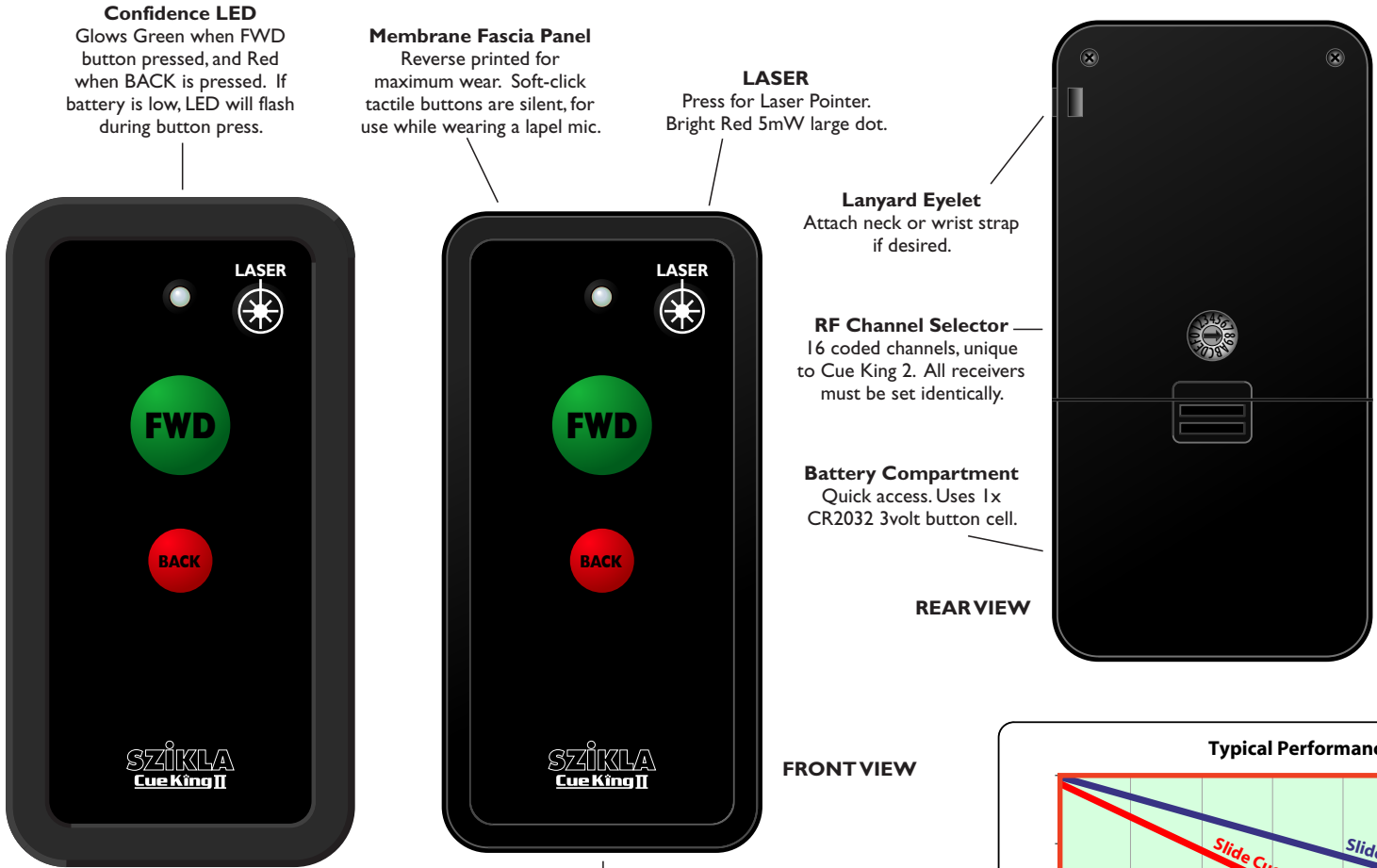


CUE KING 2 Remote Presentation System - RF Handset

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Confidence LED
Glow Green when FWD button pressed, and Red when BACK is pressed. If battery is low, LED will flash during button press.

Membrane Fascia Panel
Reverse printed for maximum wear. Soft-click tactile buttons are silent, for use while wearing a lapel mic.

LASER
Press for Laser Pointer. Bright Red 5mW large dot.

Lanyard Eyelet
Attach neck or wrist strap if desired.

RF Channel Selector
16 coded channels, unique to Cue King 2. All receivers must be set identically.

Battery Compartment
Quick access. Uses 1x CR2032 3volt button cell.

REARVIEW

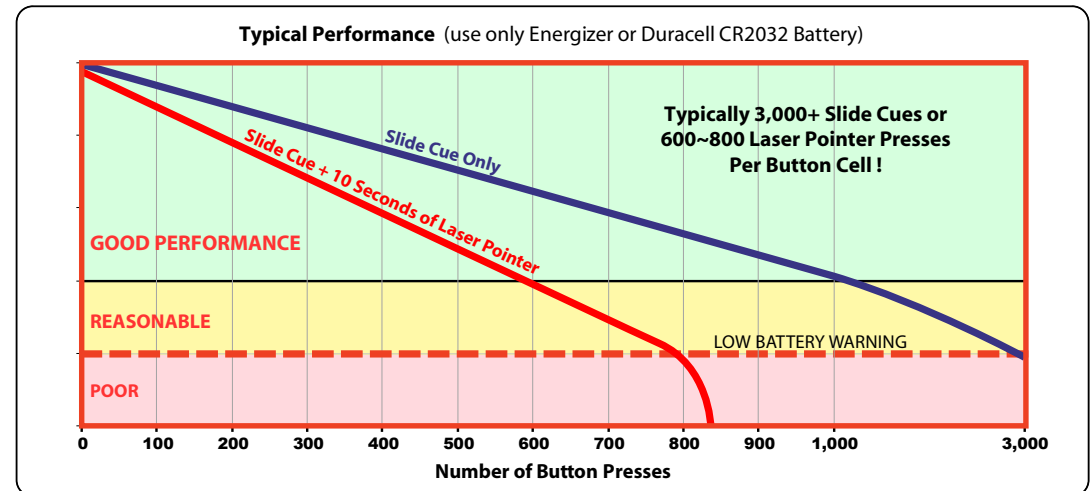
FRONTVIEW

Rubber Grip
Attractive and pleasant to hold. Easy to attach and remove.

FWD/BACK
Press to advance or reverse slides. Each press sends single 100mS data burst – to keep cues tidy, and airways clean. If either button is held down for longer than 1.1 seconds, the unit invokes a typematic response, delivering automatic cueing of 3 slides per second until button is released. If held down for 30 seconds, transmission is software disabled until new button press, to guard against accidental triggering.

General Specifications CUE KING 2 RF HANDSET

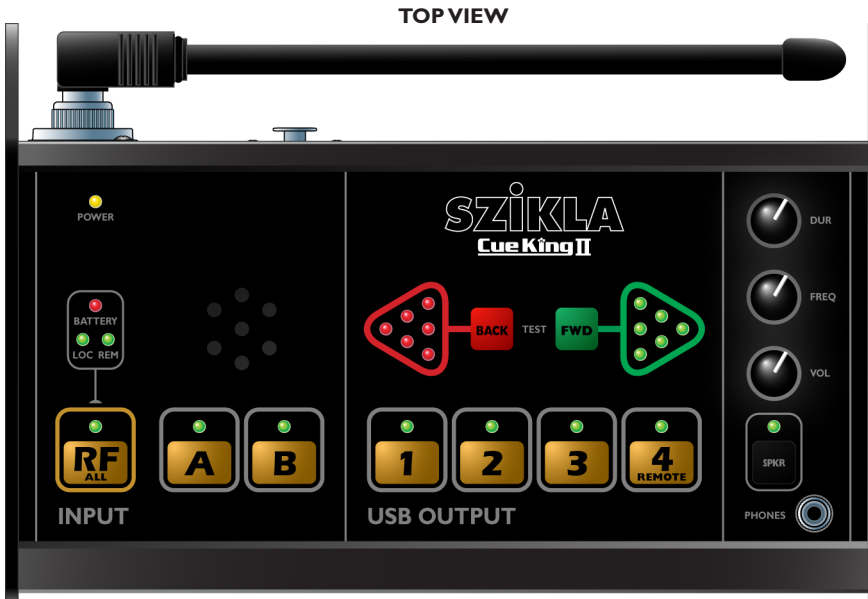
Radio Frequency:	433.42MHz
Modulation Method:	A.S.K.
RF Power:	20mW
Range with No Dropouts:	50 Metres line of sight in clean air
Battery:	CR2032 (3volt Button Cell)
Battery Performance:	More than 3,000 slide cues or 600~800 Laser Pointer presses @10 Seconds each
Laser Pointer:	5mW Red Large Dot
Compatible Receivers:	Cue King 2 Master Station Cue King 2 Lectenna
Maximum Click Rate:	5 Slide Cue Presses per Second
Typematic Delay:	1,100mS
Typematic Rate:	3 Slides per Second
Button Time-Out:	30 Seconds per Press
Enclosure:	Plastic, Rubber
Fascia:	Polycarbonate Membrane
Dimensions (Enclosure):	90 x 45 x 13.5mm
Dimensions (inc Rubber Grip):	95 x 50 x 16mm
Weight (inc Grip & Battery):	54 Grams



CUE KING 2 Remote Presentation System - Master Station

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BATTERY
Cues from the RF Handset contain battery status information. If battery LOW is received, LED will flash indefinitely, until a new transmission indicates battery status has returned to HIGH.

LOC/REM
Activity LEDs indicate RF cue is received by LOCAL Antenna, or REMOTE Lectenna.

RF ALL
Enables/Disables RF on Master and all connected Lectennas.

Membrane Fascia Panel
Reverse printed for maximum wear.

Audio Indicator
Duration, Frequency and Volume are independently adjustable. SPKR switch turns local speaker off and on. Phones jack is always on. Different sounds for FWD and BACK.

General Specifications CUE KING 2 MASTER

Radio Frequency:	433.42MHz
Modulation Method:	A.S.K.
Antenna:	433MHz Tuned 1/4 Wave, BNC
Power In:	12VDC/500mA
Current Draw (no load):	55mA
Current Draw (max load):	390mA
Power Connector:	2.1/5.5mm DC Jack, Tip Positive
Network Power Out:	2x 8.7VDC/145mA Current Limited and Short-Circuit Protected
Network Signal Connectors:	1x XLR, 1x RJ45
Network Data Rate:	10Kbits/sec
USB Code FWD:	Keyboard Right Arrow
USB Code BACK:	Keyboard Left Arrow
Overall Dimensions (Antenna down):	207 x 137 x 64mm
Net Weight:	990 Grams
Enclosure:	Steel, Powdercoated Matt Black
Fascia:	Polycarbonate Membrane
Unit supplied with 1 x 12VDC/500mA Plugpack PSU	

Line Input A and B Switches
Allows or blocks all incoming Data. If short-circuit Line fault is detected, input LED will flash until fault is removed.

TEST Buttons
FWD/BACK buttons allow operator to test unit during setup, and also manually override a presentation if necessary.

USB Output Switches
One for each computer. 1, 2 and 3 are local. 4 REMOTE engages the USB output on any or all Lectennas connected on the network.

REAR VIEW



USB Outputs
Send cues to up to 3 local computers via USB. Outputs are fully optoisolated from local power, and also each other, so you won't get any hum in your vision. Connect cable, and Data Activity LED will flash red for about 20 seconds, turning green when PC or Mac handshake is complete. With Mac, ignore and close any pop-up boxes that ask about your keyboard.

Network Inputs/Outputs
Connect up to 9 Lectern Buttons and 2 Lectennas per input, via Cat5/6 or Mic Cable, up to 300 Metres. Both inputs supply 9VDC power to peripherals and can survive short-circuit faults indefinitely. Green LED indicates Data Activity.

!!! Do NOT connect to Ethernet equipment, or damage may result !!!

Antenna BNC Input
Attach Antenna here. May be left in place for the lifetime of the unit. Raise for use, and fold down for storage and transport.

RF Channel Selector
16 coded channels, unique to Cue King 2. RF Handset must be set identically.

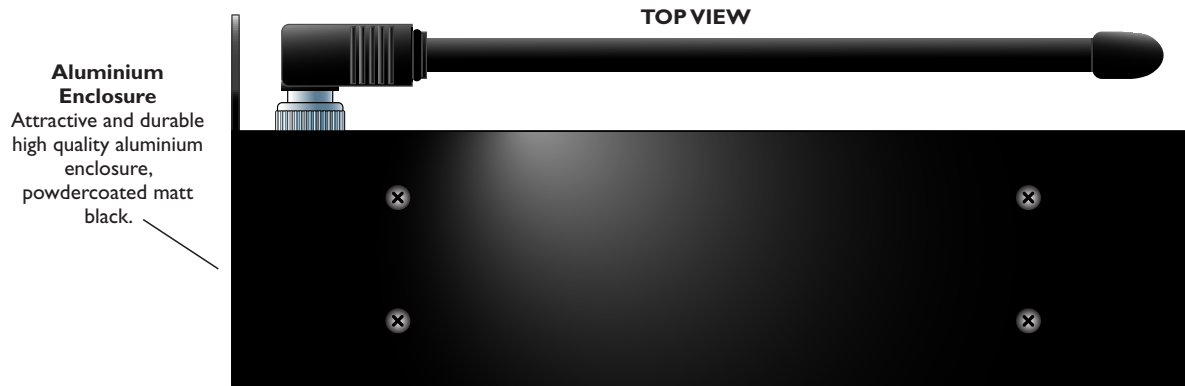


SIDEVIEW

CUE KING 2 Remote Presentation System - Lectenna

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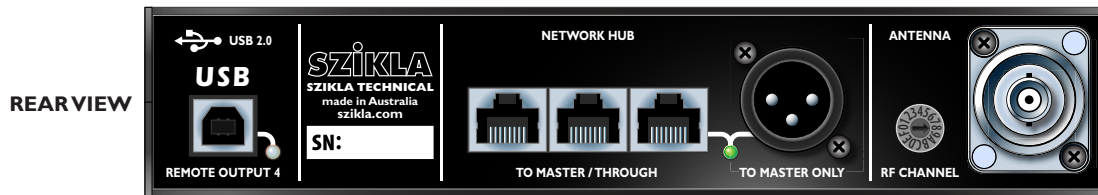
Aluminium Enclosure
Attractive and durable high quality aluminium enclosure, powdercoated matt black.



RF LED
If a valid cue is received from the RF Handset, LED will flash Green for FWD, and Red for BACK. When Master Station is connected, the RF Receiver function is controlled by the RF ALL switch. When turned off, RF is not received and LED will not flash. If Master Station is not connected, the RF Receiver is always on.

USB OUTPUT LED
Glowes Green when local USB Output is switched on, and Red when switched off. When Master Station is connected, this function is controlled by the Output 4 switch. If Master Station is not connected, USB Output is always on.

General Specifications CUE KING 2 LECTENNA	
Radio Frequency:	433.42MHz
Modulation Method:	A.S.K.
Antenna:	433MHz Tuned 1/4 Wave, BNC
Network Power In:	8.7VDC
Current Draw:	55mA
Network Signal Connectors:	1x XLR, 3x RJ45
Network Data Rate:	10Kbits/sec
USB Code FWD:	Keyboard Right Arrow
USB Code BACK:	Keyboard Left Arrow
Overall Dimensions (Antenna down):	203 x 78 x 40mm
Net Weight:	560 grams
Enclosure:	Aluminium, Powdercoated Matt Black



USB Output
Send cues to a local computer via USB. When Master Station is connected, this output is controlled by the Output 4 switch. If Master Station is not connected, USB Output is always on. Output is fully optoisolated from network power, so you won't get any hum in your vision. Connect cable, and Data Activity LED will flash red for about 20 seconds, turning green when PC or Mac handshake is complete. With Mac, ignore and close any pop-up boxes that ask you about your keyboard.

Network Hub
It is not possible for any other peripheral to trigger functions on the Lectenna, so if the Master Station is not connected, this Hub is not used. In Solo mode the unit is powered entirely by USB from the local computer. When the Master Station is connected via Mic or Cat5/6 cable, internal relays switch the Lectenna to network power, and electrically isolate its USB Output. Other peripherals may then be connected via Cat5/6, through the Network Hub, also drawing their power from the Master Station. The XLR is not available to connect to other peripherals – only to the Master Station. Green LED flashes during Data Activity.
!!! Do NOT connect to Ethernet equipment, or damage may result !!!

Antenna BNC Input
Attach Antenna here. May be left in place for the lifetime of the unit. Raise for use, and fold down for storage and transport.

RF Channel Selector
16 coded channels, unique to Cue King 2. RF Handset must be set identically.



SIDE VIEW

CUE KING 2 Remote Presentation System - Lectern Button

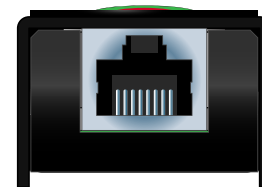
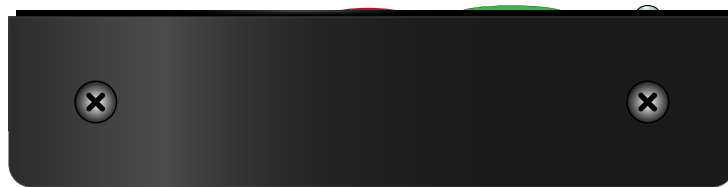
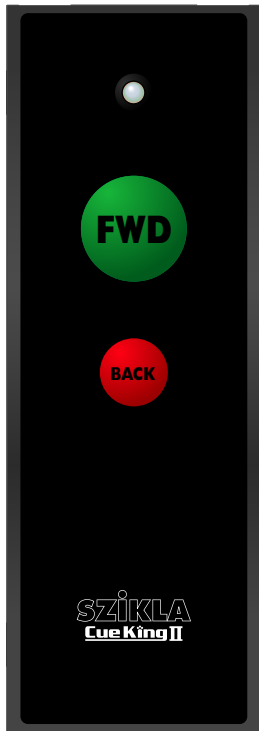
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Confidence LED
Glow Green when FWD button pressed, and Red when BACK is pressed.

Membrane Fascia Panel
Reverse printed for maximum wear. Soft-click tactile buttons are silent, for use while wearing a lapel mic.

RJ45 Connector
One at each end to connect via Cat5/6 cable to Master Station.



Aluminium Enclosure
Attractive and durable high quality aluminium enclosure, powdercoated matt black.

SIDE VIEW

END VIEW

General Specifications CUE KING 2 LECTERN BUTTON

Maximum Click Rate: 5 Slide Cue Presses per Second
Typematic Delay: 1,100mS
Typematic Rate: 3 Slides per Second

Network Power In: 8.7VDC
Current Draw: 4mA
Network Connectors: 2x RJ45
Network Data Rate: 10Kbits/sec

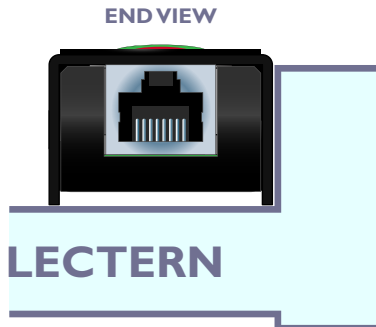
Enclosure: Aluminium, Powdercoated Matt Black
Fascia: Polycarbonate Membrane
Dimensions: 96 x 33 x 24mm
Weight: 78 Grams

FWD/BACK
Press to advance or reverse slides. Each press sends single 100mS data burst. If either button is held down for longer than 1.1 seconds, the unit invokes a typematic response, delivering automatic cueing of 3 slides per second until button is released.

Ideas for mounting and placement:

LID PLACEMENT

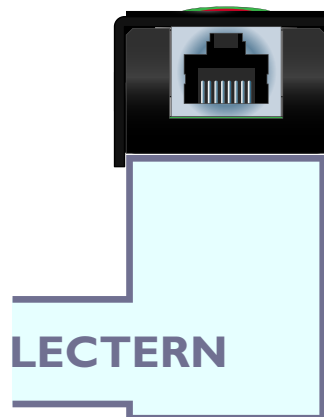
Just place the Lectern Button on the Lid of any Lectern, connect Cat5/6 cable to Master Station, and start clicking.



LECTERN

RIM MOUNT

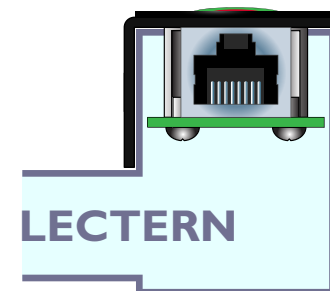
Enclosure neatly straddles Standard Lectern Rim made from 30mm section tubing. Secure with tape or Velcro, or use fasteners for a permanent install.



LECTERN

INTERNAL MOUNT

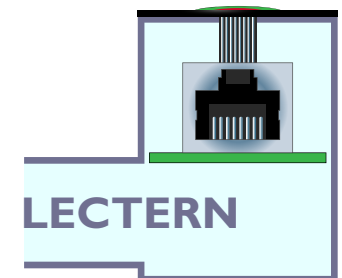
Consider this idea for a permanent install in a Lectern Rim made from 30mm section tubing. Rear panel removed and remainder lowered through hole machined in Lectern. Note: Patch cable would need to internally connect unit to accessible patch point installed elsewhere on Lectern.



LECTERN

FLUSH MOUNT

A more challenging idea for permanent install in a Lectern Rim 30mm or more in width. Membrane Fascia is applied directly to the Lectern Rim, with its 80mm tail connected through a hole to the circuit board. Note: Patch cable would need to internally connect unit to accessible patch point installed elsewhere on Lectern. (Fascia and PCB supplied by special order only.)



LECTERN