Datasheet

WMR-DLI

Wired Multiroom DALI Controller

What is the WMR-DLI?

The WMR-DLI is a multi-room DALI controller used in a DALI addressable network. The Room grouping feature on the WMR-DLI enables up to 64 ballasts to be grouped with a maximum limit of 16 Rooms.

The WMR-DLI is fitted with an RJ11 socket for connection to a RAK-LINK or RAK-STAR. It can also be connected to the Wired network using the punch-down connections on the daughterboard with a CAT5 or CAT6 cable.
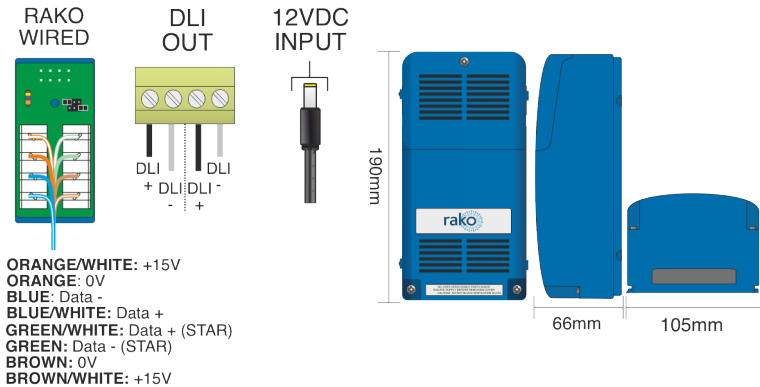
Once configured in Rasoft Pro, The WMR-DLI can be controlled from the Wired network with Rako Wired controllers such as the WCM, WK-EOS, WK-MOD, WK-PIR, WAVFR, and WAVMI.

When used with compatible DT6 or DT8 ballasts, the WMR-DLI can be used for RGBW and colour-tunable LEDs.

Features

- 16 Scenes per room
- Up to 16 Rooms
- Colour temperature control
- RGBWAF control
- Colour wheel
- Temperature slider

Technical Data

Dimensions	190x105x66mm
Input Supply	DALI - 12V DC Rako Wired - 15V DC
Weight	280g
Housing	UL94-V0
Connections	Rako wired network - RJ11 Socket or Krone Connector DALI output - 4-way screw terminal
Climate Range	Temperature +2C to +40C Humidity +5% to 95% non-condensing
Load Types	DT6 or DT8 ballasts
Minimum Load	N/A
Maximum Load	64 DALI ballasts
Standards	RoHS UKCA, CE EN 60669-2-5:2016
Communication	CAN, DALI

Installation and Setup

For information on installing and setting up the WMR-DLI, see the **WMR-DLI Manual.**

Connections/Dimensions

RAKO WIRED
DLI OUT
12VDC INPUT

DLI + DLI -
DLI - DLI +

ORANGE/WHITE: +15V
ORANGE: 0V
BLUE: Data -
BLUE/WHITE: Data +
GREEN/WHITE: Data + (STAR)
GREEN: Data - (STAR)
BROWN: 0V
BROWN/WHITE: +15V

190mm
66mm
105mm

Document Version 2.0.0