

GENERAL TOLERANCES UNLESS SPECIFIED				UNLESS SPECIFIED IN CONTRACT ALL WELDS MUST BE PRODUCED BY QUALIFIED WELDERS TO BS EN287-1: 2004 - WELDING SYMBOLS TO BS499-2: 1980 UNLESS SPECIFIED ALL TOLERANCES SHOWN ARE AFTER FINISHING TREATMENTS / PROCESS ARE APPLIED		FLATNESS & SQUARE TOLERANCES:	M/C +/-0.2	FABRICATION: +/-1	REV.	DATE	DESCRIPTION	SIG
X +/-0.50	X.X +/-0.25	X.XX +/-0.1	X +/-1°	X.X +/-0.5°				A	02/11/2020	FIRST ISSUE		NJ
								B	26/06/2024	WIRELESS DESCRIPTION WAS STATED INCORRECTLY AT 2.4G FROM EARLY MODELS, CORRECT 433MHz NOW SHOWN.		NJ

**PRODUCT WEIGHT: 0.094 Kg (With Batteries)**

**DIMENSIONS: 63mm WIDE 132mm TALL 26mm THICK**



**HAND CONTROLLER OPERATION**

**ON/OFF Power Button:**  
 1.5 - 2.5 Sec press to turn on / connect.  
 Quick press to turn off, almost instant  
 This quick touch will also function like an emergency stop.  
 If accidently pressed, the winch will stop working.

**LED:**  
 When the transmitter matches with the receiver, the LED will be a solid light, when the wireless is communicating, the light is fast flickering.

**PAIRING:**  
 To pair any handset to any receiver.

- 1) Receiver Power OFF
- 2) Switch on Transmitter
- 3) Hold down Winch In and Winch out at the same time.
- 4) Switch on power to the receiver
- 5) Keep holding down Winch in and winch out for 3 + seconds
- 6) Release Winch in and winch out
- 7) Test system

**FAIL SAFE:**  
 If a winch in or winch out button was to fail  
 Worst case: Fail closed so keeps winching in or out  
 The power button can be pressed which will terminate the connection and stop the winch.  
 Please note: To reconnect the power button would have to be pressed for 1.5-2.5secs

**IP67:**  
 Tested in 1m water depth, no water entry.

**WIRELESS:**  
 433Mhz, can connect 200m away without issues, but its not very good for penetration resistance (through walls, concrete block etc ). 2.4G is universal usage in the world which is why we have used it for this transmitter.



- IF ORDERED LANYARD FITTED THROUGH HERE
- 2 x AAA (3V) BATTERIES REQUIRED (SUPPLIED BY RED WINCHES, BUT NOT FITTED FOR TRANSPORT)
- PZ2 SCREWS (ON REAR) TO FIX BOTH COVERS TOGETHER, TORQUE SCREWS MAX 0.3Nm USE SMALL AMOUNT OF SILICONE GREASE ON SCREW WHEN FIXING INTO COVER
- LABEL (DRG: RWG-LBL-03) FITTED ON REAR OF HANDSET ONLY ONCE HANDSET HAS PASSED ITS FUNCTIONAL TESTING

<b>Red Winches</b> www.red-winches.com email: sales@red-winches.com		DRAWN	CHECKED	DATE
		CB	NB / NJ	02/11/2020
DRAWING DESCRIPTION:				
WIRELESS HANDSET				
MATERIAL:				
FINISH:				
DRAWING NUMBER:			SCALE	REVISION
WH-01			2:1	B
			SHT 1	OF 1
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