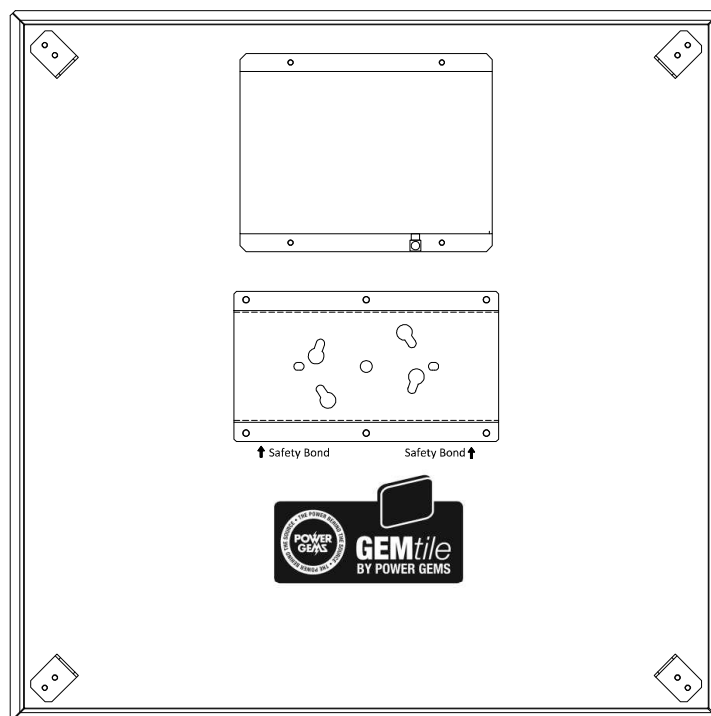




LP/TILE

LED ceiling tile

Operating Guide



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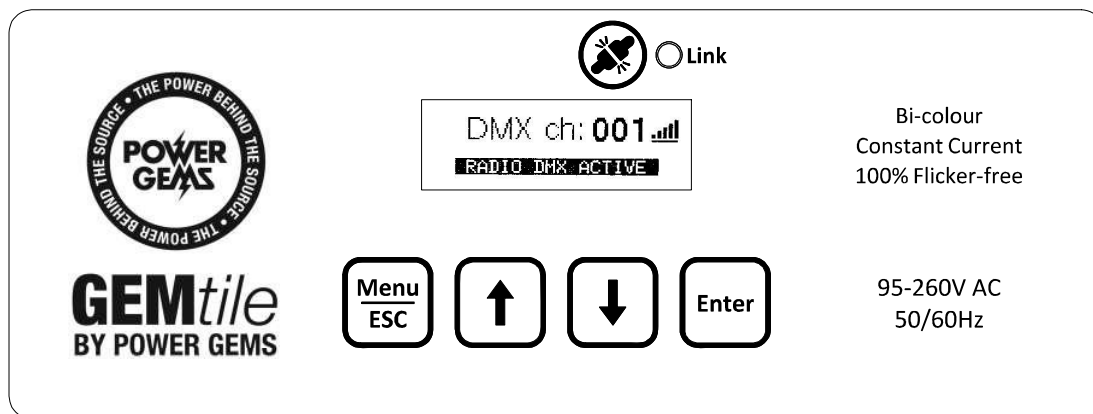
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Front Panel Controls



Quick Start

Connect to the AC supply, turn the switch on, connect to DMX and set desired level. The DMX input includes a built-in terminator so no connection is needed to the last socket on the link.

Power in

The Tile should be connected to an AC supply in the range 90-265V AC. The connector is a Neutrik powerCON TRUE1 TOP.

The Neutrik connectors allow power to be fed to a number of Tiles in a chain, however the maximum current must not exceed 16A.

The Earth wire (green/yellow) in the mains cable must be connected to the supply safety earth to ensure operator safety.

Settings

The current active input, signal strength and DMX address are shown in the display.

To change the DMX address use the Up/Down buttons, to save you must press Enter.

The Menu offers options for local control and configuration, use the Up/Down buttons to navigate, highlight an option and press Enter to select or Esc to go back without making a change.

Local control: Enable the output and set the colour temperature, this overrides any DMX signal while the menu is displayed. Local control is reset to off after a power cycle.

Radio DMX can be disabled to prevent it connecting to unwanted transmitters.

Display settings: The display backlight level and contrast can be set for best viewing conditions, there is also an auto-dim option to switch off the backlight when the controls are not in use.

DMX

The Tile can be operated from wired DMX, radio DMX or locally using the menu.

DMX uses two control channels, the displayed channel sets the output level (0-100%) and the next one is used to change the colour temperature from warm to cool to over the range 2700K to 6500K (0-100%). If the signal is lost the Tile will continue running.

If wired and wireless DMX are both present the Tile will use whichever was active first, if that signal disappears it will switch to the other one. If both signals are present at power up wired DMX will be used.

Radio DMX

The radio DMX uses the Lumen Radio CRMX system , the Link light shows the current status and the button can be used as follows:

Link LED	Status	Options
Off	Not linked to any transmitter	Press the connect button on the transmitter to link
Fast flash	Linked but transmitter off or out of range	To unlink press and hold the link button for >3 seconds
Periodic flash	Linked but no DMX	
On	Linked, active and receiving valid DMX	

When unlinked the radio DMX waits for any nearby transmitter to request a new link with it, if you do not wish the Tile to be controlled by radio DMX you must disable it in the settings menu to prevent unwanted connections.

The signal strength is shown in the right hand corner of the display, if the radio DMX has been disabled an X is shown instead.

RDM

The Tile can be remotely configured using RDM over DMX, each one has a unique identification number (UID) made up of Power Gems' manufacturer ID of 0876 and a serial number beginning with ::6A.

RDM allows the DMX address to be set remotely from the control desk, selecting 'identify' will cause the output to flash on and off in response. It's possible to set a label to help identify each one, by default this is PGL TILE.

