



FM Remote Control

Features:

- Up to 150m Range
- 868MHz FM Technology
- Outputs Momentary or Latching
- Any Switch Map to Any Relay
- Systems supplied 'ready to Go'
- Maximum 30 Button Pairings
- Waterproof Receiver (IP68)
- High Security RF Protocol
- CE Compliant

Low Voltage Receiver (6-32Vdc/ac)

- 4 Changeover Relays Contacts
Rated 5A @ 230Vac

High Voltage Receiver (230Vac)

- 2 Changeover Relays Contacts
Rated 5A @ 230Vac, or,

High Voltage Receiver (230Vac)

- 1 Channel Direct 230Vac output
Rated 20A (N/O only)



Intended Use

- Commercial/Industrial Remote Control
- Electric Gates
- Roller Shutter Doors
- Garden Lighting, Sports Grounds

Description

A versatile Remote Control System for many different applications.

Housed in a rugged IP68 weatherproof enclosure, HORNETPRO is available as either low voltage powered 4 changeover relays, mains powered receiver with 2 changeover relays, or a single direct 230Vac switching output.

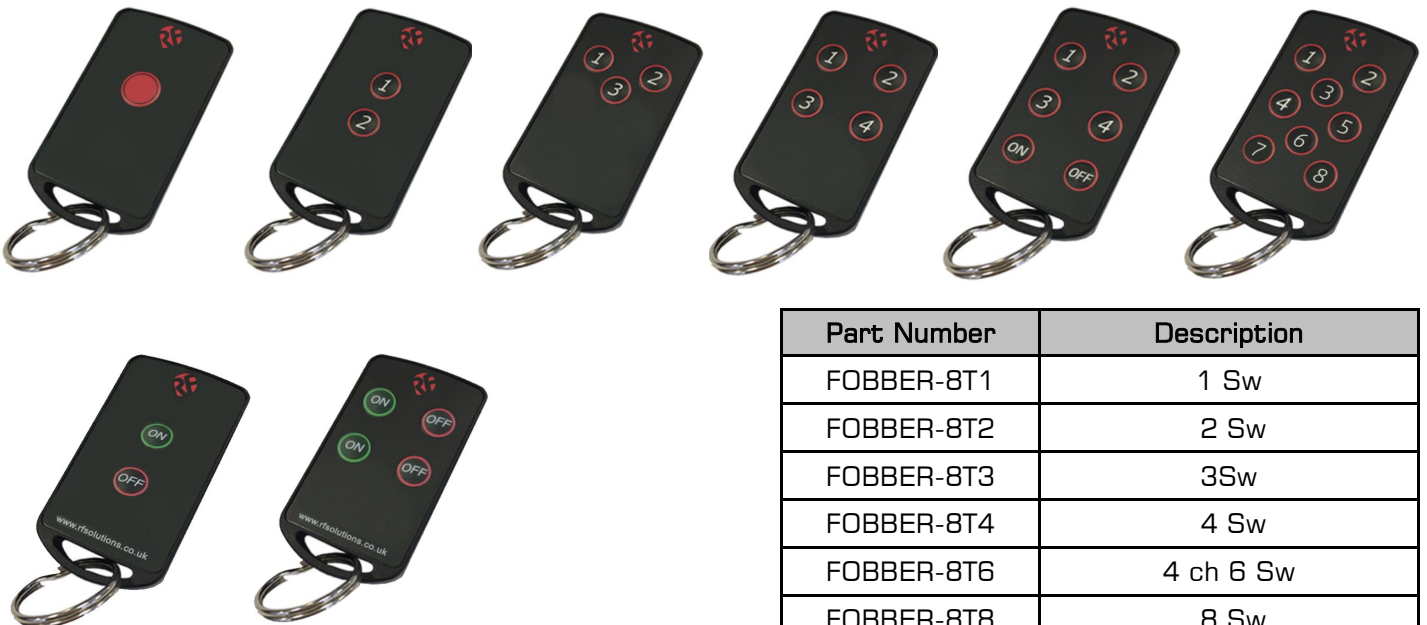
Installation is by screw terminals to the power supply and the output relay contacts. Outputs are activated by the button press on the remote transmitter. Remote Transmitters may be added to a receiver using the same 'easy-learn' process without opening the enclosure.

Complete Systems Part Numbers (Transmitter and Receiver)

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	



Remote Transmitter Part Numbers



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

Receivers Part Numbers



Part Number	Description	Power Supply
HORNETPRO-8R4	4ch Receiver	6-32Vdc
HORNETPRO-8R2M	2ch Receiver 5A Relays	230Vac
HORNETPRO-8R1M20A	1ch Receiver O/P 230V@20A	230Vac

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* HORNETPRO-8R4 HORNETPRO-8R2M HORNETPRO-8R1M20A		5 5 20	12 12 30	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

Custom Systems

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



Mechanical Dimensions

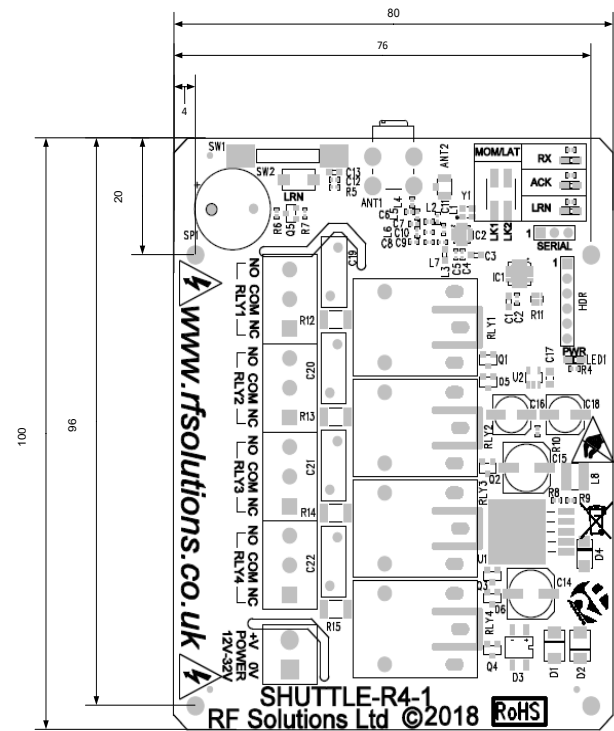
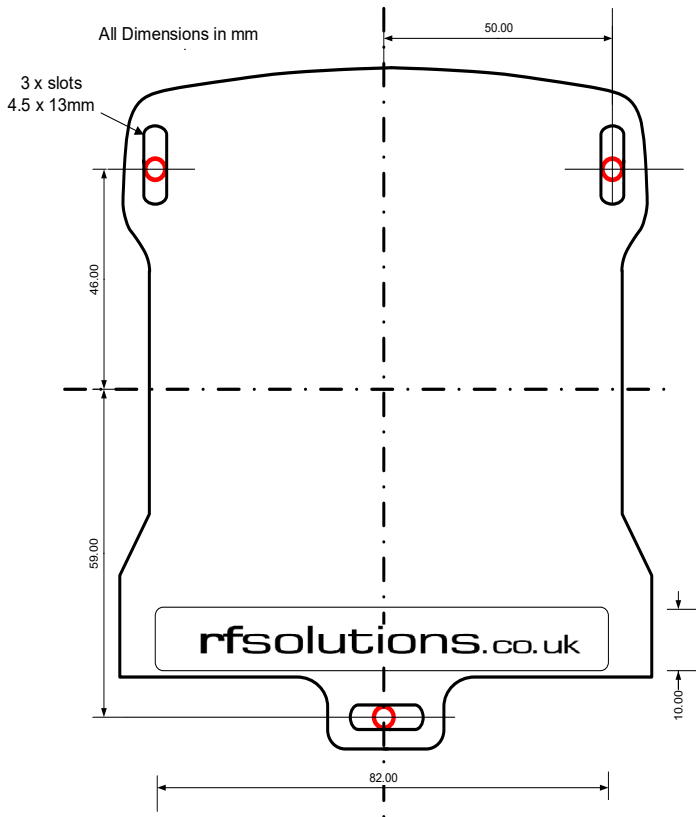


Image shows HORNETPRO-8R4
Measurements in mm drawing not to scale

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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