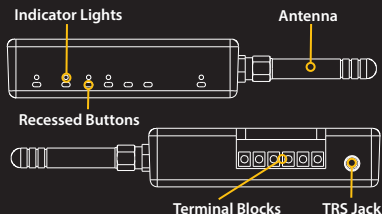
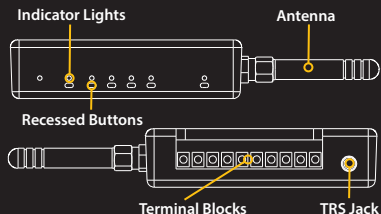


# LiteDimmer Wireless Quick-Start Guide

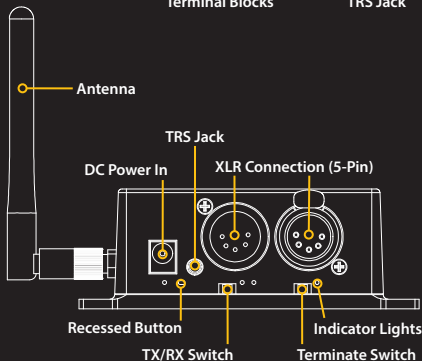
## LITEDIMMER™ WIRELESS DMX 2X8



## LITEDIMMER™ WIRELESS DMX 4X4



## LITEDIMMER™ WIRELESS TRX TRANSMITTER & RECEIVER



**LITEGEAR™**

## Linking Devices

### *Linking a TRX transceiver unit with a wireless dimmer unit:*

- 1 Set the TRX unit to **TX** (transmit) mode by sliding the switch to the **TX** position.
- 2 Provide DMX signal to the TRX unit.
- 3 Provide DC power to the TRX unit and the wireless dimmer unit.
- 4 If the **Connect RF** indicator light on the wireless dimmer unit is off, go to Step #5. If the **Connect RF** indicator light is solid, go to Step #6. If the indicator light is flashing, press and hold **CONNECT RF** on the wireless dimmer unit for 3 seconds until the indicator light turns off.
- 5 Tap the **LINK** button on the TRX unit. Wait 10 seconds. The **Link** indicator light (on the TRX) and the **Connect RF** indicator light (on the wireless dimmer unit) should now be solid.
- 6 Your devices should now be linked.

### *Linking two TRX transceiver units:*

- 1 Set one of the TRX units to **TX** (transmit) mode by sliding the switch to the **TX** position. Set the other unit to **RX** (receive) mode.
- 2 Provide DMX signal to the TRX unit (set to **TX** mode).
- 3 Provide DC power to both TRX units.
- 4 If the **Link** indicator light on the TRX unit (set to **RX** mode) is off, go to Step #5. If the **Link** indicator light on the TRX unit (set to **RX** mode) is solid, go to Step #6. If the indicator light is flashing, press and hold **LINK** on the TRX unit (set to **RX** mode) for 3 seconds until the indicator light turns off.
- 5 Tap the **LINK** button on the TRX unit (set to **TX** mode). Wait 10 seconds. Both of the **Link** indicator lights should now be solid.
- 6 Your devices should now be linked.

## De-Linking Devices

### *De-linking all devices from a TRX transceiver unit:*

- 1 Provide DC power to all units you wish to de-link and to the TRX unit (set to **TX** mode).
- 2 Press and hold the **LINK** button on the TRX unit (set to **TX** mode) for 3 seconds. All **Connect RF** indicator lights on wireless dimmer units and **Link** indicator lights on TRX units (set to **RX** mode) should now be off.
- 3 Your devices should now be de-linked.

### *De-linking a single device from a TRX transceiver unit:*

- 1 Provide DC power to the unit you wish to de-link. (Note: You do not need to power the TRX unit that it is linked to.)
- 2 Press and hold the **CONNECT RF** button on the wireless dimmer unit or the **LINK** button on the TRX unit (set to **RX** mode) for 3 seconds. The **Connect RF** indicator light on the wireless dimmer unit or the **Link** indicator light on the TRX unit (set to **RX** mode) should now be off.
- 3 Your device should now be de-linked.

## Setting PWM Frequencies

*Begin by disconnecting DC power from the wireless dimmer unit, and then perform one of the following operations:*

**20 kHz:**

*Default Setting*

Press and hold **SET DIM A** while connecting your wireless dimmer unit to power.

Release **SET DIM A** after connecting to power.

**10 kHz:**

Press and hold **SET DIM B** while connecting your wireless dimmer unit to power.

Release **SET DIM B** after connecting to power.

**5 kHz:**

Press and hold **SET DIM C** while connecting your wireless dimmer unit to power.

Release **SET DIM C** after connecting to power.

**615 Hz:**

Press and hold **SET DIM D** while connecting your wireless dimmer unit to power.

Release **SET DIM D** after connecting to power.



# LITEGEAR™

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## Assigning Channels and Dimmer Curves

- 1 Set the TRX unit to **TX** (transmit) mode by sliding the switch to the **TX** position.
- 2 Provide DMX signal to the TRX unit.
- 3 Provide DC power to the TRX unit and the wireless dimmer unit.
- 4 Link the devices.
- 5 Set the master brightness of your console to 100% (if applicable).
- 6 Set all DMX channels to 0%.
- 7 Perform one of the following operations on your wireless dimmer unit, and note that only DIM A needs to be addressed; DIM B, DIM C, and DIM D will assume consecutive DMX addresses although you may choose to overwrite these settings and patch any DMX channel directly:

<b>Non-Dim:</b>	Set the desired DMX channel to 100%, and tap the button for the desired channel on your wireless dimmer unit ( <b>SET DIM A, SET DIM B, SET DIM C, SET DIM D</b> ).	<b>Non-Dim</b> 80 to 100%
<b>Linear:</b>	Set the desired DMX channel to 70%, and tap the button for the desired channel on your wireless dimmer unit ( <b>SET DIM A, SET DIM B, SET DIM C, SET DIM D</b> ).	<b>Linear</b> 60 to 79%
<b>ISL Fast:</b>	Set the desired DMX channel to 50%, and tap the button for the desired channel on your wireless dimmer unit ( <b>SET DIM A, SET DIM B, SET DIM C, SET DIM D</b> ).	<b>ISL Fast</b> 40 to 59%
<b>ISL Slow:</b> <i>Default Setting</i>	Set the desired DMX channel to 30%, and tap the button for the desired channel on your wireless dimmer unit ( <b>SET DIM A, SET DIM B, SET DIM C, SET DIM D</b> ).	<b>ISL Slow</b> 20 to 39%
		<b>Ignored</b> 0 to 19%

## Setting Dimmer Mode

- 1 Provide DC power to the wireless dimmer unit.
- 2 Perform one of the following operations on your wireless dimmer unit:

<b>Single:</b> <i>Default Setting</i>	Press and hold <b>FUNC</b> first, and then tap <b>SET DIM A</b> while continuing to hold <b>FUNC</b> .
<b>Hybrid:</b>	Press and hold <b>FUNC</b> first, and then tap <b>SET DIM B</b> while continuing to hold <b>FUNC</b> .
<b>RGB:</b>	Press and hold <b>FUNC</b> first, and then tap <b>SET DIM C</b> while continuing to hold <b>FUNC</b> . <i>Only available on the wireless LiteDimmer 4x4.</i>
<b>RGBW:</b>	Press and hold <b>FUNC</b> first, and then tap <b>SET DIM D</b> while continuing to hold <b>FUNC</b> . <i>Only available on the wireless LiteDimmer 4x4.</i>

## Reset

- 1 Provide DC power to the wireless dimmer unit.
- 2 Press and hold the **FUNC** button for 8 seconds until **Set Dim A** flashes 5 times.
- 3 Your device should now be reset to factory defaults.

### List of “Factory Defaults”







PWM Frequency: 20 kHz

DMX Channels: 1, 2 (Wireless 2x8); 1, 2, 3, 4 (Wireless 4x4)
















Dimmer Curve: ISL Slow

Mode: Single





## LiteDimmer Wireless 2X8 and 4X4—On Power Up

	DMX DATA	FUNC	SET DIM A	SET DIM B	SET DIM C	SET DIM D	CONNECT RF
PWM Frequency	20 kHz	—	 x2	—	—	—	—
	10 kHz	—	 ← 	—	—	—	—
	5 kHz	—	 → 	—	—	—	—
	615 Hz	—	—	 x2	—	—	—









## LiteDimmer Wireless 2X8 and 4X4—Running





	DMX DATA	FUNC	SET DIM A	SET DIM B	SET DIM C	SET DIM D	CONNECT RF
Reset	—	—	 x5	—	—	—	—
Linked-DMX Present		—	—	—	—	—	
Linked-No DMX Present		—	—	—	—	—	 
Linked-TRX Off or Out of Range	—	—	—	—	—	—	 
Not Linked	—	—	—	—	—	—	
In Process of Linking	—	—	—	—	—	—	  10 Sec
Assigning Channel/ Dimmer Curve	—	—	 <i>(single mode only)</i>	 <i>(single mode only)</i>	 <i>(single mode only)</i>	 <i>(single mode only)</i>	—
Mode	—	See “(Mode)” Chart	—	—	—	—	—

## LiteDimmer Wireless 2X8 and 4X4–Running (Mode)

	DMX DATA	FUNC	SET DIM A	SET DIM B	SET DIM C	SET DIM D	CONNECT RF
Single	—	 x1	—	—	—	—	—
Hybrid	—	 x2	—	—	—	—	—
Chroma RGB (4X4 Only)	—	 x3	—	—	—	—	—
Chroma RGBW (4X4 Only)	—	 x4	—	—	—	—	—

## LiteDimmer Wireless TRX–Running (Mode)

	LINK	RX	TX	TERM
RX (Receive) Mode	—		—	—
TX (Transmit) Mode	—	—		—
Terminate (On)	—	—	—	
Terminate (Off)	—	—	—	
DMX Present		—	—	—
No DMX Present		—	—	—
In Process of Linking	 10 Sec	—	—	—
In Process of De-Linking	 5 Sec	—	—	—

	= Flash
	= Flash (Slow)
	= Flash (Fast)
	= On
	= Off
—	= N/A (Ignore)

No DMX Present – Set to RX Mode:  
**Link** will slowly flash *Off* instead of *On*.

In Process of De-Linking – Set to RX Mode:  
**Link** will turn *Off*.