

# Outlook Infra-red Hand-held Transmitter

# Instruction Sheet

Outlook Hand-held Transmitter (63042) is a remote control accessory for the Strand Lighting Outlook lighting control system. It is intended for use

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in-doors in conjunction with one or more Outlook wall mounted I/R Receiver stations (63043), supplied separately.

## Contents

The carton should contain:-

- Item 1 Hand-held Transmitter (in protective bag)
- Item 2 Battery (located inside Transmitter)
- Item 3 This leaflet

Please examine the product and inform your supplier of damage or shortage immediately.

This instruction leaflet should be passed to the end user who should retain it for reference.

## Caution

The Transmitter contains no user serviceable parts, other than the battery which is accessible via a flap in the base. The case fixing screws should only be opened by qualified staff in a Electrostatic controlled environment.

Care should be taken to ensure that the Transmitter is not dropped or subjected to high temperatures which might damage the case. The unit may also be damaged by liquid spills.

Always remove batteries immediately they become flat as there is a risk of leakage and subsequent corrosion. Flat batteries should be disposed of responsibly with due care for the Environment. If the Transmitter will not be used for a period of more than 3 months the battery should be removed.

## General Specifications

### 63040

Overall dimensions:	4.5"L x 2.75"W x 1.5"D (115 x 70 x 38mm)
Weight (inc battery)	6.8oz (192g)
Case Material	High Impact Polystyrene UL94 HB
Battery Type	9V Alkaline (6F22 / PP3 / 6AM6 / MN1604 / 6LR61 /E-BLOCK)
Transmission Medium	Modulated Infra-red light
I/R Range	50ft (15m) in a typical room
I/R Wavelength	880nm

## Preparation for Use

Remove the Transmitter from its packing. The unit is shipped with the battery disconnected to prevent accidental activation in transit and this must be re-connected. Open the battery compartment on the rear of the Transmitter by pressing down on the word "OPEN" and sliding the cover flap in the direction of the

arrow. Remove the battery and plug the connector onto the terminals, ensuring that good contact is made. Refit the battery and carefully lay the wires along side ensuring that they will not be damaged when the cover is refitted. Slide the battery cover back into position. Test that the unit is working by pressing and holding down each of the 8 keys in turn. The green LED should be seen to flash slowly while each key is held. If the LED does not flash check the battery connections and then check that the battery is not flat.

Before the control can be used in conjunction with the Outlook system the Infra-red Receiver stations must be installed and presets recorded in the dimmer racks. Instructions for installation of the Receiver stations are included with each station and reference should be made to the dimmer operating instructions to record the lighting presets.

## Operational Features

To conserve battery life the electronics of the Transmitter “shut down” when no keys are pressed and are re-energized when any key is touched. Battery life will be greatly reduced if the keys are left depressed (e.g. by an item standing in the Transmitter).

Keys 1 through 7 select previously corresponding recorded presets numbers held in the dimmer racks (or the analogue interface card if the dimmers do not support Outlook functionality) and the key marked “OFF” fades all channels to zero.

Each Receiver station has an internal rotary control to identify its room number and the Receivers are therefore room specific. The transmitter will operate in any room, however, allowing it to select the appropriate preset for each room as the user moves round the building.

Only one Transmitter may be in use in a room at any time.

Although limited range communication can be achieved by reflection of I/R from walls and ceilings, the Receiver should be located so that the Transmitter can easily and comfortably be pointed towards it. The Receiver can be saturated by high light levels or the broad spectrum of “noise” produced by fluorescent lighting. Care should be taken to install Receiver stations so that light is not directed into the window. The operating range may be reduced in rooms with fluorescent lighting.

A green LED on the Transmitter flashes slowly when any key is pressed and a red LED behind the window of the Receiver will light when data is being detected. If the Receiver’s LED fails to light, point the Transmitter directly towards the Receiver’s window or move closer. Loss of range may be caused by the battery starting to fail, in which case it should be replaced immediately.

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