

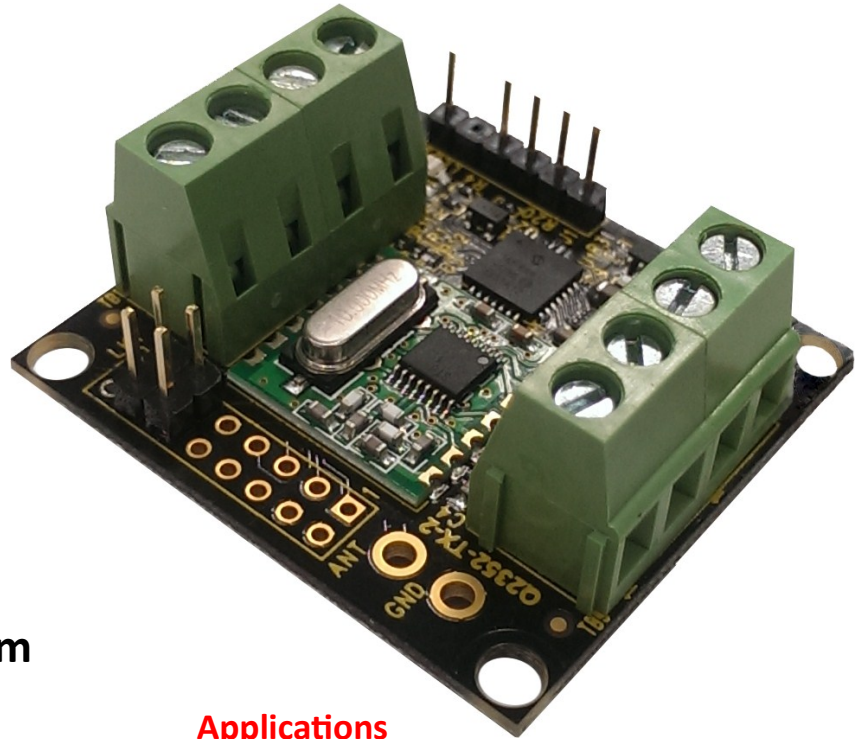


BOGEYBOARD-433

Turns any switch into a remote control!

Features:

- Simple to use
- Range up to 100m
- 4 digital inputs
- Ultra low power
- Versatile
- Compact - 38mm x 42mm



Operates with:

- RDF1
- HORNET-RX
- 200 series - DIN RAIL

Applications

- Remote Control
- Remote Networking
- Remote Switching
- Remote Traffic Lights
- Door bells / Buzzers
- Push buttons

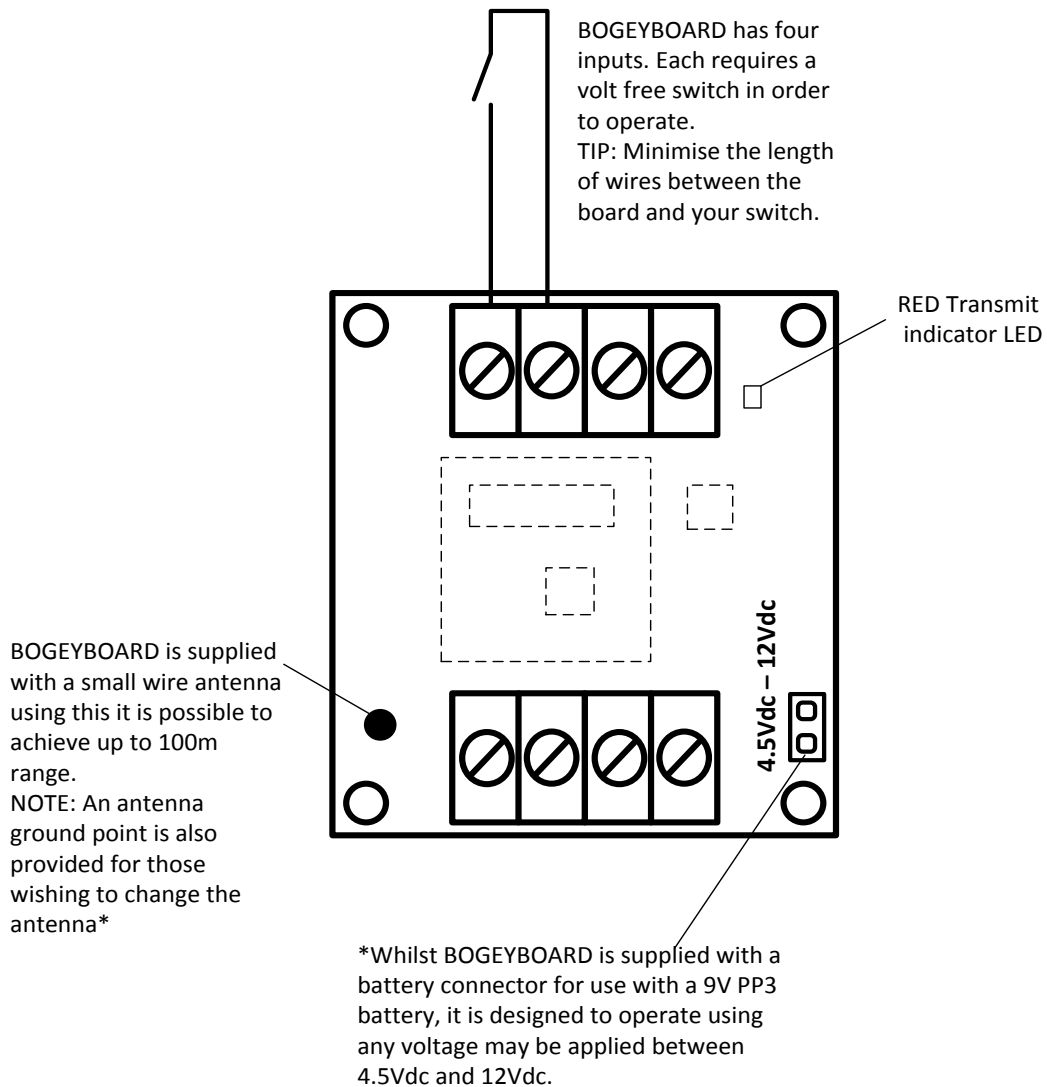
The BOGEYBOARD is an innovative product which allows anybody to make their own remote transmitter and wireless enable an existing switch.

With 4 close contact inputs to use and being only 38mm x 42mm the BOGEYBOARD is small and powerful. The tiny board is easily capable of achieving 100m range in open line-of-sight conditions.

Ordering Information:	
Part number:	BOGEYBOARD-433



BOGEYBOARD functional overview:



Operational Characteristics

The BOGEYBOARD is very simple to connect and use. Simply wire a switch to any one or many of the inputs and close the contact send a signal.

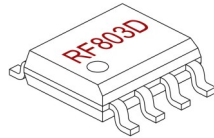
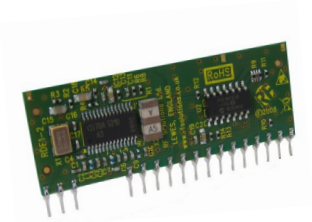
IMPORTANT NOTE:

As default the BOGEYBOARD is designed for use with momentary push buttons - to send a signal continuously while a button is pressed, and as such it will replicate a handheld transmitter. **DO NOT** use latching type switches which will cause it to transmit continuously and may block other signals.

*Soldering to or otherwise modifying the BOGEY-BOARD will invalidate the warranty.

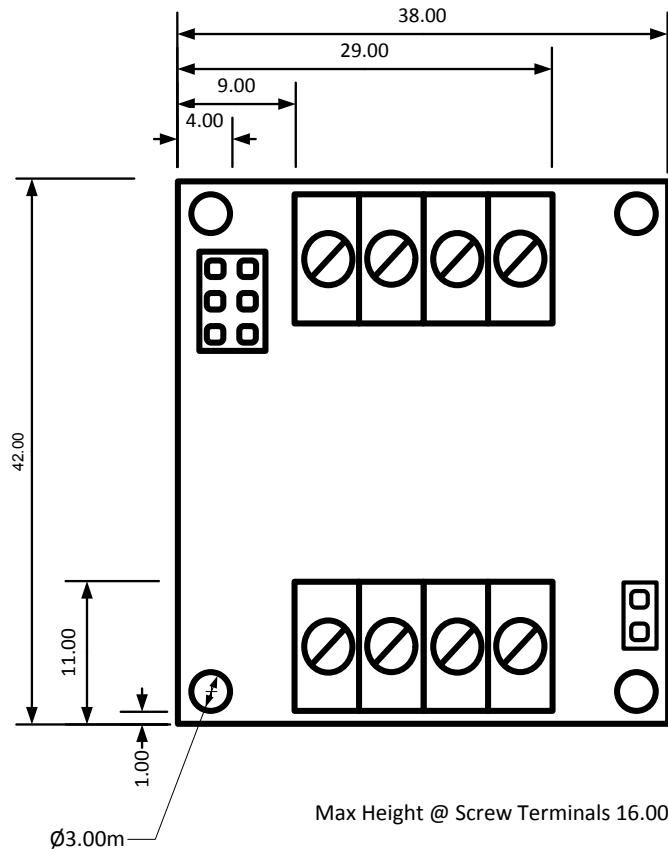
Compatible receivers:

The BOGEYBOARD is a versatile remote control and as such is compatible with nearly all RF Solutions 433MHz receivers.



Receiver Part Number	Form Factor	Expected Range	Outputs
HORNET-RX	Boxed IP rated	100m	4 Relays
RDF1	Intelligent radio module	100m	4 LVTTTL level
210-433F	DIN rail receiver	100m	Up to 16 -(requires relay board)
RF803	Decoder IC	Dependent on receiver module	3 LVTTTL level outputs

Mechanical Drawing:



Technical Specifications:

Operating temperature: 0 - 55°C

Storage Temperature: -10 - 70°C

Electrical Characteristics	Min	Typical	Max	Units
Supply Voltage: 4.5V-12V Supply	4.5	9	12	Vdc
Antenna Output Lead Impedance		50		Ohms
Minimum input activation time to trigger transmission		50		ms
433MHz Version				
Supply Current: Quiescent	4uA	6uA	8uA	uA
Supply Current: Transmitting Data	18	22	26	mA

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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., fulfils 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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