SKYLIGHT
SHUTTER
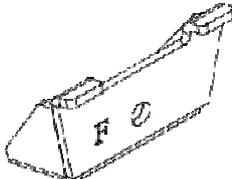# FITTING INSTRUCTIONS

STYLISH, MADE-TO-MEASURE SOLUTIONS

FITTING
INSTRUCTIONS

Your skylight shutter has been specifically designed for your Velux or Fakro skylight window. These instructions will help with the installation of your skylight shutter. Should you experience any difficulties please refer back to the retailer in the first instance.

Your skylight shutters comes in an 89mm louvre. The mechanism that tilts the louvres is hidden within the shutter itself. If you have the manually operated skylight shutter simply move one louvre and this will in turn move the rest. Should you have the remote control option simply select the louvre position you require and the louvre will move to this position automatically.

HARDWARE

Your skylight shutter comes with the corresponding brackets for the skylight window. Please see below the corner brackets which will have been supplied according to the model you have chosen, corner bracket (V-L) / (V-U) / (F): included with shutter.

MODEL TYPE	CORNER BRACKET TYPE
Velux - GGL/GPL/GHL	
Velux - GGU/GPU/GHU	
Fakro	
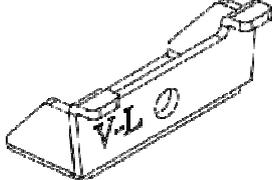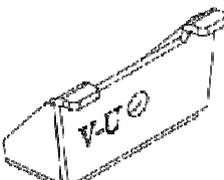
HARDWARE SUPPLiED:

The following hardware is supplied with the different model types.

FOR VELuX	NO CENTER sTiLE	wiTH CENTER sTiLE	sCREw QTY PER EACH
Barrel Bolt Qty	2	3	4
L Bracket Qty	2	3	2
Corner Bracket (V-L) Qty	4	6	1
Corner Bracket (V-U) Qty	4	6	1

FOR FAKRO	NO CENTER sTiLE	wiTH CENTER sTiLE	sCREw QTY PER EACH
Barrel Bolt Qty	2	3	4
L Bracket Qty	2	2	2
Corner Bracket (F) Qty	4	5	1

These corner brackets must be installed on the sash of the Velux/Fakro roof window, two at the top and two at the bottom.

Note the corner brackets position:
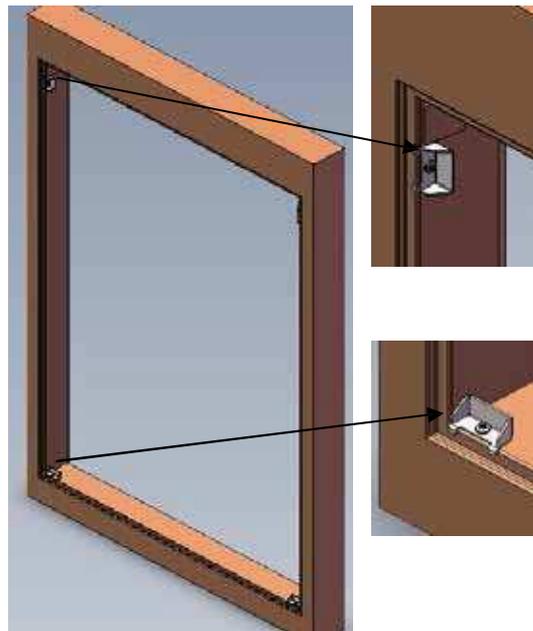
• Top brackets: Vertical
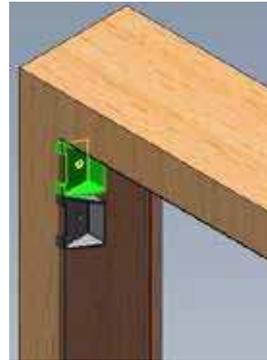
• Bottom brackets: Horizontal

Position to install the top corner brackets:

For Velux

Install the corner brackets below the block rubber.

For Fakro

Install the corner brackets 1 bracket below. Use 1 bracket (provided with the package) as a measurement device (see picture).

Position to install the bottom corner brackets:

For both Velux & Fakro

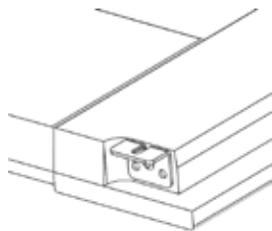- Make sure that the corner bracket is positioned against the corner.
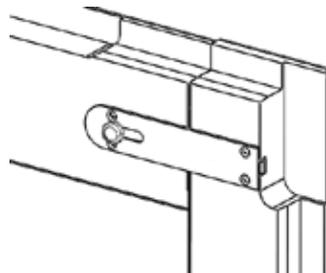- Make sure that the two legs on the bracket are lined up against the window edge.

MANUALLY OPERATED SHUTTER

Your skylight shutters come with pre-installed brackets and latches which will slot into the brackets which you have attached to the actual skylight window.

L Bracket: Pre-installed

Latch for roof window shutter: Pre-installed

REMOTE CONTROL SHUTTER

If you have ordered the remote control skylight shutter this has been supplied with a battery pack. Please note that these batteries must be new and of high quality i.e. Duracell.

For the remote control shutters two latch rims with knobs will be placed at the front of the shutter. This ensures that should the batteries run out of power the panel itself can still be removed for battery replacement or maintenance. Please see picture below.

Latch knob   Latch rim
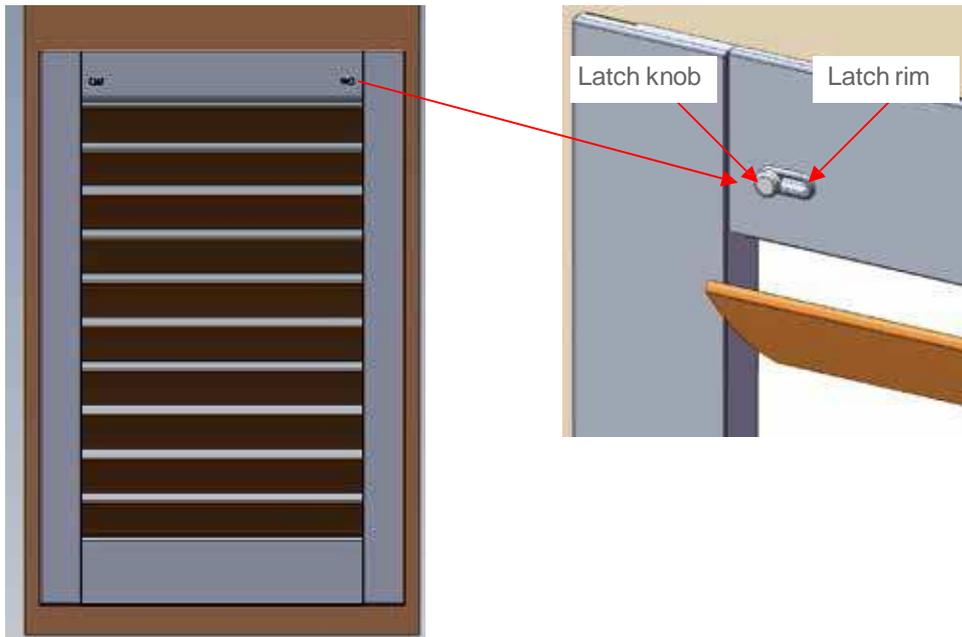
GETTING
STARTED

BATTERY INSTALLATION

Remote Control

The RF remote control requires 2 AAA batteries. To install the batteries, turn over the remote and open the cover. Insert batteries (AAA batteries *2) 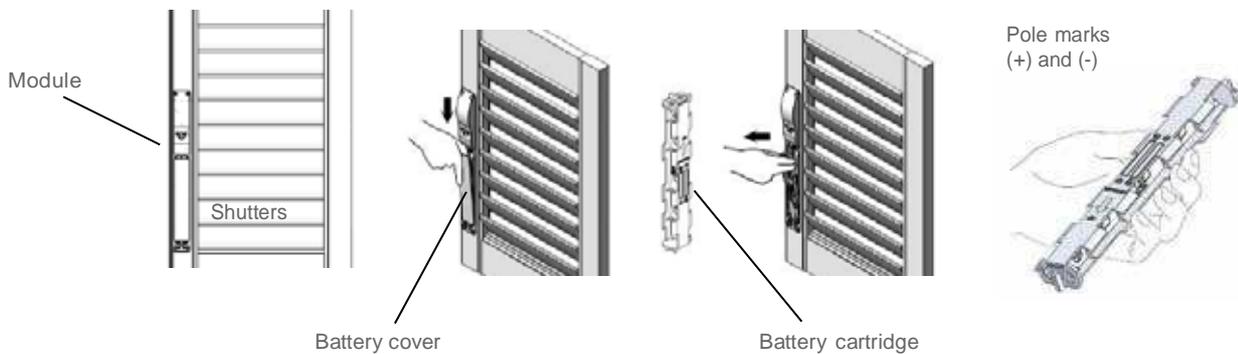matching the (+) and (-) marks and cover the bottom cover. If the battery has been properly installed, the screen bar will light up.

Screen bar light

Remote
Control
back cover

Back cover

Module

The order in which batteries are installed in the receiver/driver affects how your shutters are programmed. Please see "Programming Instructions" for details. To install batteries to open the battery cover. Remove the battery cartridge. Insert batteries (AA batteries *6) matching the (+) and (-) marks inside the battery cartridge. Put back the cartridge and reinstall the battery cover.

Module

Shutters

Pole marks
(+) and (-)

Battery cover

Battery cartridge

REMOTE CONTROL BUTTONS AND INDICATORS

Low battery indicator

Timer ON and OFFLED

Group keys "1" through "5" and "All" key

8 "Angle keys

Screen bar light
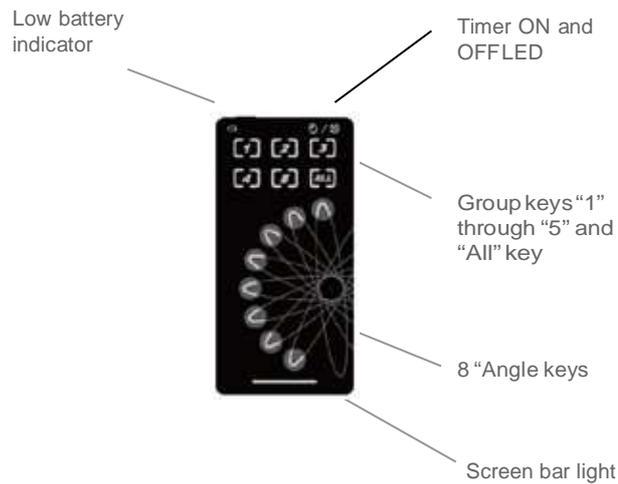
REMOTE CONTROL SPECIFICATIONS

Power: 3V DC (AAA Alkaline batteries 1.5V x2)
Dimensions: 122 x 62 x 16mm

BASIC PROGRAMMING TUTORIAL

Why program?

The programming function allows you to group shutter motors together in 1 of 5 groups. Each of the number keys towards the top of the remote control numbered "1" through "5" corresponds to a single group. Each group can consist of unlimited numbers of shutters that are in range. The "All" key controls all groups at once. Grouping motors together allows you to move all the motors in that group in sync, for instance all the shutters in your living room but not those in your kitchen, or all the shutters on the west wall of your room but not the south.

It should be noted that you can only programme one remote control unit with a set of remote shutters, so multiple remote controls cannot be used to control the same remote shutter set.

Using Angle Keys

Beneath the 2 rows of number keys and "All" key as described above, are the 8 "Angle" keys that are arranged in a semi-circle arch. Each of the "Angle" keys corresponds to a desired tilting position, spanning the entire arc of the louvre's movement. For instance, the top button in the arch (the 5th one down from the top button of the arch) would tilt the shutter at the maximum horizontal position to provide maximum openness, and the bottom most button would close the shutter in a downward position.

BASIC PROGRAMMING TUTORIAL continued

How to group shutters (step 1)

Your RF system has not been pre-programmed. To begin programming, only install the batteries into the motor modules you'd like to be in the first group. At this point, do not install the batteries for motor modules that are to be assigned in other groups, since any modules that has been powered on and can receive a signal from the remote control, and has not been already programmed, will be programmed in this step.

With batteries installed in all group 1 modules only, press any one of the eight "Angle" keys. It does not matter which one you push. Now, press the "Number" key you'd like to program. For instance, if you'd like to assign button "1" to all modules powered on right now, press "1" now.

How to group shutters (step 2)

After you have pressed "1", this concludes the first step. In the second step, install all the batteries to modules in the second group. Do not take out the batteries from the modules that have been assigned to group 1. With batteries installed in all group 1 and group 2 modules only, press any one of the eight "Angle" keys. It does not matter which one you push. Now, press the "Number" key you'd like to program. For instance, if you'd like to assign button "2" to the second group of modules you have just installed batteries for, press "2". This concludes step two. You can repeat the process up to 5 groups.

Reset groups at any time

If you want to reset any of the modules at any point, just take out the battery and then re-install it.

Using your remote

With all groups programmed, you can easily tilt any group of shutters. To begin, first press the "Angle" key that corresponds to the angle you wish to tilt. Then press the number key that corresponds to the group number you'd wish to tilt: this will tilt all shutters in the group to the desired position. To tilt all shutters at once, press the desired "Angle" key and then press "All".

Manual Tilting Mode

Your RF system includes a Manual option that allows you to adjust your shutters by hand without a remote control, giving you more control flexibility, as well as the ability to adjust by hand in the event of low or dead battery.

To begin, locate the "M" (Manual) and "R" (Remote control) switches on the Receiver / Driver as pictured.

Turn to "M" temporary manual moving

Retrieve to "R" for driving working
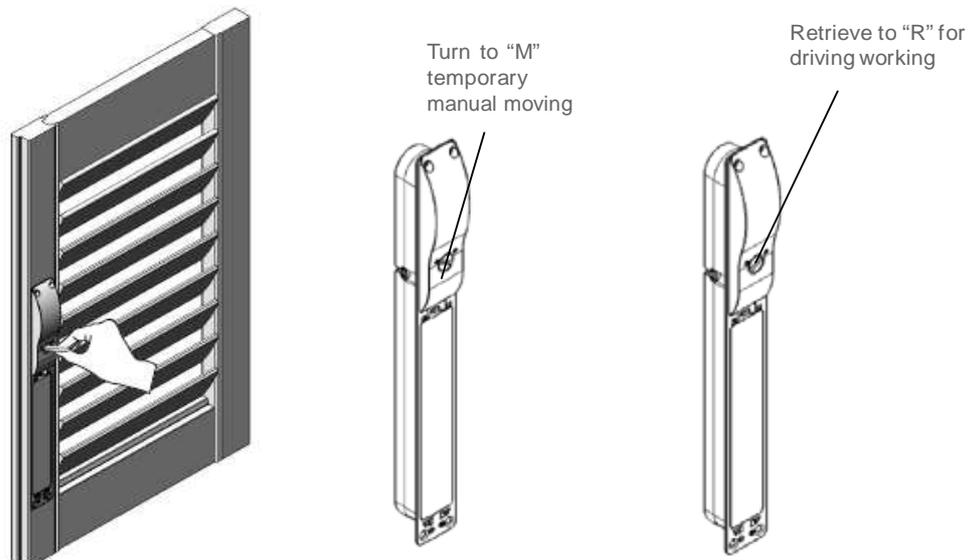
BASIC PROGRAMMING TUTORIAL continued

To switch to Manual mode, use a coin to release the clutch and turn the dial to "M".
DO NOT force the rotation of the louvres. If the dial has been turned to "M" properly, no excessive force is necessary. Forcing the louvres to rotate without releasing the clutch and turning the dial to "M" will cause serious damage to your RF system.

To revert back to "R" (Remote control) mode, install fresh batteries into the driver, turn the dial back "R" and then reprogram

Turn to "M" temporary manual moving

Retrieve to "R" for driving working
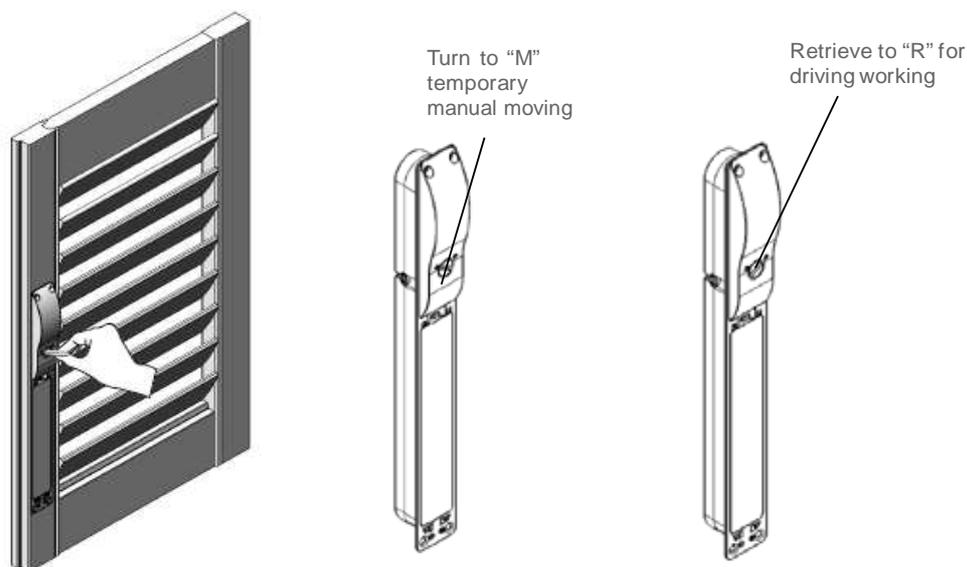
Low Battery Indicator

If the remote control battery is low on power the Low Battery Indicator will signal a longer 5-second flash after you push a button on the remote. If the Module is low on power the Low Battery Indicator will signal a series of short half-second flashes after you push a button on the remote control.

Sleep Mode

The remote control will go into sleep mode after 15 seconds on non-use. To awaken the device, just pick up the device and the vibrations of your motion will wake up your RF remote control, and the screen bar will light on.

Reset at any time

You may reset the programming on the modules at any time. Simply take out the battery of the modules you wish to reset and then re-install the battery. This would ready the module to be reprogrammed.

USB PORT

The USB port is not ready

SPECIFICATIONS

Module
Power: 9V DC (AA Alkaline batteries 1.5V x6)
Dimensions: 330.5 x 36.5 x 40mm

Remote Control
Power: 3V DC (AAA Alkaline batteries 1.5V x2)
Dimensions: 122 x 62 x 16mm
Distance of transmission (control): 20 metres indoor, 40 metres outdoor

Accessories
Battery Expansion Pack
To hold: AA NiH rechargeable batteries 1.2V x6
Dimensions: 195 x 37 x 21.6mm

solar Panel
Panel: 150 x 28 x 2mm, 9V
Dimensions: 195 x 37 x 13.5mm

Mounting (solar Panel only)
Dimensions: 195 x 37 x 8.5mm

If Expansion Battery Pack or Solar Panel is to fix on the module, please keep the wood cover and in the future if the expansion battery pack or the solar panel is not needed, the wood cover can be put back in use.

HOW TO FIX LOUVRES THAT ARE OUT OF POSITION

Firstly find the louvre that is out of position;

Next please grab three louvres above or below the louvre in different position. Then grab the louvre out of position and tilt it up/down to put the louvre back to the correct position.