



- FM (FSK) Key fob
- Sleek and compact design
- Range up to 150metres
- 1 - 8 Switch variants
- 433 / 868MHz Options
- Waterproof IP68 Rated
- CR2032 battery
- High Quality UK manufacture
- Can easily be Customised
- CE Compliant & FCC Approved

Description

FOBBER is a versatile, multi-function, FM key fob Radio Transmitter, capable of up to 150 metres range with up one to eight 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 Key fob with a multitude of switch positions.

FOBBER Key Fob



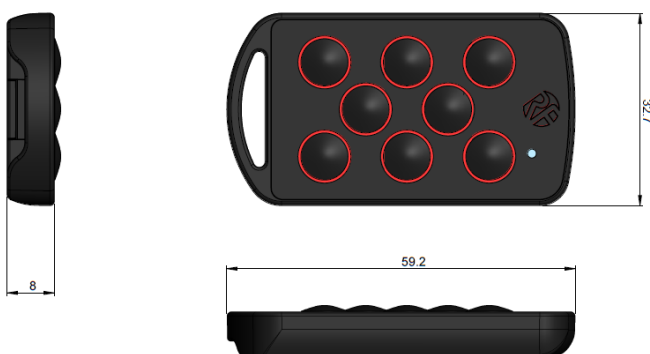
Part Numbers

Part Number	Description	Freq (MHz)	Range** (Metres)
FOBBER-4T1	Transmitter Key fob 1 switch	433.92	150
FOBBER-4T2	Transmitter Key fob 2 switch	433.92	150
FOBBER-4T3	Transmitter Key fob 3 switch	433.92	150
FOBBER-4T4	Transmitter Key fob 4 switch	433.92	150
FOBBER-4T6	Transmitter Key fob 6 switch	433.92	150
FOBBER-4T8	Transmitter Key fob 8 switch	433.92	150
FOBBER-8T1	Transmitter Key fob 1 switch	869.5	150
FOBBER-8TL1	Transmitter Key fob 1 channel on/off	869.5	150
FOBBER-8T2	Transmitter Key fob 2 switch	869.5	150
FOBBER-8TL2	Transmitter Key fob 2 channel on/off	869.5	150
FOBBER-8T3	Transmitter Key fob 3 switch	869.5	150
FOBBER-8T4	Transmitter Key fob 4 switch	869.5	150
FOBBER-8T6	Transmitter Key fob 4 channel with All On/Off	869.5	150
FOBBER-8T8	Transmitter Key fob 8 switch	869.5	150

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

Mechanical Dimensions:

(All dimensions in mm)



Custom Versions

The top Face Overlay Label may be customised to incorporate custom Branding / colours. Please contact our sales department for further information, availability and cost.



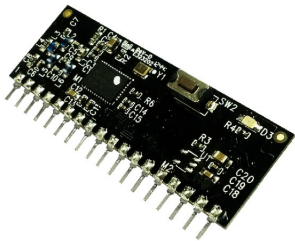
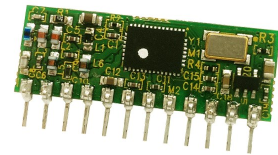
Compatible 868MHz Receivers

Notes on operation:

Each key fob transmitter is pre programmed with a unique identity (one of 16 billion possible numbers), the identity number transmitted 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 - 868 Mhz Smart Radio module with 4 Digital and serial data output.



BRAVO-T868 - 868 MHz SMART Radio Module with 8 digital outputs.

TRAP-RX - 868 MHz 12-32V receiver with 4 relay Changeover Contacts, housed in an IP68 Enclosure



ELITE-RX - 868 MHz Enclosed 12,24 and 230V receivers with 4 relay switches for home automation or light industrial applications.

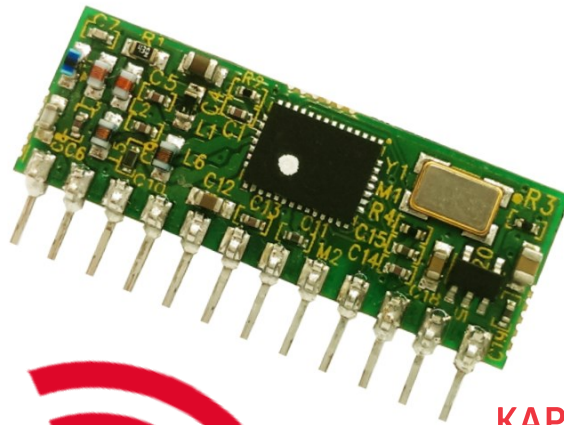
725-TRX8 - 868MHz Din Rail 12—24V receiver with 2 relay Changeover Contacts expandable to 250



FOBBER Key Fob



Easy Embed Remote Control



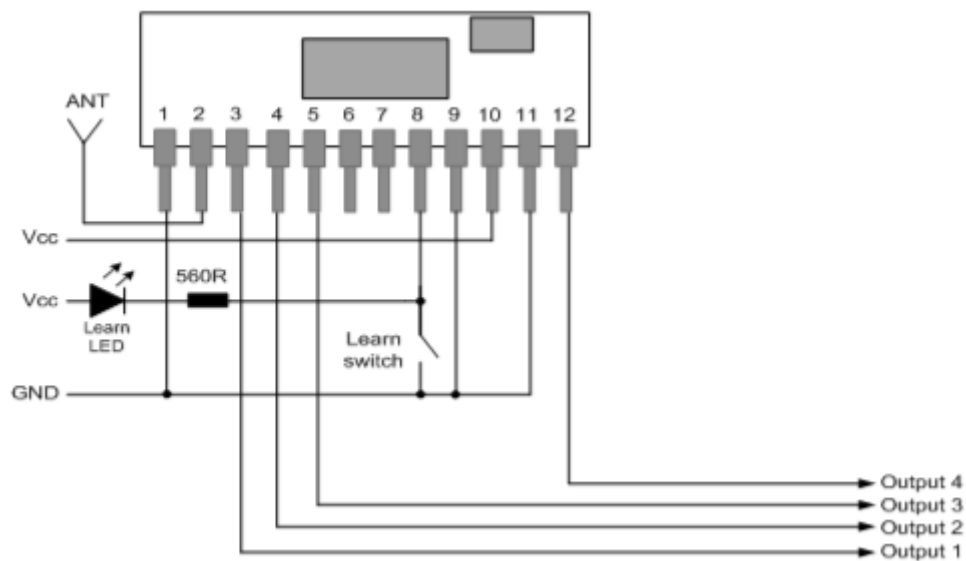
KAPPA-T868



FOBBER-8T6



Application Circuit



NOTE: Outputs are low level TTL and would require a MOSFET or Transistor circuit to control a relay

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 transmitted 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'.

QUANTA-4R4/QUANTA-4RM4 - 433MHz 12-32V and 230V receiver with 4 relay Changeover Contacts, housed in an IP68 Enclosure



ESPRIT-4R4/ESPRIT-4RL4 - 433 MHz Enclosed 12-24 and 230V receivers with 4 relay switches for home automation or light industrial applications.

Changing the battery on the FOBBER

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



Technical Specifications

FOBBER Transmitter Key fob

Battery Type CR2032 (supplied)

Operating Temperature 0 - 70degC

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		433.920 869.500		MHz
Bandwidth (FSK Deviation pk-pk)		60		KHz
Output Power			10	dBm

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.

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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