

Client:

Project:

Type:

Order Code:

Quantity:

The **Aria Range Extender** is a compact, local, outdoor rated expansion unit for the Aria wireless DMX system. The Aria Range Extender can receive signal from an Aria transceiver and rebroadcast it to expand your wireless range, matching your existing radio channel on the 2.4 GHz band. The internal wireless radio features both automatic networking and signal routing optimization to ensure the best possible reception of DMX data. A 5dB, omni-directional antenna is included, which provides transmission for an additional 2600' line of sight and 300' between obstructions and walls.

## SPECIFICATIONS

Wireless Protocol	2.4 GHz, IEEE 802.15.4, 15 selectable channels
Estimated Transmission Distance	2600' (792m) line of sight, 300' (91m) between obstructions and walls
Data Encryption	AES 128-bit
DMX Universes	One per range extender, maximum of 8 simultaneously
Max number of transceivers	Up to 5 per single transceiver (limited to ensure optimum data transmission)
Included Antenna	5dB, includes direct attachment adapter and 9' extension cable
Mounting	Wall mountable via screw holes on both the transceiver and antenna mount
Power Consumption	3W
Operating Voltage	100-240VAC, 277VAC - 50/60Hz
Display Features	Auto lockout and display blackout
Finish	Gray
Housing Material	Die cast aluminum
Ambient Operating Temperature	-40°F to 122°F (-40°C to 50°C)
IP Rating	IP66, Wet Location (does not include feed ends - install in an enclosure)
Wiring	3.28' (1m) Attached AC power feed cable
Warranty	5 Years Limited
Weight	3.96 lbs (1.8 kg)
Dimensions	W 9.1" x H 6.2" x L 2.2" (231.6 x 157.7 x 55mm)

Certifications



## ORDER CODES

\* Indicates Special Order

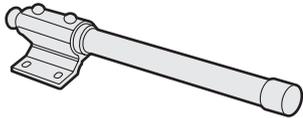
Model

**ARIA RE**

### Direct connection with:

Dyna Drum HO  
Dyna Drum SO  
Dyna Drum EO  
Dyna Accent  
Dyna Accent Mini  
UDM-W

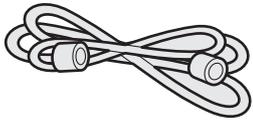
## INCLUDED COMPONENTS



**5 dB antenna**  
Type N Female Connector



**Type N Male to Male Adapter**  
Connects antenna directly to Aria without using the extension cable



**9' (2.74m) Antenna Extension Cable & Bracket**  
To remotely mount the antenna

## DIMENSIONS

