WSR-DMX INSTALLATION INSTRUCTIONS

General
The Rako WSR-DMX module is designed to link between a Rako Wired system and a standard DMX Lighting controller.
Commands from the Rako Wired system are passed through the WSR-DMX to control the DMX Lighting.

Installation
Before commencing installation of the Rako WSR-DMX modules, first read this instruction manual carefully.
Rako Controls Ltd accepts no responsibility for any damage or injury caused by incorrect installation of a Rako product.

Location
The WSR-DMX must be installed in a dry location.
Do not install in direct sunlight.
Make sure that there is adequate ventilation.

WSR-DMX connectors
The White RJ12 cable must be connected to a Rako Wired system. This connection provides power and data to the WSRDMX.
There are suitable connection points for the WSR-DMX on Rako Rak-Link and Rak-Star units. Alternatively the unit can be plugged into a connection point on the network, either a WPCon or WPConC as shown in Fig.1.
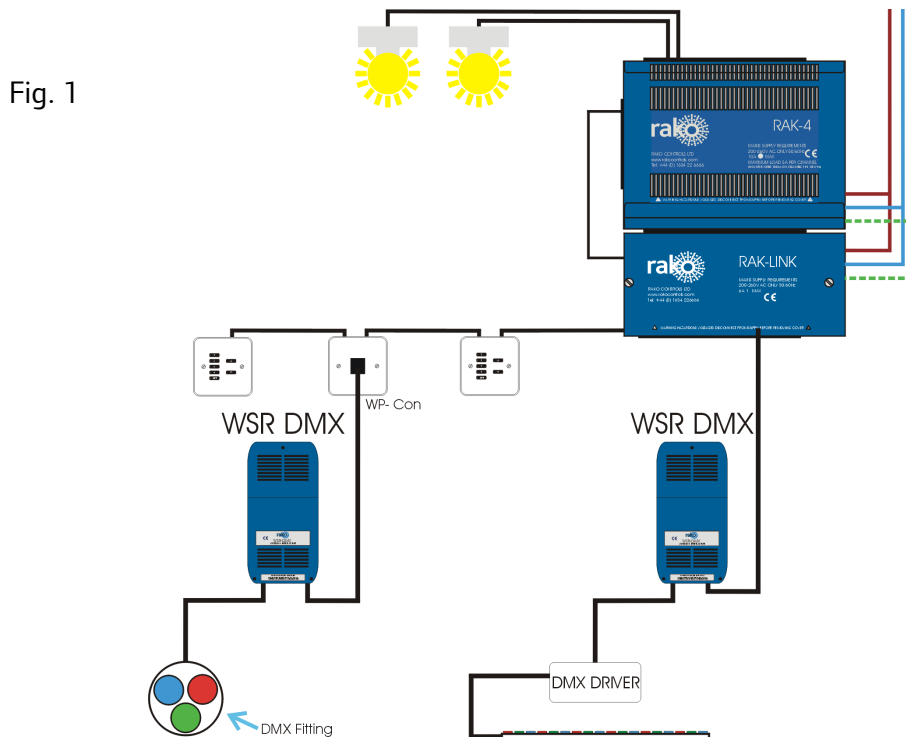If the WSR-DMX must be remotely mounted away from any Rak-Links and Rak-Stars, then a Rako WP-Con connector module can be used to provide a remote connection point for the WSR-DMX.
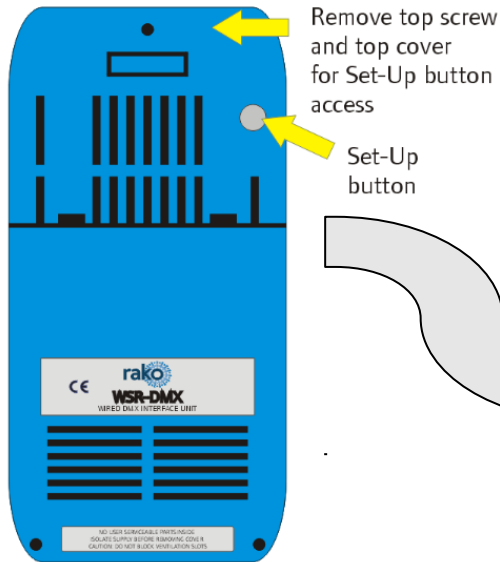
Data
Connect the DMX data to the DMX device using either the terminal connections or the RJ45 socket provided.

Note
There is no formal standard for the connection of the Data + and Data – lines for DMX. The most commonly found connection type is supported by having the header connectors in the NORMAL position. If this does not work they can be placed in the INVERTED position, this reverses the Data + and Data – connections.
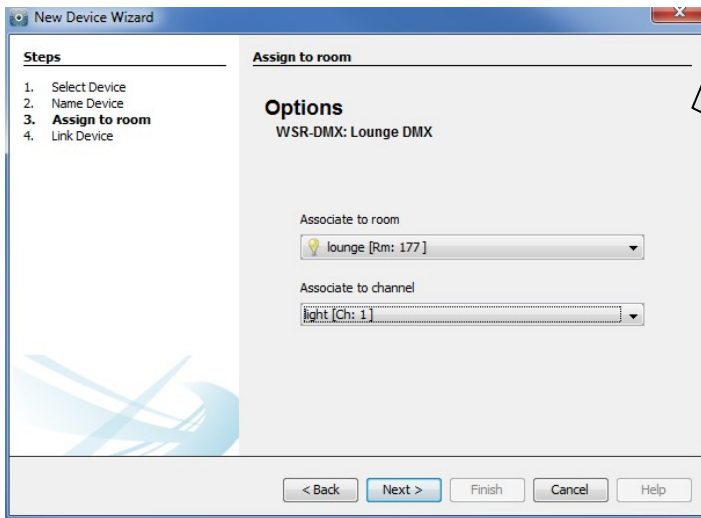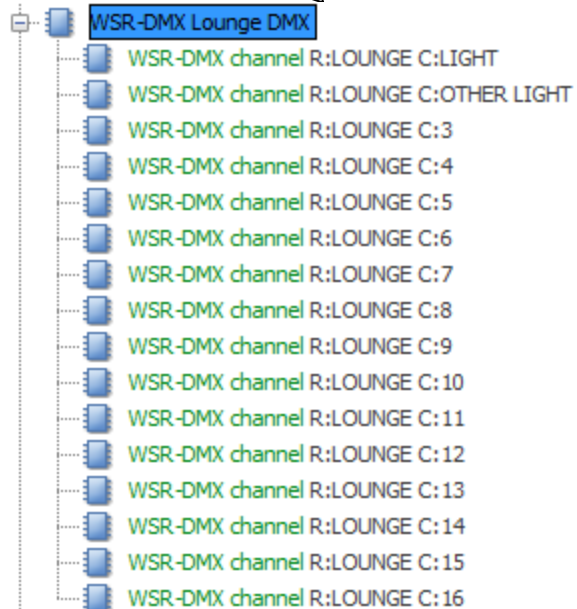

Fig. 1

Remove top screw and top cover for Set-Up button access

Set-Up button

Hold the setup button down for several seconds until LED in WSR-DMX starts to blink. The RasoftPro program will indicate that the WSR-DMX is ready to be configured.

New Device Wizard

Steps
1. Select Device
2. **Name Device**
3. Assign to room
4. Link Device

Name Device

Device Name

WSR-DMX

Device Name

Device ID

☑ Automatic ID

< Back   Next >   Finish   Cancel   Help

New Device Wizard

Steps
1. Select Device
2. Name Device
3. **Assign to room**
4. Link Device

Assign to room

Options
WSR-DMX: Lounge DMX

Associate to room

💡 lounge [Rm: 177]   ▼

Associate to channel

light [Ch: 1]   ▼

< Back   Next >   Finish   Cancel   Help

Select which room the WSR-DMX will operate in.
Give the WSR-DMX a descriptive name.
Click "Next" then "Finish" to finish adding the WSR-DMX to the system

The WSR-DMX will appear in the RasoftPro Device List.
WSR-DMX has 16 "subdevices" which represent the channels that the WSR-DMX can control.
Selecting the WSR-DMX itself allows general setup of DMX etc. Selection of a subdevice allows setup of specific channel settings

WSR-DMX Lounge DMX
- WSR-DMX channel R:LOUNGE C:LIGHT
- WSR-DMX channel R:LOUNGE C:OTHER LIGHT
- WSR-DMX channel R:LOUNGE C:3
- WSR-DMX channel R:LOUNGE C:4
- WSR-DMX channel R:LOUNGE C:5
- WSR-DMX channel R:LOUNGE C:6
- WSR-DMX channel R:LOUNGE C:7
- WSR-DMX channel R:LOUNGE C:8
- WSR-DMX channel R:LOUNGE C:9
- WSR-DMX channel R:LOUNGE C:10
- WSR-DMX channel R:LOUNGE C:11
- WSR-DMX channel R:LOUNGE C:12
- WSR-DMX channel R:LOUNGE C:13
- WSR-DMX channel R:LOUNGE C:14
- WSR-DMX channel R:LOUNGE C:15
- WSR-DMX channel R:LOUNGE C:16

Rako thanks you for having purchased a Rako product and hopes that you are pleased with your system. Should for any reason you need to contact us please contact us via our website www.rakocontrols.com or by phoning our customer help line on 01634 226666.