

RGB RF Remote & RF Receiver Instruction Manual

Features

Remote Controller

Compact Ergonomic Design
Power On / Off Button
Instant "White" Select Button
Brightness Control (All Modes)
Variable Colour Select Disc
Colour Fade Mode

RF Receiver

Designed to control RGB ProFlex and / or LED Light Panels
Compact & Flexible Design, can be mounted to suite most installation requirements
24v Input
15A Output Current
Compact Antenna (can be moved to suite location)

Set Up

Using the terminal block on the side of the RF Receiver unit, connect the LED lighting units to the appropriate output terminals.

Connect the Antenna to the appropriate terminals.

Connect a suitable 12v or 24v power supply unit to the input terminals.

Important

Before connecting the PSU to the mains electricity supply for the first time, please fit 3 x AAA batteries into the hand held remote control transmitter unit. This needs to be done at this stage as the remote control transmitter may need to be paired with the RF Receiver Unit.

To test if the remote control transmitter is paired to the receiver, plug in the PSU and then press the Red Power button on the remote. If the LED lighting respond to the remote then no further pairing is necessary. If it does not respond then remove the power from the PSU and follow the procedure for pairing a new remote control transmitter as detailed below.

Pairing the Remote Control Transmitter

Note: This should only need to be done once, but if for any reason the LED lighting does not respond to the remote transmitter, (after first replacing the batteries for new ones), try pairing the unit to the RF receiver again.

After setting up the LED lighting units as detailed above apply power to the RF Receiver then press the "Brightness Increase" key (top key on the remote controller) once within 3 seconds of the power being re-applied to the RF Receiver. The LED's should flash three times to indicate that the remote control is successfully paired to the RF receiver.

To clear a paired remote control unit, remove power from the RF Receiver and then re-apply the power. Press the "Brightness Increase" key (top key on the remote controller) four times within 3 seconds of the power being re-applied to the panel. The LED's on the lighting unit should flash six times to indicate that the remote control has been successfully removed from the RF receiver.

Remote Operation

After applying power to the LED lighting the LED's would normally illuminate white.

Note: White on an RGB unit is composed of Red Green & Blue so is normally tinted a light blue.

Switching on the LED Unit

Once powered on for the first time and paired with the remote control unit, the LED Lighting can then be switched on and off using the central Red Button on the remote control unit.

Note: There is no need to remove power to the PSU; the LED lighting should be switched on / off using the remote control.

Selecting White

Switch on the LED lighting using the red power button as detailed above then press the “White Select Button” (to the right of the red power button). This illuminates the LED unit “White”.

Colour Selection Modes

There are two colour modes selectable by the remote control, manual colour selection and slow colour fade.

Manual Adjustment

To adjust the colour manually, i.e. Select or mix your own colour, switch on the LED unit using the red power button then press the “Colour Select Button”, (to the left of the red power button). The LED unit will then change to the last colour selected. The colour can then be adjusted by running your finger around the “Colour Disc” on the remote control unit. Once the required colour has been selected, the LED unit can be switched to white (using the “White Select” button or powered off. When the LED unit is switched on it will illuminate in the last colour selected at power off. When the “Colour Select” button is next pressed, the LED unit will illuminate at the last colour selected on the “Colour Disc”.

Slow Fade Mode

Switch on the LED unit, then press and hold the “Colour Select” button for four seconds. The LED lighting will then slowly sequence through all the various colours. Pressing the “Colour Select” button at any point during this sequence will hold the fade program at the selected colour. To continue with the colour fade, press and hold the “Colour Select” button again. The colour fade sequence will then resume.

Adjusting the Brightness

Control over the brightness is achieved using the up and down buttons situated above and below the red power button. By pressing the buttons intermittently, the LED brightness will increase or decrease.

Note: If the LED brightness is reduced and then switched off, when it is switched back on using the remote control, it will remember the brightness setting last used.

Changing the Batteries in the Remote Control Unit

If the Remote Control unit does not respond or if the range of the unit seems diminished then it may be time to change the batteries.

To do this remove the battery cover by sliding it towards the bottom of the remote control unit. Replace the batteries with good quality, long life AAA size batteries. Take care to install the batteries so that the spring locates to the negative terminal on the battery.

Note: Should the colour disc not respond well to the touch, try removing the batteries and reinserting them.

Important: When changing the batteries, please operate the remote control unit within 3 seconds of the new batteries being installed. Should the panel not respond to the remote control, try the remote control pairing sequence as detailed earlier.