FOBBER - FM Key Fob

Features

- FSK Key fob
- Range up to 150metres
- 1 - 8 Switch variants
- 433 / 868 Options
- IPXX Rated
- CR2032 battery
- High Quality UK manufacture
- Compatible with wide range of RF Solutions products:

  VIPER4-RX 433MHz Receiver

  ELITE-RX 433MHz and 868MHz Receivers

  725 868MHz DIN RAIL Receiver

  BRAVO 868MHz Module

  KAPPA 868MHz Module

Description

FOBBER is a versatile, multi-function, FM Keyfob Radio Transmitter, capable of upto 150metres range with upto eight users switches which can be in several positions.

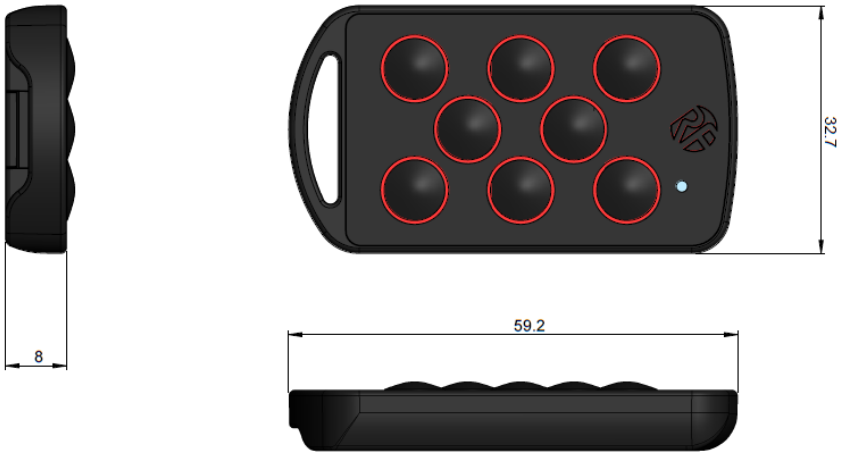
Each FOBBER contains a unique serial number and can be paired with many RF Receivers from miniature SMT modules to complete Housed Relay units with digital and serial data outputs, together providing an easy design-in Remote Control Solutions.

The front face membrane Overlay may easily be customised to bespoke design Logos etc Keyfob with a multitude of switch positions.

FM Key Fob

Mechanical Dimensions:

(All dimensions in mm)



Part Numbers

Part Number	Description	Freq (MHz)	Range** (Metres)
FOBBER-4T1 FOBBER-8T1	Transmitter Key fob 1 switch	433.92 869.5	150
FOBBER-4T2 FOBBER-8T2	Transmitter Key fob 2 switch	433.92 869.5	150
FOBBER-4T3 FOBBER-8T3	Transmitter Key fob 3 switch	433.92 869.5	150
FOBBER-4T4 FOBBER-8T4	Transmitter Key fob 4 switch	433.92 869.5	150
FOBBER-4T6 FOBBER-8T6	Transmitter Key fob 6 switch	433.92 869.5	150
FOBBER-4T8 FOBBER-8T8	Transmitter Key fob 8 switch	433.92 869.5	150

** Range stated is optimal, in some conditions this may be dramatically reduced.

FM Key Fob

Compatible 433MHz Receivers

Notes on operation:

Each key fob transmitter is pre programmed with a unique identity (one of 16 billion possible numbers), the identity number treansmitted on each press of the switch. Most receivers can learn the identity of up to 50 unique transmitters.

Note : the same transmitter may be taught to any number of receivers to create 'master keys'.

VIPER4-RX - 12-32V receiver with 4 relay Changeover Contacts, housed in an IP68 Enclosure

RADIOTRAP4-RX - 12-32V receiver with 4 relay Changeover Contacts, designed for Clay pigeon traps comes in an IP68 Enclosure

ELITE4-RX - Enclosed 12,24 and 230V receivers with 4 relay switches for home automation or light industrial applications.

FM Key Fob

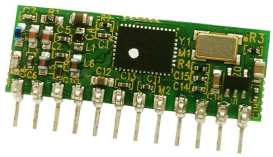
Compatible 868MHz Receivers

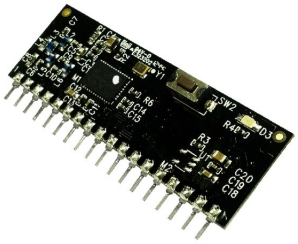
Notes on operation:

Each key fob transmitter is pre programmed with a unique identity (one of 16 billion possible numbers), the identity number treansmitted on each press of the switch. Most receivers can learn the identity of up to 50 unique transmitters.

Note : the same transmitter may be taught to any number of receivers to create 'master keys'.

KAPPA-T868 - Smart Radio module with 4 Digital and serial data output.





BRAVO-T868 - SMART Radio Module with 8 digital outputs

TRAP-RX - 12-32V receiver with 4 relay Changeover Contacts, housed in an IP68 Enclosure

ELITE-RX - Enclosed 12,24 and 230V receivers with 4 relay switches for home automation or light industrial applications.

725-TRX8 - Din Rail 12—24V receiver with 2 relay Changeover Contacts expandable to 250

FM Key Fob

Changing the battery

Remove the screw holding the back panel in place. Open the case and change the battery. Ensure you check the orientation.

Technical Specifications

FOBBER Transmitter Key fob

Battery Type CR2032 (supplied)

Electrical Characteristics	Min	Typical	Max	Units
Supply Voltage	2.0	3	3.3	V
Supply Current : Quiescent		<1		uA
Supply Current : Transmitting		17		mA
Operating frequency		869.5		MHz

FCC compliance
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -Reorient or relocate the receiving antenna -Increase the separation between the equipment and receiver -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected -Consult the dealer or an experienced radio/TV technician for help.

RF Solutions Ltd. Recycling Notice

Meets the following EC Directives:

DO NOT

Discard with normal waste, please recycle.

ROHS Directive 2002/95/EC
Specifies certain limits for hazardous substances.

WEEE Directive 2002/96/EC
Waste electrical & electronic equipment. This product must be disposed of through a licensed WEEE collection point. RF Solutions Ltd., fulfills its WEEE obligations by membership of an approved compliance scheme.

Waste Batteries and Accumulators Directive 2006/66/EC
Where batteries are fitted, before recycling the product, the batteries must be removed and disposed of at a licensed collection point.

Environment Agency producer registration number: WEE/JB0104WV.

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