

RF REMOTE CONTROL

RADIO FREQUENCY TECHNOLOGY HAS TRADITIONALLY BEEN USED TO REMOTELY CONTROL BARRIERS, AUTOMATIC GATES AND DOORS BY UTILISING HAND HELD TRANSMITTERS AND REMOTE RECEIVERS. THE LATEST FAMILY OF PRODUCTS INCLUDES INDIVIDUALLY CODED HAND TRANSMITTERS TOGETHER WITH COMPACT RECEIVER/CONTROLLERS THAT CAN LEARN AND STORE UP TO 10 HAND TRANSMITTER CODES PER CHANNEL. THE TRANSMITTERS USE THE UK APPROVED FREQUENCY OF 868 MHZ.



RF REMOTE CONTROL STANDALONE ACCESS CONTROL

Features

Transmitters

- Factory coded with over 70 million options
- Code duplication by user is possible
- Choice of models with up to 4 channels per transmitter
- Up to 100m operating range (under open field conditions)

Receivers

- Learn and memorise transmitter codes
- Up to 4 channels per receiver
- Up to 10 transmitter codes per channel
- Voltage free output relay contacts
- Range of output control options

Radio Control Power Plug

- Switches mains powered device on and off
- Operated by single or multi-channel transmitters
- Memorises up to 10 on and 10 off codes.

Wiegand Converter

- Accepts transmitter codes from Nortech RF transmitters
- Converts transmitter codes to Wiegand format
- Compatible with Nortech Controllers
- Can be used to provide access control in addition or instead of proximity cards, RFID etc.

Wireless Keypad

- Up to three 4-digit PIN codes
- Controls up to 4 devices
- No wiring required

OEM 4-Channel Transmitter

- Transmits RF codes under the control of external Normally Open relay contact
- Push button or switch function

Applications

- Motorised gates and doors
- Vehicle barrier and automatic gate systems
- Industrial access control systems
- Parking management systems
- Vehicle access control systems
- Hi-speed rapid roll doors



Wireless Keypad

Radio Control Power Plug



RTS-03



TECHNICAL SPECIFICATIONS

Transmitters	
Frequency:	868.3MHz
Coding:	Factory coding with over 70 million options
Channels:	From 1 to 4 depending upon model
Range:	Up to 100m under open field conditions
Power supply:	1 x 3V battery, CR2032
Indicator:	LED
Degree of Protection:	IP54
Dimensions (mm)	1 & 2 channel models - 55 x 36x 16 3 & 4 channel models - 70 x 40 x 17
Approx. weight: (including battery)	1 & 2 channel models - 17g 3 & 4 channel models - 25g

Wireless Keypad	
Frequency:	868.3MHz
Coding:	Factory coding with over 70 million options
Channels:	3 code channels & 1 light channel
Range:	Up to 50m under open field conditions
Power supply:	2 x 3V battery, CR2032
Indicator:	LED
Degree of Protection:	IP54
Dimensions (mm)	70 x 100 x 30
Approx. weight:	120g (including batteries)

Radio Controlled Power Plug	
Coding:	Not necessary (learns the transmitter code)
Frequency:	868.3MHz
Operating Mode:	ON-OFF
Power Supply:	230V AC / 50 Hz or 120V AC / 60 Hz (depending on model)
Current draw:	approx. 30mA
Output:	1 relay contact N.O.
Degree of Protection:	IP 40
Operating Temperature:	-10°C to +40°C
Dimensions (mm):	120 x 50 x 75
Approx. weight:	160g
Contact ratings:	Up to 10A (resistive load) @ 230V AC

Wiegand Converter (RC-W)	
Frequency:	868.3MHz
Power Consumption:	approx. 15 mA (at 24 V)
Output:	26 bit Wiegand
Operating Temperature:	-20°C to +60°C
Dimensions (mm):	35 x 31 x 2 (without aerial)
Weight:	approx. 5g

Receivers		
Coding:	Not necessary (learns the transmitter code)	
Frequency:	868.3MHz	
Operating Modes:	Impulse, ON/OFF, Timed, Dead man's mode, awning control	
Power Consumption:	RCL03-01 / RCL04-01:	Approx 1VA
	RCL03-02 / RCL04-02:	Approx 1.5VA
	RCU01-02:	Approx 3VA
	RCU01-04:	Approx 5VA
Output:	1, 2 or 4 RELAY contacts	
Degree of Protection:	RCL04-01 / RCL04-02:	IP65
	RCL03-01 / RCL03-02:	IP20
	RCU01-02:	IP65
	RCU01-04:	IP54
Operating Temperature:	-20°C to +60°C	
Dimensions (mm):	RCL04-01 / RCL04-02:	114 x 72 x 36
	RCL03-01 / RCL03-02:	63 x 35 x 70
	RCU01-02:	70 x 162 x 38
	RCU01-04:	150 x 110 x 50

Order Information	
RCL04-01	External single channel receiver
RCL04-02	External dual channel receiver
RCL03-01	Single channel receiver
RCL03-02	Dual channel receiver
RCU01-02	External dual channel receiver, mains and low voltage switching
RCU01-04	External 4-channel receiver, mains and low voltage switching
RC-W	Wiegand converter receiver
RT21-01	Single channel transmitter
RT21-01S	Sequentially coded Single channel transmitter
RT21-02	Dual channel transmitter
RT20-04	4-channel transmitter
RC-PP	Radio control power plug
RTS-03	4 channel OEM transmitter
RTC-02	Wireless keypad

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