LED Technologies
Creative LED & Effect Technology for the Trade Professional

LEDTech LED RGB DMX Controller / Zoner



Product Code:	100.258
Product Type:	DMX Controller / Zoner
Guarantee Period:	1 year
Power Consumption:	200W
Input voltage:	DC12~24V
Output:	4 channels
Size:	190 x 120 x 45mm
Compatibility:	Master/Slave Operation
Static power consumption:	<1W
Output current:	Each channel 4A (max 6A)
Output power:	Up to 72W per channel
DMX512 Standard:	DMX 512 Controllable & Linkable (3-pin XLR)

The LED controller will power and control either 12V or 24V LED lighting units up to a maximum of 72W per channel. It is designed to control up to 4 x 5m lengths of 14.4W/metre RGB Flex or 4 x 600x600 RGB Light Panels.

Power Supply: Connect to a suitable 12V or 24V PSU with a minimum output of 300W. The LED Technologies 350W PSU is recommended for optimal performance.

Load Restrictions: Do not connect more than a total of 5m of ProFlex or 4 x RGB Light Panels to each channel. If additional LED units are required, an RGB Amplifier and separate PSUs must be used.

Connections: Daisy-chain multiple Zoners together for DMX using a suitable DMX lead fitted with 3-pin XLR connectors.

Direction for use:
Apply power to the Zoner and set up the LED digital display to one of the following modes to determine control functionality:

DMX Mode 1 (Built-In Programmes): Press the MODE button until 34 DMX Receiver 1 MODE SET UP DOWN is displayed. Press SET, then use the UP & DOWN buttons to set the DMX Address. Operating channel one on a connected DMX desk selects the required built-in programme.

DMX Mode 2 (Unified RGB Control): Press the MODE button until 35 DMX Receiver 2 MODE SET UP DOWN is displayed. Press SET, then UP & DOWN to set the DMX Address. Using channels 1, 2 & 3 on a DMX desk controls all four RGB outputs together.

DMX Mode 3 (Four Channel Zoning): Press the MODE button until 36 DMX Receiver 3 MODE SET UP DOWN is displayed. Press SET, then UP & DOWN to set the DMX Address. Connect a 12-channel DMX controller to create four separately adjustable zones (Channels 1-3 control Zone 1, 4-6 control Zone 2, 7-9 control Zone 3, and 10-12 control Zone 4).

Notes:

- Power Requirements: Requires a suitable 12V or 24V power supply with a minimum output of 300W. The LED Technologies 350W PSU is recommended for best results.
- Load Limits: Do not connect more than a total of 5m of ProFlex or 4 x RGB Light Panels to each channel. If additional units are required, an RGB Amplifier and separate PSUs must be used.
- Zoning: If zoning is required, connect a standard DMX 512 controller with a minimum of 12 channels. Multiple Zoners can be daisy-chained together using a 3-pin XLR DMX lead.

We reserve the right to change specifications without notice. E&OE

If you require Technical support or for general enquiries, please do not hesitate to contact one of our LED Technical experts on the contact information provided.

Telephone: 01260 540014
Opening times: Mon-Thur: 8:30am - 5:00pm
Fri: 8:30am - 4:30pm
www.ledtechnologies.co.uk

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Stand Alone Built-in Programmes
When not utilising a DMX desk, programmes can be selected using the interface. Press the MODE button; the first two digits display the programme number (01 to 33). Press UP & DOWN to cycle through:

Programmes 01 to 07: Static Colours

Programme 08: 7-colour chase sequence including white

Programme 09: 6-colour chase sequence no white

Programme 10: 7-colour flash sequence including white

Programmes 11-14: Various combinations of colour chases from RG to RGB

Programmes 15-18: Various combinations of colour flashes from RG to RGB

Programme 19: RGB smooth mixes

Programmes 20-22: Various two-colour smooth mixes

Programmes 23-29: Various twin and single colour pulse fade to black mixes

Programme 30: Red Dimming

Programme 31: Green Dimming

Programme 32: Blue Dimming

Programme 33: RGB Colour Mixing

Adjustments & Wireless Remote Control
Where a programme's speed or brightness is adjustable, the option of "SET" will be shown on the LED display. Press SET followed by the UP/DOWN buttons to adjust the speed or brightness of the selected programme.

The included wireless remote control transmitter can also operate these functions (ensure the aerial is extended):

Button A: Scroll up through the programmes

Button D: Scroll down through the programmes

Button B: Increase speed or brightness

Button C: Decrease speed or brightness

Pressing A or D at any point returns the remote to programme selection.

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