

Client:

Project:

Type:

Order Code:

Quantity:

The **Aria Wireless DMX system** is a compact, local, outdoor rated wireless DMX system. The Aria transceiver can act as either the sending or receiving point, and you can select up to 15 channels 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 up to 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 transceiver, maximum of 8 simultaneously
Max number of transceivers	Up to 250 (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 and DMX in /out cable included
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

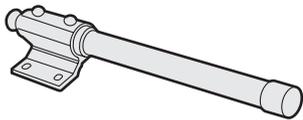
Model

**ARIA WDS**

**Direct connection with:**

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

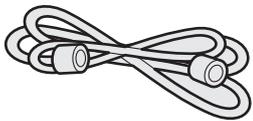
**INCLUDED COMPONENTS**



**5 dB antenna**  
Type N Female Connector

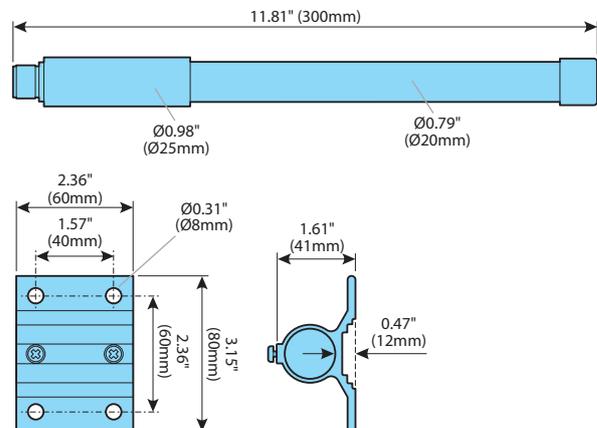
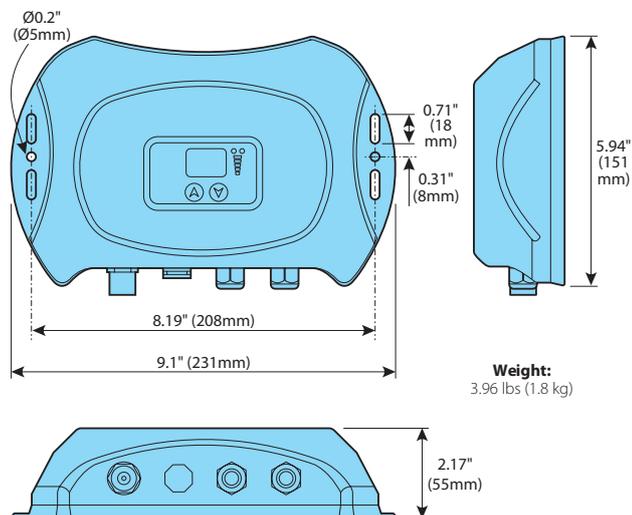


**Type N Male to Male Adapter**  
Connects antenna directly to Aria without using the extension cable



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

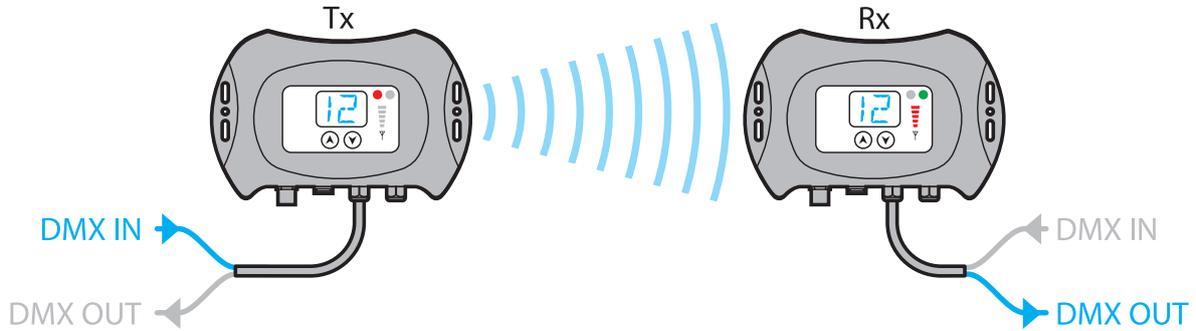
**DIMENSIONS**



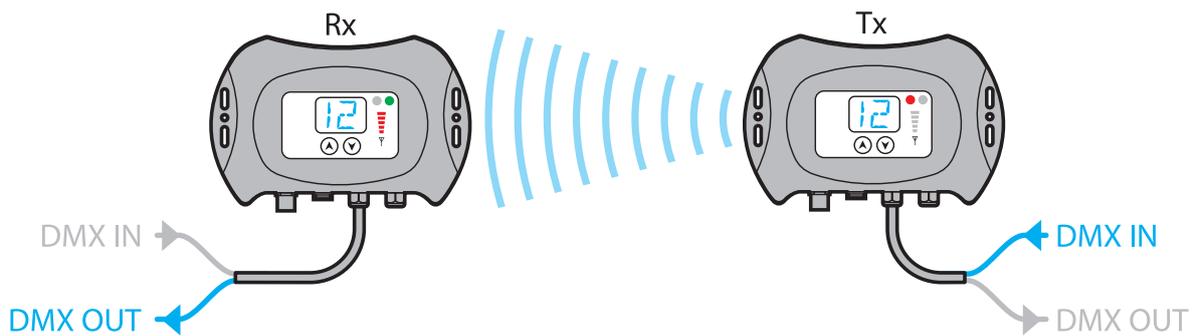
## SYSTEM LAYOUT

Consult user guide for additional details

Aria units can operate either as a transmitter or as a receiver - although not at the same time:



No configuration changes are required to change between operation as a transmitter or receiver; the detection of a valid DMX input will automatically prompt an Aria unit to become a transmitter.



Up to 250 Aria units (or Aria Direct Connect compatible lighting fixtures) can act as receivers from a single Aria transmitter:

