



Quick-Start Instructions

Install the Wireless Interface

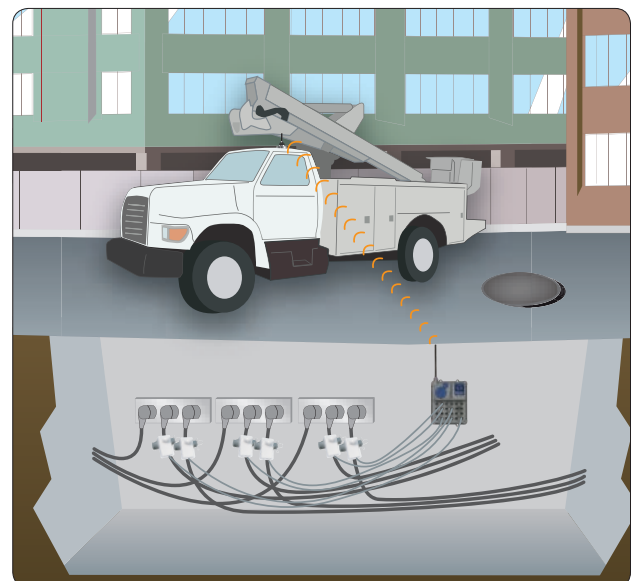
1. Select a location for the Wireless Interface that provides access to all faulted circuit indicator (FCI) magnetic probes.
2. Securely mount the Wireless Interface using four ¼ inch-diameter fasteners (not included) designed for your installation surface.
3. Install each fault indicator on the monitored cable following the instructions included in each fault indicator's box.
4. Insert the magnetic probe into the Wireless Interface port corresponding to the Phase and Way you want the FCI to represent.
5. Rotate the ID dial to one of the eight detent positions. The ID on the dial correlates to the Wireless Interface ID LEDs on the Remote Fault Reader.
6. Turn the PWR dial arrow to the PWR position to turn on the Wireless Interface.



Test the Wireless Interface

1. Press the **Power** button located in the upper left-hand corner of the Remote Fault Reader to turn it on.
2. Press the **Scan** button on the Remote Fault Reader and verify that its display of the ID and magnetic probes matches the Wireless Interface.
3. After confirming that the Remote Fault Reader displays the correct ID and fault indicator information, exit the vault and verify that the communications range of the Wireless Interface is adequate. (Always close the vault during this step.)

Note: For more information about testing and installing the Wireless Interface, please refer to the RadioRANGER Instruction Manual.



Begin Fault Finding

Use the Remote Fault Reader to obtain the status of fault indicators connected to the Wireless Interface units. The Remote Fault Reader LED Indication table below explains the meaning of the LEDs and their flash patterns.

1. Press the **Power** button located in the upper left-hand corner of the Remote Fault Reader.
2. Press the **Scan** button to initiate a scan for Wireless Interfaces within range of the Remote Fault Reader.
3. Check the Wireless Interface ID area of the Remote Fault Reader display. An active Wireless Interface flashes yellow. Its FCI status is depicted in the Fault Indication area of the Remote Fault Reader.
4. Use the **Next** button to cycle through and display the status of fault indicators connected to Wireless Interfaces within range.



Remote Fault Reader

Remote Fault Reader LED Indication

LED Label	Color	Representation
Power	Green	Good Remote Fault Reader battery
	Yellow	Weak Remote Fault Reader battery
	Red (flashing)	Self-test error
Interface (corresponds to "Active" Wireless Interface ID)	Green	Wireless Interface in service < 12 years
	Yellow	Wireless Interface in service > 12 years
	Red (flashing)	Wireless Interface imminent battery failure
Wireless Interface ID	Yellow (short pulse)	Scan in progress, no response received
	Yellow (flashing)	"Active" Wireless Interface ID
	Red (solid)	Indicates communication with a Wireless Interface connected to at least one tripped FCI
Fault Indication (Ways 1, 2, 3, and 4 and Phases A, B, and C)	Green (solid)	Indicates communication with a Wireless Interface connected to no tripped FCIs
	Red (flashing)	FCI connected to the Wireless Interface is faulted
	Green (solid)	FCI connected to the Wireless Interface is not faulted
	Off	No magnetic probe is connected to the Wireless Interface

Note: For complete operating instructions and product specifications, please see the RadioRANGER Instruction Manual.



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