

PN: 865-1170

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DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

This Quick Setup Guide is in addition to, and incorporates by reference, the relevant product manuals for each product in the Conext family of power devices. Before reviewing this Quick Setup Guide you must read the relevant product manuals. Unless specified, information on safety, specifications, installation, and operation is as shown in the primary documentation received with the product. Ensure you are familiar with that information before proceeding.

Failure to follow these instructions will result in death or serious injury.

Overview

The Conext Response adapter is an interface “dongle” which translates a signal provided by the utility, defined as **DRM0**. The adapter contains active circuitry which draws a very small amount of power from the **AUX** connector port on the XW+ unit. No external power adapter or power source is required.

The adapter provides a compliant interface between the XW+ and the utility signal **DRM0**. It listens for a **DRM0** signal from the utility through an RJ-45 network cable.

Check with your local electricity utility or electrical inspector whether **DRM0** is required at your installation. It interfaces with the XW+ unit via a connection to the **AUX** port.

NOTE: This feature is only available in Australia and New Zealand. Special XW+ firmware (for Australia and New Zealand) must be programmed so that the XW+ can correctly interpret the signals from **DRM0** via Conext Response. This feature also disables the remote power off function (RPO) when the new special XW+ firmware is installed. RPO is replaced with **DRM0** inverter functionality.

How It Works

When **DRM0** is active, the XW+ will respond by immediately disconnecting from the grid (by opening its grid transfer relay) and it will transfer to standalone invert mode. The XW+ will remain in standalone invert mode as long as **DRM0** signal remains enabled.

When the **DRM0** is disabled (de-asserted by the utility), the XW+ will resume full grid-tie capabilities and will qualify and transfer to grid, if the AC mains voltage on the AC1 input is within operating range for voltage and frequency.

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What You Need

- XW+ inverter
- Conext Response adapter (included in this package)
- Auxiliary cable (included in this package)
- RJ-45 network cable (acquire separately) or
- DRED Bypass Device (included in this package)

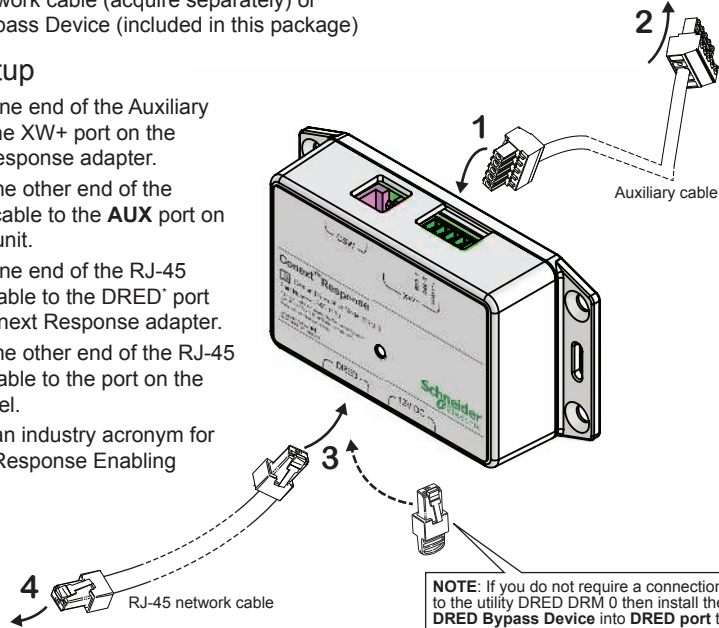
Mount Conext Response in a location that can be accessed by the utility when connecting to the DRED DRM 0.



Quick Setup

1. Connect one end of the Auxiliary cable to the XW+ port on the Conext Response adapter.
2. Connect the other end of the Auxiliary cable to the **AUX** port on the XW+ unit.
3. Connect one end of the RJ-45 network cable to the DRED* port on the Conext Response adapter.
4. Connect the other end of the RJ-45 network cable to the port on the Utility panel.

* DRED is an industry acronym for Demand Response Enabling Device



NOTE: If you do not require a connection to the utility DRED DRM 0 then install the **DRED Bypass Device** into **DRED** port to allow the XW+ inverter to operate.