

PRODUCT SPECIFICATIONS

DMX CONTROL. WITHOUT THE LONG CABLE RUN.

Transmit standard DMX512 data wirelessly from your lighting controller to compatible fixtures and decoders. Connect one transmitter to one or multiple receivers.



A-DMX-WR

A-DMX-WT

2.4 GHz

Automatic frequency hopping

UP TO 400 m

Rated line-of-sight range

7 ID GROUPS

Color-coded selection

TECHNICAL SPECIFICATIONS

SPECIFICATION	A-DMX-WT / TRANSMITTER	A-DMX-WR / RECEIVER
Control protocol	DMX512	DMX512
DMX connector	3-pin male XLR	3-pin female XLR
Wireless frequency	2.4 GHz ISM band	2.4 GHz ISM band
Frequency hopping	126 RF channels	126 RF channels
Selectable ID groups	7	7
Rated line-of-sight range	Up to 400 m / 1,312 ft	Up to 400 m / 1,312 ft
Power input (each unit)	5V DC, 500 mA	5V DC, 500 mA
Maximum transmitting power	20 dBm	Not applicable
Operating environment	Indoor use only	Indoor use only

Range depends on placement, obstructions, and the surrounding wireless environment. Wireless DMX replaces the signal cable between units; each unit and connected fixture still requires power.

SETUP & CONNECTION GUIDE

QUICK START

- 1 CONNECT**
 Connect the A-DMX-WT to the controller DMX output and the A-DMX-WR to the fixture or decoder DMX input.
- 2 POWER**
 Supply each unit with 5V DC, 500 mA. Power on the receiver first, then the transmitter.
- 3 MATCH**
 Press the ID button to select the same color-coded ID group on the transmitter and receiver. Use different IDs for separate wireless groups.
- 4 VERIFY**
 Send DMX data from the controller. The transmitter LED flashes red and the receiver LED flashes green when receiving valid data.

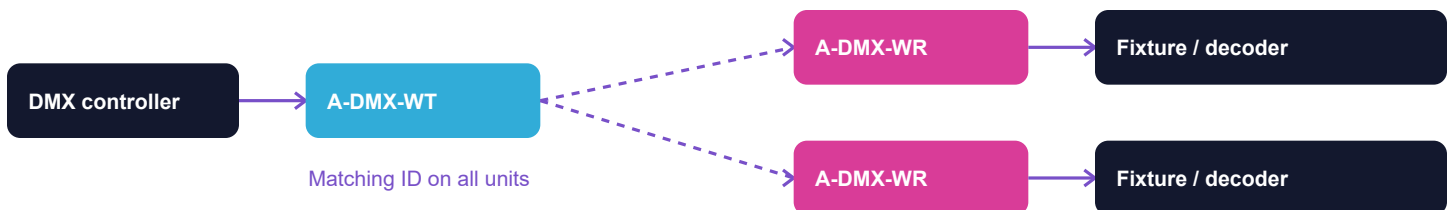
ID COLORS & SIGNAL STATUS



Steady ID color: no DMX or wireless signal. Flashing red: transmitting DMX.
 Flashing green: receiving DMX. Faster flashing indicates a faster DMX data rate.

CONNECTION OPTIONS

ONE TRANSMITTER TO ONE OR MULTIPLE RECEIVERS



Extending the link: A receiver can feed another transmitter through a wired DMX connection to create a relay. Set each wireless hop to a different ID group, with matching IDs within each transmitter/receiver pair.

Fixture setup: Select the fixture mode intended for external DMX control. Some fixtures require slave mode; master mode may output its own DMX signal and interfere with operation.