

# RCS/RF Technical Data Sheet

## Introduction / Transmitter

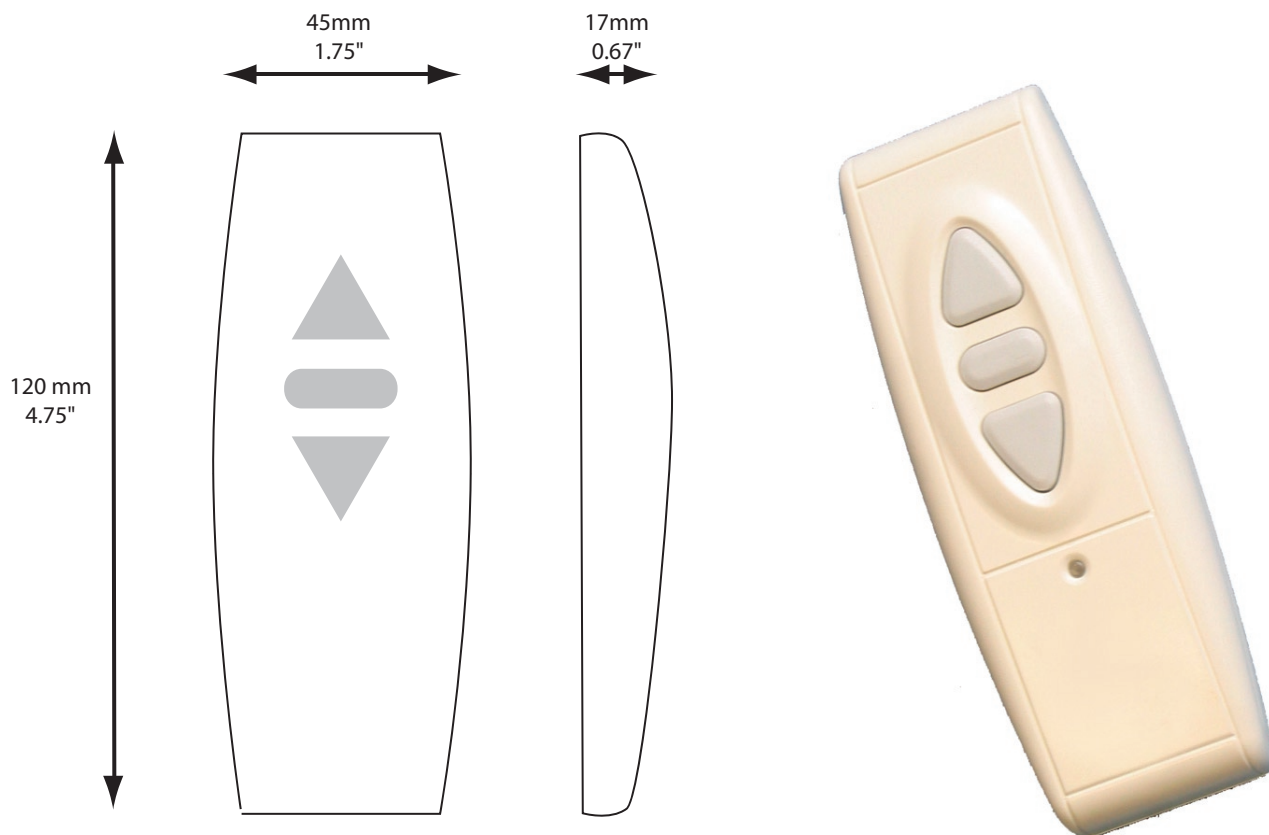
---

The RCS/RF allows radio control of a motorized screen. It is designed to lower or raise a screen with the supplied RF remote control.

The remote control allows the user to raise and lower the screen, and to stop it in any intermediate position.

The system consists of a handheld battery-powered transmitter and a receiver which is hard-wired to the motor and AC power. As it uses radio waves, the receiver can be mounted in the wall and does not need a clear line of sight to the transmitter. The system communicates with an uncrackable rotating code for security; this means that the supplied transmitter is the only means of controlling the device. The RF signal cannot be emulated by third-party transmitters.

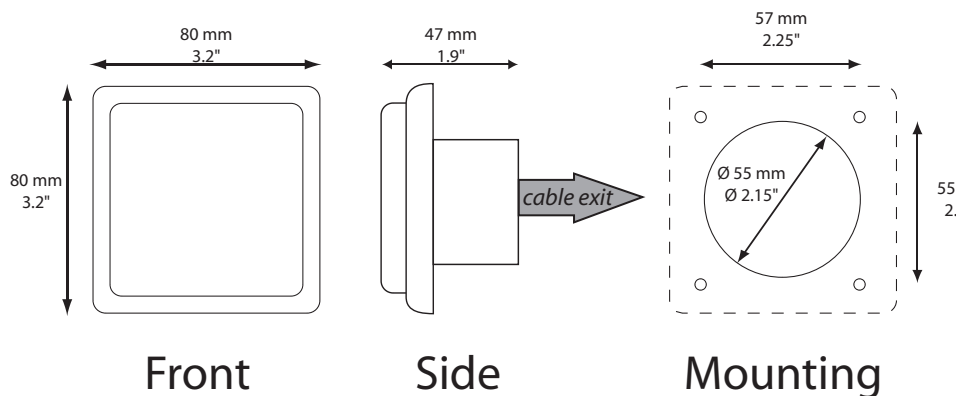
## Transmitter



# RCS/RF Technical Data Sheet

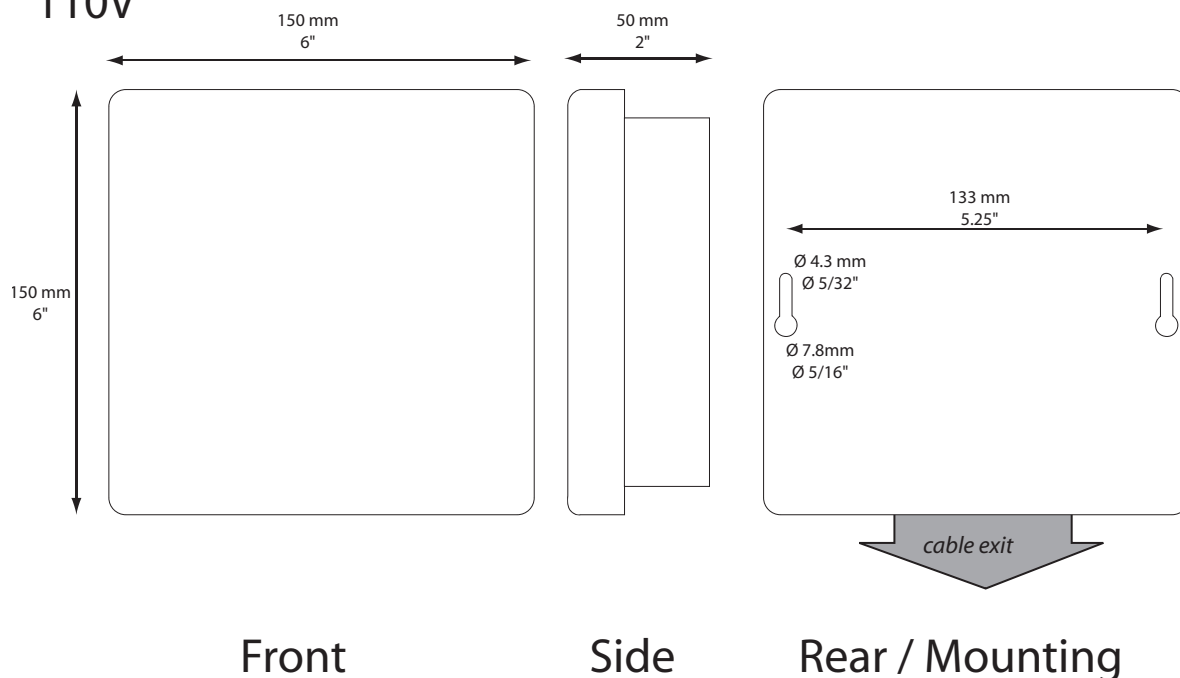
## Receivers - Dimensions and Mounting

### 220V



The 220V receiver is designed to be mounted recessed into the wall. It fits into an EU-standard switch/outlet box. Alternatively, it can be custom-recessed into the wall; the bulk of the unit passes through a central hole, and the unit is attached with four mounting screws (one in each corner).

### 110V

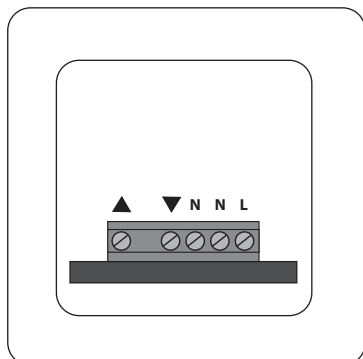


The 110V receiver is designed to be hung on the wall. There are two keyholes in the back, 133 mm / 5.25" apart, for 4mm / #8 screw.

# RCS/RF Technical Data Sheet

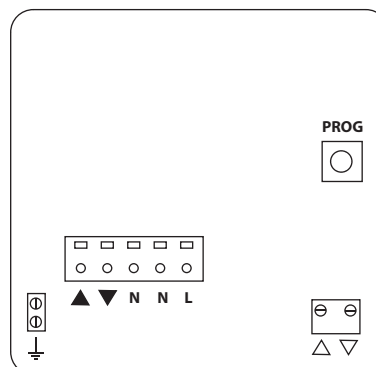
## Receivers - Electrical

220V



- ▲ - SCREEN UP
- ▼ - SCREEN DOWN
- N - SCREEN NEUTRAL
- N - POWER NEUTRAL
- L - POWER LIVE

110V



- ▲ - SCREEN UP
- ▼ - SCREEN DOWN
- N - SCREEN NEUTRAL
- N - POWER NEUTRAL
- L - POWER LIVE
  
- △ - OPTIONAL MANUAL SCREEN UP
- ▽ - OPTIONAL MANUAL SCREEN DOWN

PROG - REMOTE INITIALIZATION BUTTON

The RF Receiver is designed to be wired in between the main power source and the end of the motor cable. The main power Neutral and Live are connector, on the right end of the connector, and the screen is connected on the left end of the connector. The main power Ground should be directly connected to the motor Ground.

### High-Voltage circuit characteristics

220V: 220-240 VAC

110V: 108-134VAC

### RF characteristics

Frequency: 433.42 mHz

#### Screen Research

Rue du Finistere

ZAC Erdre Active

44240 La Chapelle sur Erdre, France

Tel. +33 (0) 2 40 77 87 89 Fax +33 (0) 2 40 77 86 78

<http://www.screenresearch.com>

[info@screenresearch.com](mailto:info@screenresearch.com)