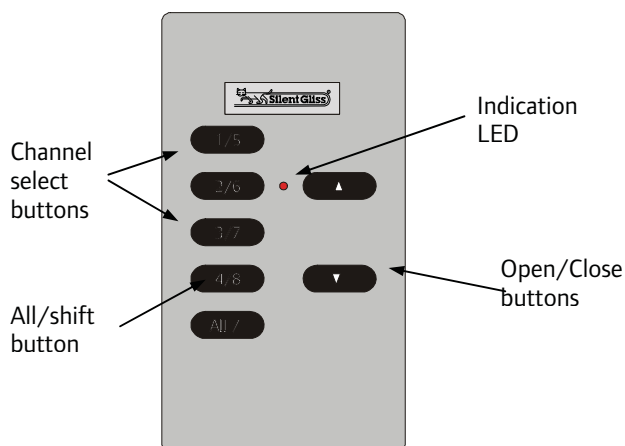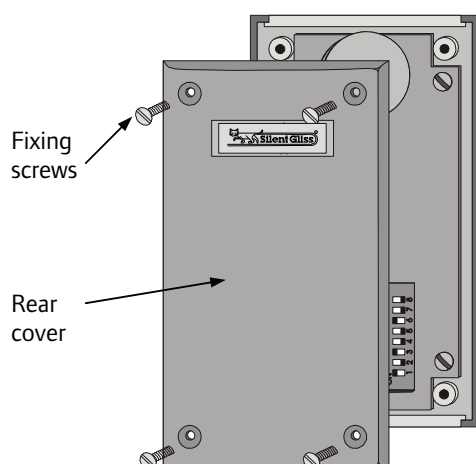# 8 Channel Hand Held Transmitter (0916) Programming and Operating Instructions.

General

Silent Gliss hand-helds are designed for use with Silent Gliss 0918 and 0919 motor control modules only.

Channel select buttons

Indication LED

Open/Close buttons

All/shift button

Fig. 1
Front View
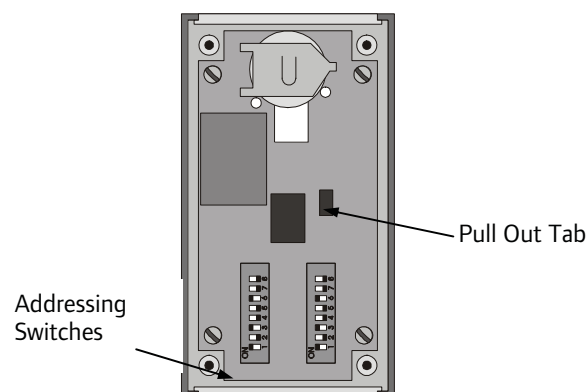
Fixing screws

Rear cover

Fig. 2
Rear View

Setting Up and Addressing the Units

Note
Silent Gliss hand-held transmitters are supplied with a pullout tab to prevent inadvertent operation and battery deterioration during transit. To remove this and to access the address switches remove the rear cover.

Rear cover removal.

Remove the rear cover by undoing the four fixing screws (see Fig.2) and gently pulling the rear cover away.

Pull Out Tab

Addressing Switches

Fig. 3
Rear View with cover removed

Checking for correct operation

With the rear cover removed pull out the tab protecting the batteries (see Fig.3); the Silent Gliss transmitters should now be operational. To check this press one of the buttons on the front of the PCB retainer and the indicating LED should illuminate briefly for a single flash. If the LED does not flash or it flashes repeatedly for a short burst (low battery warning) then you should contact your Silent Gliss dealer.

Set-up and Addressing

To avoid interference between adjacent rooms of a house and neighbouring houses as well as allowing individual control of separate curtains/blinds within a room Silent Gliss radio transmitters employ a structured addressing system.
Silent Gliss transmitters use a structure based on house, room and channel addresses. Using the two banks of DIL switches on the back of a wall panel or hand control (see Fig.3) a House address can be selected from one of up to 255 possible addresses and a Room address from one of up to 255 possible addresses.

Note
House 0 is not a valid address and Room 0 is a special address which gives overall control for a whole house. Room 0 should not be selected as a Room address without careful thought regarding the application.
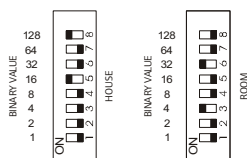
Setting an address is the way in which interference between other Radio Controlled Silent Gliss systems, either with other rooms within your house or neighbouring houses is avoided. It should be remembered that a Silent Gliss transmitter may have a range of over 100m.

Silent Gliss transmitters come set with a default address of House 1, Room 4, Channel 1 and whilst the unit will function with this address it is strongly advised that a specific and logical address for both House and Room be selected
Modules can be given channel addresses from 1-8 allowing control from the 8 channel wall switch or hand held transmitter.

Some advanced grouping arrangements are possible allowing banks of modules to be controlled as groups within a room. Systems with advanced programming need to be factory set. For more details contact Silent Gliss.

Setting an Address

House address = 128+16=144

Room address = 32+4=36.

Fig 3.
Addressing Switches

Once the addresses have been set it is strongly recommended to keep a note of the settings and to keep these in safe place. Whilst it is easy to set the addresses, those of the receiver units are normally only set once. To do so requires access to the units and once set these may be installed in inaccessible positions. If, therefore the wall-plate address get changed for any reason and the original settings cannot be remembered then access to the receiver units will be needed for reconfiguration.
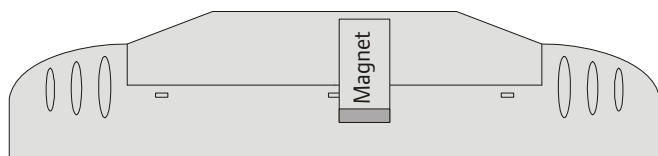
Setting receiver addresses.

Once a House and Room number have been selected on a control panel these need to be transmitted to each receiving module along with a valid channel number. This is done by one of two methods using a Silent Gliss wall mounted switch or transmitter. The method varies depending on whether an 8 or single channel version is being used.

Note
When addressing from a single channel version only channel one can be set. If a single channel controller is being used in the same room as an 8 channel version then it is strongly advised to program using the 8 channel controller.

To send an address to a receiver unit, the module needs to be put into receive mode. To do this hold the magnet provided against the side casing in the position indicated by the label and as shown below.

Fig 4. Set-up Magnet Positioning

Once the magnet is in the correct position an internal LED will illuminate. If the magnet is held in position for approximately 5 seconds the LED will start to flash, this flashing indicates that the unit is ready to receive an address from a transmitter.
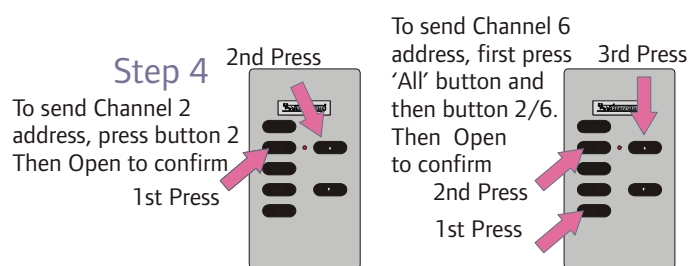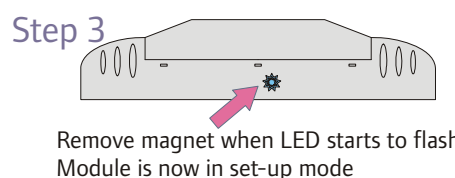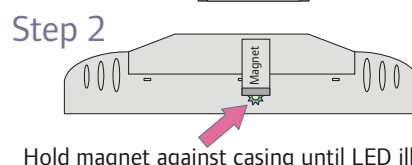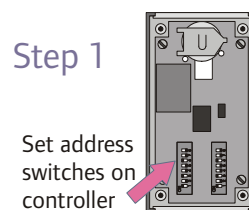
Sending address from an 8 channel transmitter

From either a Silent Gliss 8 channel wall switch or hand-held transmitter (both are functionally identical) press the appropriate channel button with the receiving module set with the LED flashing. To send Channel addresses 1-4, select the channel by pressing the appropriate channel button and then send the command by pressing the Open button. This action automatically sends the House, Room and selected Channel address. To select addresses 5-8 the 'All' button needs to be pressed (to shift the pad into 5-8 mode) and then send by pressing the Open button. As soon as the receiver gets a valid address it automatically drops out of set-up mode.

Note
If a receiving unit, in set-up mode, does not receive a valid address within 3 minutes the receiver will automatically drop out of set-up mode.

Setting an address from an 8 channel controller

Step 1

Set address switches on controller

Step 2

Hold magnet against casing until LED illuminates

Step 3

Remove magnet when LED starts to flash
Module is now in set-up mode

Step 4

To send Channel 2 address, press button 2 Then Open to confirm

2nd Press

1st Press

To send Channel 6 address, first press 'All' button and then button 2/6. Then Open to confirm

3rd Press

2nd Press

1st Press

E-mail: info@silentgliss.co.uk
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Operation

8 Channel Transmitters

To control a Silent Gliss curtain/blind unit from a transmitter select the channel to be controlled by pressing the appropriate button and then pressing either the open or close buttons. To control channels 5-8 then use the 'All' button to shift the button pad so that pressing button 1/5 selects channel 5 and so on.

To control all of the channels together press the 'All' button and then either the open or close buttons.

Care and maintenance

Battery replacement

The Silent Gliss series of transmitters are designed to be powered by batteries. The designed battery life is better than 3 years (based on 30 button presses daily) but the batteries will eventually need replacing. In normal use the LED on the front panel illuminates momentarily when a button is pressed to indicate that a (radio) transmission has been made. When the batteries are approaching the end of their useful life the LED will continue to blink after a button has been pressed. When this starts to happen the batteries should be replaced as soon as possible.

Always use two CR2016 type batteries.

To replace the batteries unscrew the front plate and remove the PCB retainer, taking care not to damage the aerial (note that when flush mounted the aerial may be located in a hole outside the back-box). Remove the rear cover and carefully slide out the batteries. Replace with new batteries ensuring that the positive (+) terminal makes contact with the battery clip and the negative (-) terminal with the pad on the circuit board.

To ensure reliable operation always ensure that battery contacts and battery surfaces are kept clean of any grease, moisture or other contamination.

Warning

Lithium batteries may explode if handled incorrectly. Always dispose of used batteries in accordance with manufacturer's recommendations.

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