



## Installation Instructions: Outdoor Range Extender

Follow the steps below for installing the Autani Outdoor Range Extender.

1. Remove the front cover and secure the outdoor enclosure to the desired mounting location using the 4 screws (not provided). The outdoor enclosure should be mounted with the pressure compensation element and conduit knockout facing **downward**.

**Note:** If using the 'Large' enclosure with the power supply included, the installer will need to prepare a knockout on the same side of the enclosure as the pressure compensation element before securing the enclosure to the desired mounting location.

2. Bring power into the enclosure through the knockout at the bottom of the enclosure. The power source wires must be run using a **dedicated conduit** and properly weather sealed.
3. Wire the power source as per the table below using the provided **outdoor-rated wire nuts**. Autani offers both a 'Small' enclosure version without power supply (24V powered) and a 'Large' enclosure version with power supply included 100-240VAC powered). Follow the wiring as shown below for the type of power source required.

'Small' Enclosure Outdoor Range Extender 24V Wiring Connections	
Autani Extender	Power Source
Common (Black)	24V Common
24V (Red)	24V

- Requires a 24V power source run through dedicated non-metallic conduit.
- Must mount box with conduit opening and condensation element at bottom.

<b>'Large' Enclosure Outdoor Range Extender 100-240 VAC Wiring Connections</b>	
<b>Power Supply</b>	<b>Power Source</b>
ACN (Blue)	100-240 VAC Neutral
ACL (Brown)	100-240 VAC Line

- Requires a 100-240VAC power source run through dedicated non-metallic conduit.
  - Must mount box with condensation element at bottom.
  - Installer will need to add a hole to bottom for conduit.
4. Form a loop in the wires inside the enclosure to prevent moisture from following the wires into the Outdoor Range Extender device.
  5. Secure the faceplate of the enclosure using the 4 screws provided.
  6. Use outdoor caulking/sealant as needed to seal the conduit connection to the enclosure.



(Small Enclosure – No PS)



(Large Enclosure – w/PS)

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