1 Fast Track Guide

Getting Redback Up and Running

Connect a power supply

The **Redback** dimmer must be fed from a suitably rated and protected power source.

In three phase installations the supply wiring and overload protection should be suitable for loads of up to 40 Amps per phase for 12 channel dimmers and 20 Amps per phase for 6 channel dimmers. The supply must be in "wye" or "star" configuration with a neutral connection rated for currents up to 75 Amps for 12 channel dimmers and 35 Amps for 6 channel dimmers.
When configured for three phase operation, the ~1 ~2 ~3 LEDs indicate suitable voltage and frequency being supplied to the dimmer. All three supply phases must be present for full operation of all dimmer channels.

In single phase installations the supply wiring and overload protection should be suitable for the maximum rating of the fitted input cable, but must not exceed 60 Amps for 12 channel dimmers and 35 Amps for 6 channel dimmers.
When configured for single phase operation, input supply cabling is bridged and all three power LEDs illuminate if the mains supply is available.
able.

Reset the system to default setup (optional)

Note: Resetting the **Redback** clears all scene memories, sets all parameters (addresses, fade curves, scenes, times, minimum and maximum levels, etc) back to their default values.

To reset **Redback**, hold down the (white) ↑ **Up** and **Down** ↓ arrow keys during power up.

Connect the DMX512 control data

DMX512 data is connected to the 5-pin DMX INPUT connector. If the RDM (ANSI E1) extensions to DMX512 are to be used to configure or control the **Redback**, all distribution devices between the controller and the **Redback** must support bi-directional RDM data.
If the **Redback** dimmer is the last device on a DMX signal chain, the DMX512 standard requires that a termination device must be plugged in to the DMX THRU socket.

Set the DMX512 address

Use the red **Menu Up** ▲ and **Menu Down** ▼ keys to scroll to the Address [ADDR] menu function.
This menu provides two methods for allocating the DMX address of the dimmers.

Direct Addressing
Direct DMX mode address allows the address of the first **Redback** dimmer to be set to any slot in the DMX universe where all dimmers can be allocated a valid address (Range 1-507 for 6 channel dimmers and 1-501 for 12 channel dimmers).

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In this screen:
The ← **Left** and **Right** → arrow keys switch between the Direct DMX Address and Bank Address modes
The ↑ **Up** and **Down** ↓ arrow keys increment and decrement the starting address.

Bank addressing
Bank mode allocates fixed blocks of addresses to the dimmers (see table in Main Operators Manual). Selecting bank 1 allocates DMX addresses 1-6 or 1-12 to the **Redback.** Selecting bank 2 allocates DMX addresses 7-12 or 13-24, etc.
(Range 1-85 for 6 channel dimmers or 1-42 for 12 channel dimmers).

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Connect the loads

Redback can smoothly dim loads ranging from 60 Watts to 2,400 Watts at 240 Volts, or 30 Watts to 1,100 Watts at 110 Volts (250 milliamps to 10 Amps).

Fade up the dimmers

Read the manual

The **Redback** can do just about anything that you will ever want from a compact digital dimmer, but you'll never know how to get the most from it if you don't read the manual.