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**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UBSYKF/RC2</td>
<td>2 Channel Keyfob System</td>
</tr>
<tr>
<td>UBTXKF/RC2</td>
<td>2 Channel Keyfob</td>
</tr>
<tr>
<td>AER-DEA3M</td>
<td>3 Metre Aerial Kit</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UBSY1A/RF</td>
<td>Ultrabeam 1 Channel System</td>
</tr>
<tr>
<td>UBSY4A/RF</td>
<td>Ultrabeam 4 Channel System</td>
</tr>
<tr>
<td>UBSY6A/RF</td>
<td>Ultrabeam 6 Channel System</td>
</tr>
<tr>
<td>UBTX1A/RF</td>
<td>Ultrabeam 1 Channel Transmitter</td>
</tr>
<tr>
<td>UBTX4A/RF</td>
<td>Ultrabeam 4 Channel Transmitter</td>
</tr>
<tr>
<td>UBTX6A/RF</td>
<td>Ultrabeam 6 Channel Transmitter</td>
</tr>
</tbody>
</table>
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