



## Remote Control System

### Features:

- Up to 150m Range
- 868MHz FM Technology
- 1 – 4 Channels each 1000W
- Waterproof Receiver (IP68)
- High Security RF Protocol
- 2 / 4 Changeover Relays Contacts Rated 5A @ 230Vac
- 6-32Vdc/ac 230Vac versions Available
- Outputs Momentary or Latching
- Any Switch Map to Any Relay
- Systems supplied 'ready to Go'
- 1 Fobber per system
- FCC Certified and CE Compliant
- Maximum 30 Button Pairings

### Intended Use

- Commercial/Industrial Remote Control
- Electric Gates
- Roller Shutter Doors

### Description

A versatile general purpose Remote Control System for many different applications. Housed in a rugged IP68 weatherproof enclosure, The new HORNETPRO system is ideally suited to any remote switch requirement. With up to 4 changeover Relay switch outputs each output can be controlled from any switch on any transmitter. Additional transmitters may be added to the system using the same 'easy-learn' process without opening the enclosure.

Installation is by screw terminals to the power supply and the output relay contacts. The output relays are activated by the button press on the transmitter encoder.



## Systems Part Numbers

Part Number	Description	Power Supply
HORNETPRO-8S1	1 channel System	6-32Vac/dc
HORNETPRO-8S2	2 channel System	
HORNETPRO-8S3	3 channel System	
HORNETPRO-8S4	4 channel System	
Part Number	Description	Power Supply
HORNETPRO-8S1M	1 channel System	230Vac
HORNETPRO-8S2M	2 channel System	



## Additional Transmitters



Part Number	Description	Range*
FOBBER-8T1	1 Sw	150m
FOBBER-8T2	2 Sw	150m
FOBBER-8T3	3Sw	150m
FOBBER-8T4	4 Sw	150m
FOBBER-8T6	4 ch 6 Sw	150m
FOBBER-8T8	8 Sw	150m
FOBBER-8TL1	2 button 1ch ON/OFF	150m
FOBBER-8TL2	4 button 2ch ON/OFF	150m

\*\*Range stated is optimum, direct line of sight. In worst conditions this can be reduced by over 50%

## Additional Receivers

Part Number	Description	Power Supply
HORNETPRO-8R4	4 ch Receiver	6-32Vdc
HORNETPRO-8R2M	2 ch Receiver	230Vac

## Custom Systems

Fobber keyfobs can be customised with logo, colour or complete custom plastic housing for unique Branding. Please contact Sales for further info.



## Technical specifications

### Transmitters: FOBBER Transmitter

Enclosure Rating: Standard IP68  
Battery Type: CR2032 (supplied)  
Battery Life: 2 years @ approx. 50 1/2second presses p/day  
Dimensions: 59 x 33 x 9 mm

Electrical Characteristics	Min	Typical	Max	Units
Supply Voltage	2.9	3	3.3	V
Supply Current		17		mA
Frequency:		869.50		MHz
RF Output Power (ERP)	-		10	mW
RF Bandwidth		60		KHz

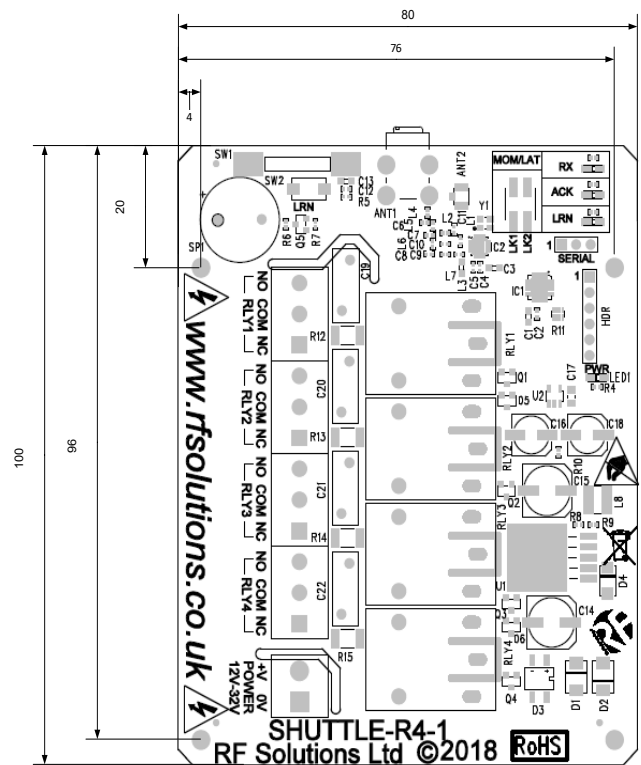
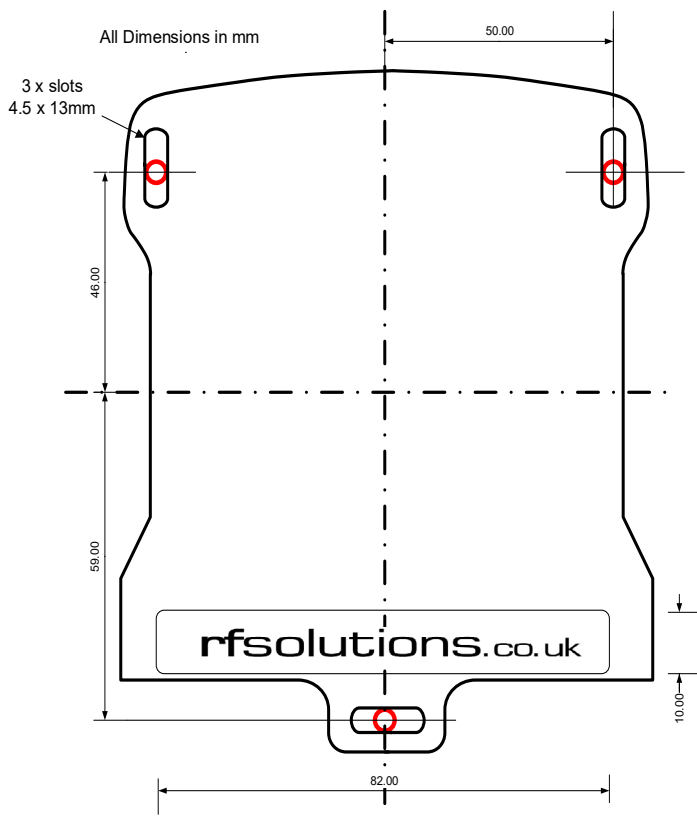
### Receiver Unit

Enclosure Rating: IP68  
Dimensions: 130 x 112 x 42 mm (not including antenna)  
Operating Temperature: -10 to +50° Celsius.

Electrical Characteristics	MIN	TYPICAL	MAX	DIMENSION
Supply Voltage for Low Voltage version	6		32	Vdc or ac
Supply Voltage for high Voltage version		230		Vac
Relay Rating*		5	12	A
Supply Current : Quiescent All (4) relays operating*		25 140		mA
Time delay from Tx on Switch to Rx Relay operation		30		mS
Time delay from Tx sw relax to Rx Relay release		30		mS

\*The relay contacts in this unit are for functional use only and must not be used for isolation purposes

## Mechanical Dimensions



Measurements in mm drawing not to scale

### RF Solutions Ltd. Recycling Notice

Meets the following EC Directives:

#### DO NOT

Discard with normal waste, please recycle.

#### ROHS Directive 2011/65/EU and amendment 2015/863/EU

Specifies certain limits for hazardous substances.

#### WEEE Directive 2012/19/EU

Waste electrical & electronic equipment. This product must be disposed of through a licensed WEEE collection point. RF Solutions Ltd., fulfils its WEEE obligations by membership of an approved compliance scheme. Environment agency registration number **WEE/JB0104WV**



### Waste Batteries and Accumulators Directive 2006/66/EC

Where the batteries are fitted, before recycling the product, the batteries must be removed and disposed of at a licensed collection point. RF Solutions battery producer number **BPRN00060**.

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