CONTROLLER SPECIFICATION

Product name	SHOWLED CONBOX
Product code	OP-500-CONBO

INTRODUCTION

ShowLED Classic and Chameleon star curtains now share the same controller.

With 8 output channels, a controller runs a maximum of 512 Classic monochrome LEDs or 256 RGB LEDs. With a standard density of around 6 LEDs per sqm (randomly placed), one controller can run a starcloth surface of up to 100 sqm for the Classic LEDs or 50 sqm for the RGB version.
By linking several controllers in master-slave configuration, multiple panels can become one extended setup.

On stand-alone mode, choose from twinkling effects, chase patterns, strobe effects, or see your options extended to controlling the full colour spectrum once linked to RGB LEDs.
The controller offers an effects memory to save your preferred settings. The dedicated controller is DMX compatible and offers two DMX modes; control of preset chases including minimum and maximum intensity, chase speed, and pattern behavior; or full dimmer control of each individual output channel.

PRODUCT SPECIFIC PROPERTIES

8 OUTPUT CHANNELS (X RGB ON CHAMELEON MODE)
STAND ALONE MODE WITH CHASE PATTERNS
DMX COMPATIBLE – FULL RANGE ADDRESSING
INTERACTIVE OPERATOR CONSOLE
12 BIT DIMMER CURVE (SMALLEST STEP IN DIMMING IS 1/4096
LED CONFIGURATION WITH INDICATOR LEDS
LED OUTPUTS PROTECTED AGAINST SHORT CIRCUIT
POWERS 512 CLASSIC OR 256 CHAMELEON LEDS
RDM READY
SOFTWARE UPGRADES POSSIBLE VIA SD CARD
CLIP-ON LED STRING CONNECTORS
16PCS 3M OUTPUT CONNECTOR
DIMENSIONS: 140 X 135 X 43 MM
WEIGHT: 455G
90-250 VAC / 60WATT INPUT

CONTROL AND OUTPUT CHARACTERISTICS

One or three DMX channels, depending on the control mode, control each output channel.
One channel for Classic mode, controlling the dim value of the single color led. Three channels for Chameleon mode, each controlling the dim value of the individual color. (R, G and B)

One DMX channel has by design an 8-bit resolution. Each color channel is internally converted to a resolution of 12-bit by a predefined curve.

CLASSIC MODE	DMX INPUT	LIGHT OUTPUT
DIM VALUE	8 BIT	12 BIT

CHAMELEON MODE	DMX INPUT	LIGHT OUTPUT
RED DIM VALUE	8 BIT	12 BIT
GREEN DIM VALUE	8 BIT	12 BIT
BLUE DIM VALUE	8 BIT	12 BIT

POWER INDICATOR
MENU BUTTONS
LCD SCREEN
PREVIEW LEDS
AIR VENTS
diagonal airflow
DO NOT COVER

DMX-IN
DMX-OUT
POWER INPUT
16 CONNECTORS
8 channels
2 per channel
SD CARD SLOT
firmware updates

SHOWLED
CREATIVE LED SOLUTIONS

* PATENT PENDING

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