

Additional Radio Control Products available from our range

Ultrabeam Suregrip:-

8 - 10 or 12 Push Buttons - Single frequency.

M550S Wave:-

4 - 6 - 8 - 10 or 12 Push Buttons - Multi frequency
All double speed buttons + Start / Stop
3 or 4 position selector switch (Optional extra)

M550S Zeus & Thor:-

2 - 3 or 4, Four way Joysticks with up to 5 speeds / direction
or proportional control - Multi frequency
3 or 4 position selector switches & push buttons (Optional extras)

M550S M8:-

Din rail mounted Data transfer system - Multi frequency
21 Digital channels & 4 Analogue channels (Optional extra)

M550S Hydraulic Radio:-

4 - 6 or 8 single axis paddles for proportional control of Lorry
Cranes - Access Platforms & other Hydraulically controlled equipment.
A mechanical / hydraulic interface is available for retro fitting to the
cross rods of existing cranes

Push Button Radio Control for Winches, Doors, Gates, Recovery Vehicles 2 Channels + Start/Stop

ULTRABEAM MINIGRIP 3



Also available
5 & 7 Buttonversions

Installation Instructions



Location & Fixing Details

The best position for mounting the receiver is where it can be seen when operating the transmitter. If it is fitted inside metal enclosures or under/behind steelwork it will still operate but the range will be reduced.

(If you need to fit the receiver inside an enclosure, an extension antennae is available)

The protection level for the receiver is IP65 this will enable you to fit it where it is exposed to driving rain, but not in a position where it will be pressure washed / steam cleaned.

The glanded entry for the incoming cable and the BNC connector for the external antennae should be facing downwards or sidewards (**Never upwards**)



IMPORTANT NOTE !

Although all relays in Minigrip receivers are fitted with diodes, it is advised that external sources of back emf are also fitted with diodes. If this is not the case it is possible that the radio signal may encounter interference causing interruption or lack of operating range. :

WIRING THE RECEIVER

Maximum cable section 1.00mm²

Maximum cable diameter = 12mm

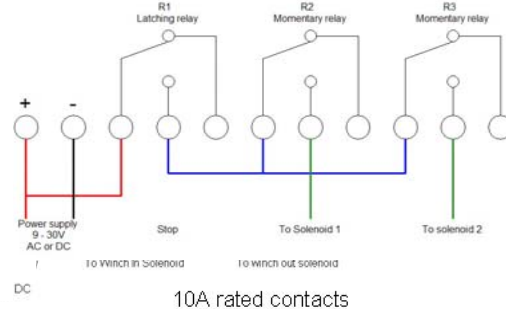
Ensure gland is tight to prevent ingress of water



Pull connector strip vertically from terminal rail, make all cable connections and replace firmly.

Replace lid and tighten down

Suggested wiring diagram



To Start: Press "On" button - R3 latches in.
 To operate: Press "Winch In" / "Winch Out"
 To Stop: Press "Off" button - R3 releases

Programming a New or Additional Transmitter

1. Ensure that the receiver green power LED is on.
2. When pressing a button on the new handset the receiver red LED will flash slowly.
3. Press and hold the SW2 on the receiver board for about 4 seconds. This should illuminate the red LED.
4. Now press any button on the transmitter and the light should go out.
5. When the light has gone out press and hold any button on the transmitter. In the receiver the red LED will flash slowly and then will flash quickly. When the red LED is flashing quickly the handset is programmed. Now release the button.
6. The handset is now programmed the red LED will flash quickly and the corresponding relay will work when a button is pressed.
7. To erase all programmed handsets from the receiver hold SW2 for around 10 seconds. The red LED will go out when the receiver is blank.

Dipswitch settings:
 Not used at this time.
 For future project selections.

SW2

Green LED

Red LED



Accessories

Dashboard bracket -
 UBTX-MG/HolderBkt

Dashboard bracket with buzzer
 12/24VDC - UBTX-MG Holder



External aerial extension -
 AER-DEA3M(DEA240)