RF Remote Control Systems – Keyfob Range, Rolling-Code

The "Rolling-Code" Keyfob System is a high security, high quality radio system at a low cost. The system is supplied complete with one keyfob; simply apply power, connect load to relay output and system is ready to operate. Pressing the appropriate button on the transmitter activates the corresponding relay in the receiver.

General Features:

Part No: UBSYKF/RC2
  2 channels
  High security rolling-code system, self learning.
  Range up to 150 metres (using external aerial)
  Momentary relay outputs
  433MHz Operation
  No license required

Receiver
  IP40 rated
  12-24VDC (115VAC/230VAC Optional)
  Relays Rated at 1A@24VDC, 0.5A@115VAC.
  Dimensions: 130mm x 120mm x 57mm
  Weight: 200g
  Optional external aerial on 3 metres cable for extended range (Part No: AER-DEA3M**)**

Transmitter: Part No: UBTXKF/RC2
  Keyfob size; 50mm x 37mm x 15mm
  12V battery, Type 23A
  Weight: 20g

DETAILS

Part No.	Description	
UBSYKF/RC2	2 Channel Keyfob System	
UBTXKF/RC2	2 Channel Keyfob	
AER-DEA3M	3 Metre Aerial Kit	

Heavy Duty Ultrabeam® RF Remote Control Systems – Compact Range

The Ultrabeam® Compact is a range of heavy duty radio control systems specially designed to operate in the most harsh of industrial environments. Each system is supplied complete with external aerial; simply apply power to the receiver and connect load to output. Pressing the appropriate button on the transmitter activates the corresponding relay in the receiver. The relays can be set to latching or momentary using a DIP switch. Heavy duty relays can switch power loads without additional relays or contactors.

General Features:

FM remote control system
1, 4 or 6 channel
High security coding system, user selectable by DIP switches.
Range up to 250 metres
Momentary or latching relay outputs
Heavy duty 10 Amp relays contacts for direct switching without additional circuitry
433MHz Operation
No license required
Choice of handset type, fully interchangeable using same receiver

Receiver
IP65 rated
115VAC/230VAC or 12-30VDC
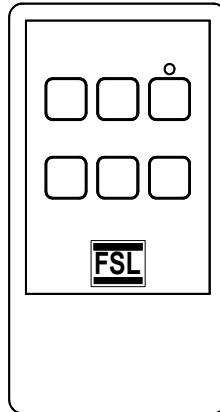**Supplied with external aerial**

Transmitter
Pocket size; 120mm x 66mm x 22mm
Sealed to IP65
Labels can be custom printed by user on standard 12mm label printer
9V PP3 battery

PRICING DETAILS

Part No.	Description	
UBSY1A/RF	Ultrabeam 1 Channel System	
UBSY4A/RF	Ultrabeam 4 Channel System	
UBSY6A/RF	Ultrabeam 6 Channel System	
UBTX1A/RF	Ultrabeam 1 Channel Transmitter	
UBTX4A/RF	Ultrabeam 4 Channel Transmitter	
UBTX6A/RF	Ultrabeam 6 Channel Transmitter	

FSL Electronics Ltd

Data Sheet Ref: UBG 09

Models UBTX1A/RF, UBTX4A/RF, UBTX6A/RF

Ultrabeam Compact Radio Transmitter

Technical Data

Supply Voltage

1 X 9V Alkaline battery, type 6AM6, 6F22, PP3

Power Consumption

Activated: max 24mA

Range

Dependant on surroundings

Typical 100m, Up to 250 metres on open ground

Transmission Type

UHF Radio

433.92 Mhz (Europe)

Operating Temperature

-20c to 60c

Housing

Black ABS enclosure

Switch Type

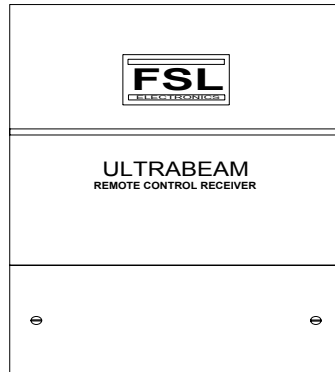Tactile membrane

Switch Legends

Supplied with numbers 1 to 6 or can be custom labelled using 12mm label printer

Channels:

1, 4 or 6, depending on model

Ultrabeam Multichannel Radio Receiver

Technical Data

Supply Voltage

1) 10V DC - 30V DC

2) 220V / 240V AC

3) 110V AC

Operating Temp

-20 to 60 C

Relay Switching Current

8 amps constant DC

10 amps constant AC

Channels 2 and 6 C/O Contacts

Channels 1,3,4 and 5 N/O Contacts

Housing / Proofness

Grey ABS IP65

Power Consumption

De-activated: 40mA

Activated:100mA max

Delay on operate

100mS

Channels

1 to 6 on standard unit

Only one channel may be activated at a time

Other options available on request.

Delay on release

100mS

Radio Frequency

433.92 MHz (Europe)

Range

Up to 250M