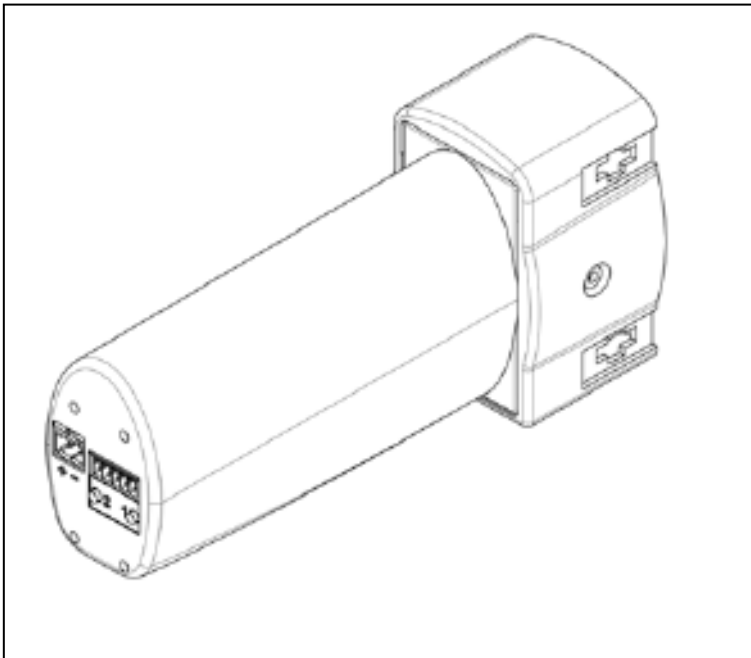# User Manual

Motor Silent Gliss® 9041
Installation, Programming and Operating Instructions

UK Version

Table of Contents

Please read chapters "intended application" and "Safety Instructions" in the user manual for the motor, before installing or connecting. Non-observance as well as opening and manipulation of the motor will result in voiding of the Silent Gliss liability and warranty.

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1   General

Silent Gliss 9041 curtain track motor is fitted with an RF receiver module allowing control from the Silent Gliss range of Single, Multi channel or 8 Channel RF hand held or wall mounted transmitters. The RF receiver module is factory fitted into the motor mother board and no access or maintenance is required.

The wall switches and hand-held controllers communicate with the modules using coded FM radio control signals.

2   Motor Set-up and Addressing

For power connections and motor button functions please see the manual supplied with the motor. No DIL switches need to be set up, the motor is supplied ready for the receiver module to be set.

3   RF Controllers 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 units employ a structured addressing system.

Silent Gliss radio units use a structure based on house, room and channel addresses. Using two banks of DIL switches on the back of a wall switch or hand held transmitter (See Fig. 3.1) a House address can be selected from one of up to 255 possible addresses and a Room address from on of up to 255 possible addresses, or electronically within the 0939 hand set.

Please ensure the specification details below confirms with the necessary regulation in the intended country of use and the radio frequency is approved for that country.

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 though regarding the application.
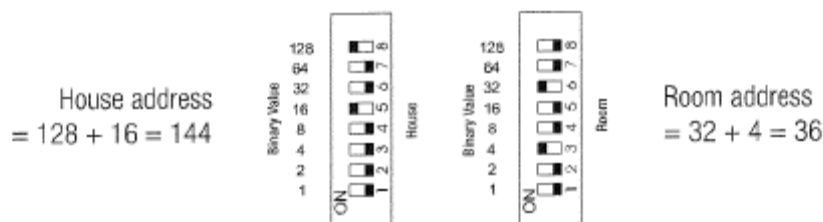
Setting an address is the way in which interference between other Radio Controlled Silent Gliss units is avoided, either with other rooms within your house or neighbouring houses. It should be remembered that a silent Gliss transmitter may have a range of over 100m.

Silent Gliss controllers 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. Units can be given channel addresses from 1-8 allowing control from an 8 channel wall mounted switch or an 0939 multi channel handset.

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

3.1 Setting an Address

Each Silent Gliss transmitter wall switch has two, 8 way banks of switches for setting it's address. The two sets of switches allow the user to choose from 255 house addresses and 255 room addresses. To set the address, remove the rear cover (refer to controller manual for details), whereupon the banks of switches will now become visible. To set an address, use a small terminal screwdriver or similar device and carefully move some of the switches into the 'ON' position. Addressing uses binary encoding and the value of the switches is shown below.

On the 0939 this information can be programmed by means of the setting procedure in the hand set manual.

3.2 Addressing Switches

Once the addresses have been set it is strongly recommended to keep a note of the settings and to keep these in a 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 switch address gets changed for any reason and the original settings cannot be remembered then access to the receiver units will be needed for reconfiguration.

3.3 Setting receiver addresses

Once a House and Room number have been selected on a wall switch or transmitter 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 switch or transmitter. The method varies depending on whether an 8 or single channel version or a 0939 multi channel transmitter.
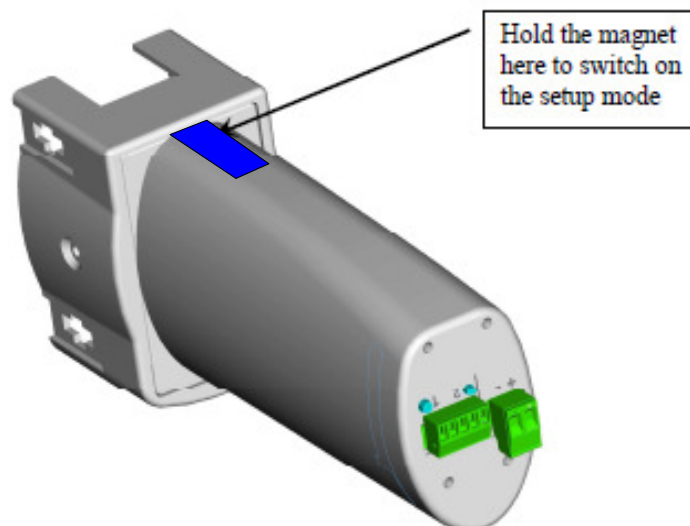
Note
When addressing from a single channel version only channel one can be set. If a single channel controller is being used in the same room as an 8 or multi channel version then it is strongly advised to program using the 8 channel or multi channel controller.

To send an address to a receiver unit, the unit 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.

3.4 Set-up Magnet Positioning

Once the magnet is in the correct position as below. The magnet is held in position for approximately 10 seconds the unit is now ready to receive an address signal from a transmitter.

Hold the magnet here to switch on the setup mode

3.5 Sending address from an 8 channel wall switch

From a Silent Gliss 8 channel wall switch press the appropriate channel button with the receiving unit 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.

3.6 Sending address from a single channel transmitter

From either a Silent Gliss single channel wall switch or hand-held transmitter (both are functionally identical) press and hold both buttons for 5 seconds. After 5 seconds the unit will automatically send a channel 1 address. The red LED on the transmitter will flash to confirm that this has been sent. As soon as the receiver gets a valid address it automatically drops out of set-up mode.

3.7 Sending an address from an 0939 multi channel hand set

From the 0939 handset navigate to the appropriate system / channel then send the setting command by pressing 'open' for 1 second. This action automatically sends the House, Room and selected system / channel. As soon as the receiver gets a valid address it automatically drops out of set up mode.
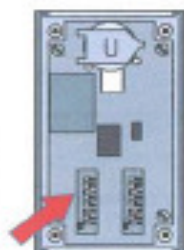
3.8 Reversing the motor direction

Reversing the motor direction can be achieved during addressing using an 8 channel controller or 0939 handset. This is simply done on the final press using the closed command instead of the open.

4 Setting an address from an 8 channel controller

Step 1

Set address switches on controller

Step 2

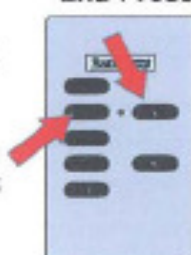Hold magnet against casing until LED illuminates

Step 3

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

Step 4

2nd Press

To send Channel 2 address, press button 2 Then Open to confirm
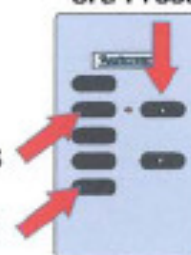
1st Press

3rd Press

To send Channel 6 address, first press 3rd Press 'All' button and then button 2/ 6. Then Open to confirm
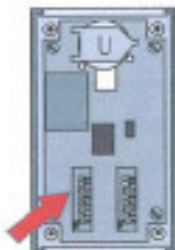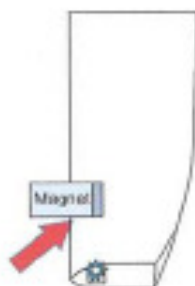
2nd Press

1st Press

5 Setting an address from a single channel controller

Step 1

Set address switches on controller

Step 2

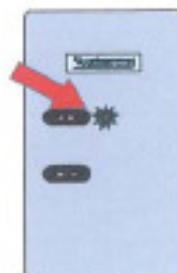Hold magnet against casing until LED illuminates

Step 3

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

Step 4

Press an hold both buttons for 5 seconds
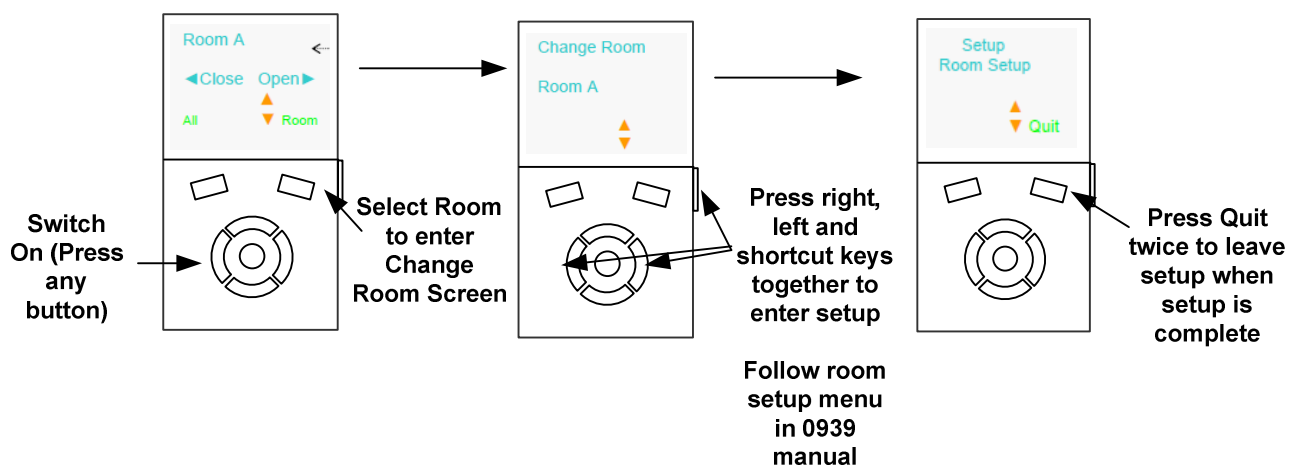
LED flashes to confirm address command is send
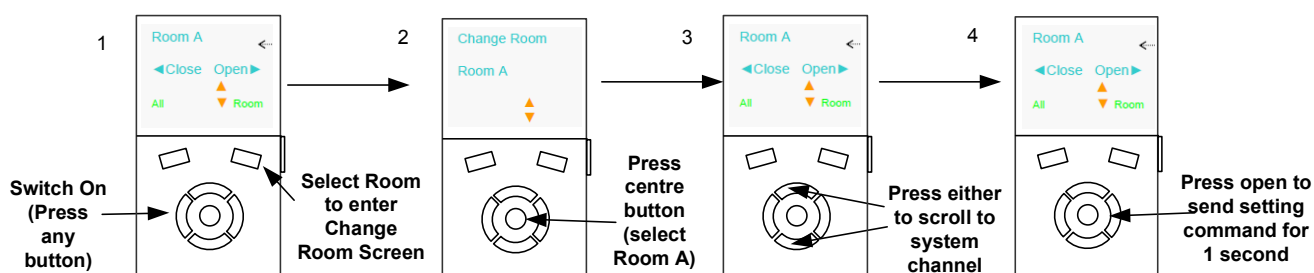
6 Setting an address on a 0939 handset

Refer to 0939 manual for complete house or room address setting procedure if standard settings are not to be used.

Sequence for accessing House & Room setting procedures

Switch On (Press any button)

Select Room to enter Change Room Screen

Press right, left and shortcut keys together to enter setup

Follow room setup menu in 0939 manual

Press Quit twice to leave setup when setup is complete

If standard Room set up is used.

Navigate to address required on standard room set up.

1 **Switch On (Press any button)**

Select Room to enter Change Room Screen

2 **Press centre button (select Room A)**

3 **Press either to scroll to system channel**

4 **Press open to send setting command for 1 second**

7   Operation

7.1 8 Channel Wall Plate

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 of close buttons. To control channels 5-8 then use '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.

7.2 Single Channel Transmitters

2 button transmitters only allow simultaneous of all channels in a room.

7.3 0939 multichannel transmitter

To control a Silent Gliss curtain/blind unit navigate to the required systems/channel and then press open/close or stop, repeat the process for further systems.

8 Programming Limits by means of Programming Buttons on Motor or Programming Cable SG 5651

The following table shows the different steps required to program the final end limits either by the programming buttons on the motor or the SG 5651 cable. If the programming cable SG 5651 is used to program the end stops, it is required to plug it into the Dry Contact Switch connection before programming.

Step	To Do	Result
1	Disconnect power supply of the motor for 5 seconds and make sure that the motor will have permanent power when reconnected. Typically unplug power lead from motor.	
2	Reconnect power and simultaneously push programming button 1	Acoustic Signal
3	Simultaneously press both buttons (1&2) and hold depressed for at least 6 seconds. After 3 seconds motor will sound. Do not release both buttons. Wait until motor sounds for the second time. Motor is then in programming mode for 3 minutes.	Acoustic Signal after 3 and 6 seconds.
4	Use programming button 1 to drive the system to first end stop position. Then press both buttons simultaneously for at least 3 seconds until you hear the acoustic signal. This end position is then stored.	Acoustic Signal
5	Use programming button 2 to drive the system to the other end stop position. Then press both buttons simultaneously for at least 3 seconds until you hear the acoustic signal. This end position is then stored.	Acoustic Signal

9 Troubleshooting

Transmitter is working and receiver light is on but system doesn't work:
- Reset the unit using the magnet.

Transmitter is working but the receiver light is flashing:
- Reset the unit as above.

There's no light from the transmitter:
- Check the batteries.

There's no signal:
- Check the power supply.