StudioDue®
emotion and creativity in light

S2 LR-WS
transceiver 512

The S2 LR-WS is a wireless lighting control product. It is designed to be used indoors or outdoors when installed in a IP65 rated environmental enclosure.
CRMX S2 LR-WS replaces the cable in DMX-512A systems. It can be used together with any CRMX compatible device using either CRMX Classic or CRMX2 modes.
CRMX S2 LR-WS can also be configured to operate in W-DMX mode where it can operate together with W-DMX compatible devices.

ANTENNA OUT
STATUS ON LINK SWITCH
LEDs

DMX IN/OUT

POWER IN/OUT

SPECIFICATION

Power supply AC IN/OUT: 85-305VAC 50/60 Hz
Max. power consumption: 5W
DMX Connectors: XLR 5 poles IN/OUT
IP rating: IP65
Dimensions (W x H x D): 210x145x92mm
Weight: 1,5 Kg.
Antenna connector: N Female
Operating temp. range: -20...+50°C
Storage temp. range: -30...+60°C
Humidity: 0-90% non-condensing
Frequency range: 2402-2480 MHz (ISM band)
Max. RF output power: 100 mW (280 mW in US)
Supported protocols: DMX-512A
Supported RF protocols (TX): CRMX, W-DMX G3 & G4S
Supported RF protocols (RX): CRMX, CRMX2, W-DMX G3, G4, G4S & G5

CRMX TOOLBOX²

CRMX Toolbox2 is an app available from LumenRadio to configure CRMX devices.
It is available for iOS and Android and can be downloaded directly from Apple App Store or Google Play Store.

QUICKSTARTGUIDE

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QUICKSTARTGUIDE
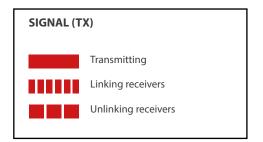
LINK SWITCH FUNCTIONS

The link switch performs the basic link and unlink functions, but combinations of presses can perform some special functions. All functions are listed in the tables below. In the tables below short press is <0.5 s, long press is >3 s.

BASIC FUNCTIONS

Short	**On transmitter:** Link available receivers **On receiver:** No function **On repeater:** Link available receivers
Long	**On transmitter:** Unlink all receivers **On receiver:** Unlink this receiver **On repeater:** Unlink all receivers, or unlink this repeater if pressed again within 5 seconds after unlink process.

SPECIAL FUNCTIONS

The special functions are accessed by pressing the button momentarily a number of times, followed by a long press (> 3 s).

2 x short + long	Enable/disable BLE.
3 x short + long	S2 LR-WS: Select RF protocol.
7 x short + long	Reset BLE PIN code.

SIGNAL (TX)

▬▬▬	Transmitting
▮▮▮▮▮	Linking receivers
▮▮▮	Unlinking receivers

DIMENSIONS

92,0

145,0

210,0

12x8

50,0

Ø5

187,0

110,0