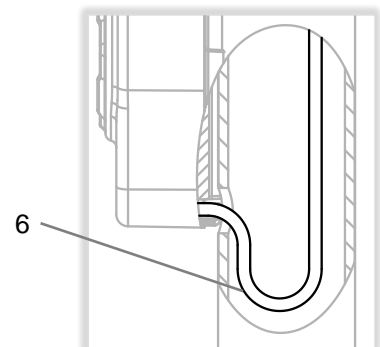5. Connect wires to button terminal as shown in table below.

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Terminal Reference	Power or Flasher Module Terminal Function	Wire Color
A	Input +	White
B	Input −	Green
C	12V OUT +	Red
D	12V OUT −	Black
E	CONFIRM +	Blue
F	CONFIRM −	Brown

INPUT + A−WH−
− B−GN−
TRIGGER 12V OUT + C−RD−
− D−BK−
CONFIRM + E−BU−
− F−BN−

	Polara iNX / iDX						Campbell Guardian / Guardian Wave					Campbell Mini					
Term. Ref.	E	F	A	B	C	D	-	E	D	C	B	A	A	B	C	D	E	-
Button Terminal Function	LIGHTS (not polarized)		BUTTON (not polarized)		PWR	GND	Not used	W (Walk)	−GND	+12VDC	(FT) - Field Terminal (not polarized)		(FT) - Field Terminal (not polarized)		+12VDC	−GND	W (Walk)	Not used

6. Install button or cover with its supplied hardware, ensuring any gaskets are in place and cable forms drip loop inside pole.
7. Connect other end of cable to trigger input terminals A through F of any power or flasher module according to table above.
8. Strain relieve cable per power or flasher module instructions.

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NOTE Ensure tactile arrow on button is aligned with crossing direction.

NOTE: READ ALL INCLUDED INSTALL GUIDES BEFORE SYSTEM INSTALLATION