



Installation and Maintenance Instructions for 395-5925 (6310-7141-1602) Infra-Red Transmitter



1.0 General Details

The **hergalite™** infra-red remote control systems provide a reliable and secure method of electrically controlling functions without the requirements or limitations of cabling.

The transmitter is powered by a 9 volt PP3 battery, supplied with the transmitter but not fitted.

To enable more than one system to operate in close proximity without interfering with each other, the control signal is coded. The control board and its associated transmitter must be set to the same code; details of how to set the codes are contained in Section 3.

2.0 Transmitter Battery

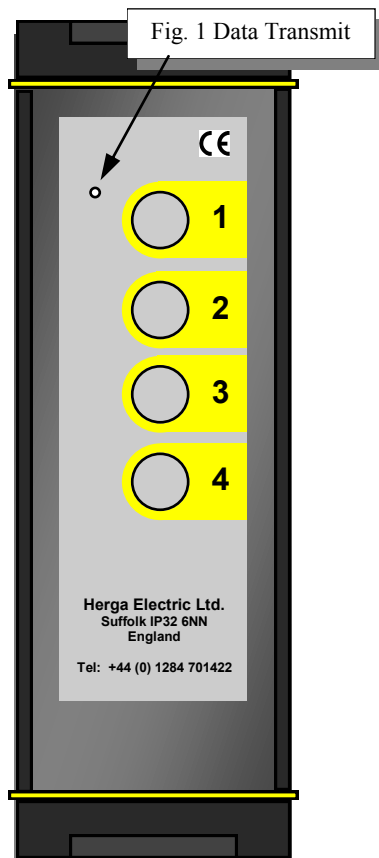
To fit the battery to the transmitter, remove the metal cover on the base of the transmitter housing by levering it off with a small screwdriver. This exposes the battery Housing. Prise open the lid of the battery housing and lift out the battery connector.

Remove any protective wrapping from the battery and press the battery connector firmly onto the battery.

Slide the battery into its housing, connector outwards, and reassemble the covers ensuring that the seal on the metal cover is not damaged.

The transmitter has a low battery warning combined with a data transmit LED in the front panel. The LED will fail to illuminate

when the battery voltage drops toward a voltage at which the transmitter will not work but before the transmitter ceases to function.



3.0 Code Setting

If more than one system is to be used in close proximity, each system can be set to a unique code such that one transmitter will not operate another control. This facility can also be used for low level security purposes.

When used with a 4 Channel control there are 256 separate codes that may be utilised.

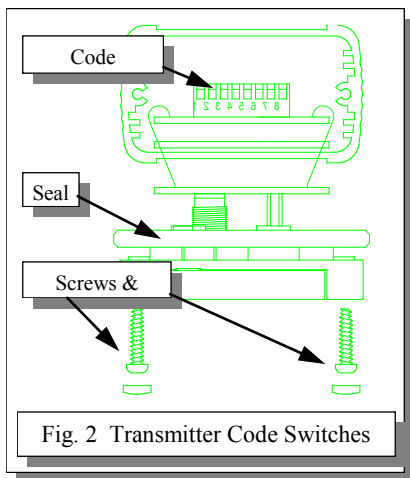
3.2 Setting the Transmitter Code

Carefully prise out the two **plugs** from the front endcap and unscrew the screws which clamp the endcap to the housing.

Remove the endcap taking care not to damage the wires between the endcap and the control PCB.

Locate the 8 pole switch SW1 in the centre of the Printed Circuit Board. (See Fig. 2)

Set the eight switches to the same pattern as the Code Selection switch in the control.



It may be advisable to test the operation of the transmitter with the control before reassembling.

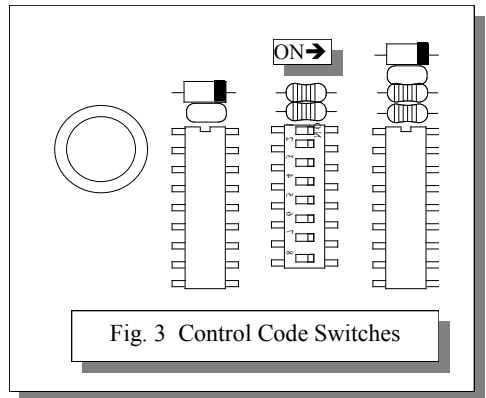
Refit the endcap to the housing ensuring that the **seal** is correctly fitted and that the wires are not trapped. Tighten the two **screws** securely and press in the **plugs**.

4.0 Operation with 8 Channel Control

When the four channel transmitter is used with the **397-0031** (6311-1183-3500) 8 Channel Control the number of codes is reduced to 128, these are set by switches 1 to 7 in both the transmitter (see Fig. 2) and the control (see Fig. 3). Switches 1 to 7 must be set in the same pattern in both the transmitter and control otherwise the system will not function.

Switch 8 in the transmitter determines whether the control outputs 1 to 4 or 5 to 8 are enabled.

The transmitter must be set to the same code as the control otherwise the system will not operate. See the manual for the relevant control.



Herga Technology Ltd.,
Northern Way, Bury St. Edmunds,
Suffolk IP32 6NN England

Tele: +44 (0) 1284 701422 Fax: +44 (0) 1284 753112

E-mail sales@herga.com