

# AURORA™

## CIRLS AND PORTABLE THERMAL BEACON RADIO CONTROL SYSTEM



The Aurora™ 2.4GHz digital radio control system enables remote control of up to 99 CIRLS and /or Portable Thermal Beacons. During operation Aurora establishes a multiway encrypted communication network allowing receivers to forward control signals from receiver to receiver permitting a maximum system range of 3,500 meters.

Ten distinct radio channels allow for multiple covert and visible beacon systems to be deployed in close proximity.

Powered by either CR 123A or AA Batteries Aurora is compatible with all new or legacy CIRLS Lights, Battery Boxes, CIRLS DZ systems, or Portable Thermal Beacons.

### Radio Communication

Frequency	2.4GHz Digital, Conforms to IEEE 802.15.4 RF
Point-to-Point Range	1600'   500m ( <i>Line-of-sight, receiver-to-receiver</i> )
System Range	1 - 2.2 miles   1.6 – 3.5Km by use of Control Message Forwarding
Acceptance	World-Wide including FCC, CE, ISM, etc.

### Radio Controller

Size	3.17" x 5.20" x 1.46"   80mm x 132mm x 37mm
Weight	10oz   280g ( <i>Without Batteries</i> )
Batteries   Power	Six (6) AA or Three (3) CR123A Batteries
Operating Time	45+ Hours
Environment	Weather sealed

### Radio Receiver

Size	2.52" x 2.52" x .94"   65mm x 65mm x 24mm
Weight	2.5oz   70g
Batteries   Power	CIRLS™ Battery Box or CIRLS™ 123A / AA Battery Box
Operating Time	45 Hours Standby   4 Hours with CIRLS Signal Beacon ON
Environment	Weather sealed

Aurora is designed for use with all Cejay CIRLS Light Heads (903512-903523), CIRLS 5 DZ Kits (903600), CIRLS 10 DZ Kits (903610), Battery Boxes (905111PP3, 905117), and the Cejay Portable Thermal Beacon (910712).

AURORA is not designed for use with any non Cejay Engineering products. AURORA is a trademark of Cejay Engineering, LLC.

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