Butler S2

e:cue Interfaces

Lighting applications are heterogenous by nature. e:cue interfaces serve to integrate many networks, protocols and third party products into e:cue solutions. They also aid in applying special control functions for fixtures, they integrate analog or mechanical signaling into the digital world and offer bridging functions. e:cue interfaces are the links to bring together the many techniques and technologies 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 clustered when using a central controller
- RJ45 connectivity for show upload, DMX output and e:net
- Standalone configuration via web browser/Ethernet interface
- External power supply 12 … 24 V DC or PoE
- 7-segment LED-Display for status and cuelist information

Delivery scope

	Item code
e:cue Butler S2	AB436200031

Optional accessories

Butler S2 power supply	AA573980155
Butler Garage 2	AA611800031
RJ45-to-XLR5 adapter cable	AA611810135
microSDHC card	AA6137401HA
2-pin screw terminal	AA611830135

Product specifications

(W x H x D)	2.81 x 0.94 x 3.35
Weight	125 g / 0.28 lb
Power supply input	12 … 24 V DC via ext. PSU or 48 V DC via PoE
Power consumption	2.7 W (incl. DMX termination)
Rated current	max. 250 mA
Operating / storage temperature	0 … 40 °C / 32 … 104 °F
Operating / storage humidity	0 … 80% RH, non-condensing
Protection class	IP20
Electrical safety	SELV
Housing	Aluminium, plexi glass, steel
Mounting	Desktop or in Butler Garage
Certificates	CE, ETL, UKCA

Interface specifications

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

CE

ETL
C LISTED US
Intertek
4006376

UKCA

Conforms to ANSi/UL Std. 60950-1
Certified to CAN/CSA Std. C22.2 #60950-1

Dimensions

All dimensions in mm

PWR	DMX/RDM						e:net
In	DMX2			DMX1			PoE
− +	1 −	2 +	3 ⊥	1 −	2 +	3 ⊥	IEEE 802.3af

Power input: 12 ... 24 V DC
Max. current: 250 mA

Butler S2
DMX/RDM Output Engine
EN.BU.0000001

Made in Italy
www.traxontechnologies.com