e:cue
LIGHTING CONTROL

Butler S2

e:cue Engines

e:cue engines are the perfect platform for building dynamic, effective and reliable lighting applications. These engines are the functional backbone of lighting installations controlling fixtures, interacting with user terminals and executing shows. e:cue engines are built for steadiness, long-term use and flexibility. They are feature-rich and benefit from many years pioneering work in the field of lighting control.

Butler S2

The e:cue Butler S2 is a DMX engine that can be used either in standalone mode to replay and loop previously uploaded lighting shows, or as a DMX output device controlled by another e:cue server with an e:net connection. It is programmed using a PC or the e:cue Lighting Control Engine running the e:cue software suite. One compact Butler controls up to 1024 DMX channels in two DMX universes. Up to 99 cuelists for shows in standalone mode are stored on an micro SD card. The DMX channel control can be increased to 16,384 channels by clustering more Butler S2s. The Butler is powered by an external power supply with 12 to 24 V DC or via 48 V DC PoE (Power over Ethernet). A 7-segment LED is used for message and status display.

Main features

- Two DMX universes (up to 1024 DMX channels)
- Scalable up to 16,384 channels (16 Butler S2, 32 universes)
- Can play up to 99 cuelists in standalone mode
- Plays up to eight cuelists in parallel
- Reliable uninterrupted operation
- microSDHC drive for flexible storage
- Control of up to 128 DMX universes when clustered using a central controller
- RJ45 connectivity for show upload, DMX output and e:net
- Standalone configuration via web browser on Ethernet interface
- External power supply 12 … 24 V DC or PoE
- 7-segment LED-Display for status and cuelist information

Delivery scope

- e:cue Butler S2   EN.BU.0000001

Optional accessories

- Butler S2 power supply   AC.PS.1003401
- Butler Garage 2   AC.BG.0000001
- RJ45-to-XLR5 adapter cable   40005
- microSDHC card   AC.BU.0000002
- 2-pin screw terminal   AC.BU.0000003

Technical data

Dimensions (W x H x D)	71.5 x 24 x 85 mm/ 2.7 x 0.9 x 3.6 inch (w/o power plug)
Weight	125 g
Power	12 … 24 V DC via ext. PSU 48 V DC via PoE
Rated current	max. 250 mA
Power consumption	2.7 W (incl. DMX termination)
Operating/storage temp.	0 … 40 °C/32 … 104 °F
Operating/storage humidity	0 … 80% non-condensing
Protection class	IP20
Electrical safety	SELV
Materials	Aluminium, plexi glass, steel
Mounting	Desktop or in Butler Garage
Certification	CE

Interfaces

Operator display	7-segment LED 2 x e:net status LEDs
Control keys	1 x push button
e:net/Ethernet	1 x RJ45, 10/100 MBit, PoE enabled
Supply power	2 x Screw terminals, cable width 0.25 … 1 mm²
DMX	2 x RJ45, USITT DMX512-A/RDM E1.20 Pin 1: DMX– Pin 2: DMX+ Pin 3: DMX Ground Galvanic isolation: 1000 V

Conforms to UL Std. UL 60950-1
Cert. to CSA Std. C22.2 No. 60950-1

CE

ETL LISTED
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Intertek

Dimensions

all dimensions in mm