

ACWRC240 - 2 Function Transmitter / Receiver

SYSTEM PART NUMBER

ACWRC240 2 Function AC Receiver

+ 2 Function AC Transmitter

REPLACEMENT TRANSMITTER

ACWRCTX 2 Function

AC Transmitter



SYSTEM CONTENTS

1 x TI Mini Transmitter

1 x Lanyard

1 x Mini TI Receiver
with Wiring Harness
and Glands

1 x Instructions

ACWRC240 TRANSMITTER SPECIFICATION

SWITCH

Type Rubber membrane with carbon contact

BATTERY

Type 3 Volts (2 x AA)

CURRENT DRAW

Quiescent 4 micro amps
Operating 20 milliamps

PROTECTION

Reverse polarity Protected
IP Rating 65
Registration codes Over 1 million

PERFORMANCE

Temp Range -20° C to + 70° C
Range Nominal as supplied 100 metres (330 ft) from the Receiver, when driving a momentary output without signal drop
out Transmitted Power 1 mW Typical

COMPLIANCE

EMC Exceeds ETSI 300 220. Compliant E11 10R-037601

Modulation FSK
Frequency 433M Hz

ACWRC240 RECEIVER SPECIFICATION

SWITCH TYPE

Output Switching AC contactor

SUPPLY VOLTS

Nominal 220-240 Volts AC
Absolute Maximum 247 Volts AC
Minimum 218 Volts AC
Output Switch Supply 220-240 Volts AC Supply Voltage

AMPS

System Output Rating 20 Amps
Quiescent Current 20 mA Standby (Not Set)
Overload Protection 5 Amps Auto Shutdown

AERIAL

Internal Antenna Yes Fitted
External Antenna No

OUTPUTS

Functions 2
Master No

CONFIGURATION

RS232 programming No

PERFORMANCE

Simultaneous Outputs No Horizontal interlocks
Instant Tx Response Yes

DIAGNOSTICS

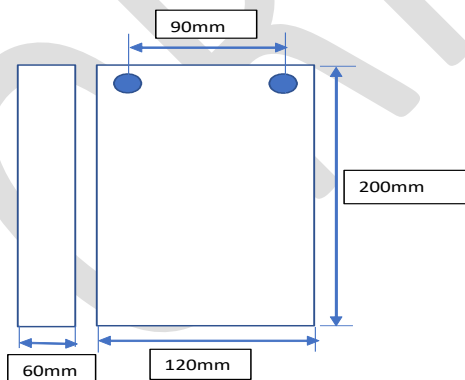
LED's Yes Power, Data, Operation, RF

PROTECTION

Reverse Polarity Yes
ESR Safety Yes
Back EMF Yes Diode protected on all outputs
Registration Codes Yes 1+ million
STOP Connection No

WIRING

Wiring Loom Yes 0.5 metres, fitted
Cable Gland Yes Fitted
Connections Screw terminal into plug and socket on PCB, for easy "swap out"



ENCLOSURE

Weight 0.2 lbs (222 grams)
Lid None clear. LED's external
Base Black ABS
Breather Gortex fitted in base
Mounting 2 external lugs OR 4 holes
Fixings 5mm (3/16") supplied
IP Rating Performs to IP54 standard

ACWRC Series			ACWRC240	ACWRC110
BUILD SPECIFICATION TABLE FOR MODELS IN THIS RANGE				
	Legend	Connection		
	F1 F2	Positive, F1 and F2	S+	S-
	M	Master	S	S
	S+	Extra Output	S	S
	CN3 Antenna	Internal Antenna	S	S
	CN4 Antenna	SMA for External Antenna	O	O
	E Stop	External E Stop	O	O
	LED1	Power LED	S	S
	LED2	Data LED	S	S
	LED3	Operation LED	S	S
	LED4	Radio Frequency	S	S

S = Standard O = Optional extra

+	Positive 220-240 Volt supply
-	Positive 110-120 Volt Supply
F1, F2	Outputs F1 & F2
M	Master Output
CN3ANT	Blade Connector for Internal Antenna
CN4SMA	Aerial Connection for External Antenna (Internal Antenna must be removed)
E Stop	External E Stop – for Emergency Stop Button on transmitter
LED1	Power LED Illumination
LED2	Data LED Illumination
LED3	Operation LED Illumination
LED4	RF LED Illumination

Photo illustration ACWRC110



Operating Instructions

Your new wireless remote set is designed for internal or external use.

Transmitter and wireless receiver are a plug and play device. This will fit any standard warrior mini electric or scaffold hoist. For easy installation please follow these steps

1. Ensure power is turned off (Isolated) to hoist
2. Install 2 x 1.5v AAA batteries into transmitter (Included)
3. Plug receiver air socket into the hoist
4. Turn on power to hoist
5. PWR (Solid), DATA (Blinks) & RF (Flashes) LED'S should illuminate
6. Turn on power to transmitter
7. OP (Solid) LED illuminates
8. Press IN or OUT on transmitter hoist will rotate in direction pressed

Always turn power off to transmitter when not in use. If your product doesn't work on first use please repeat process again, if a problem still occurs please contact your local agent.

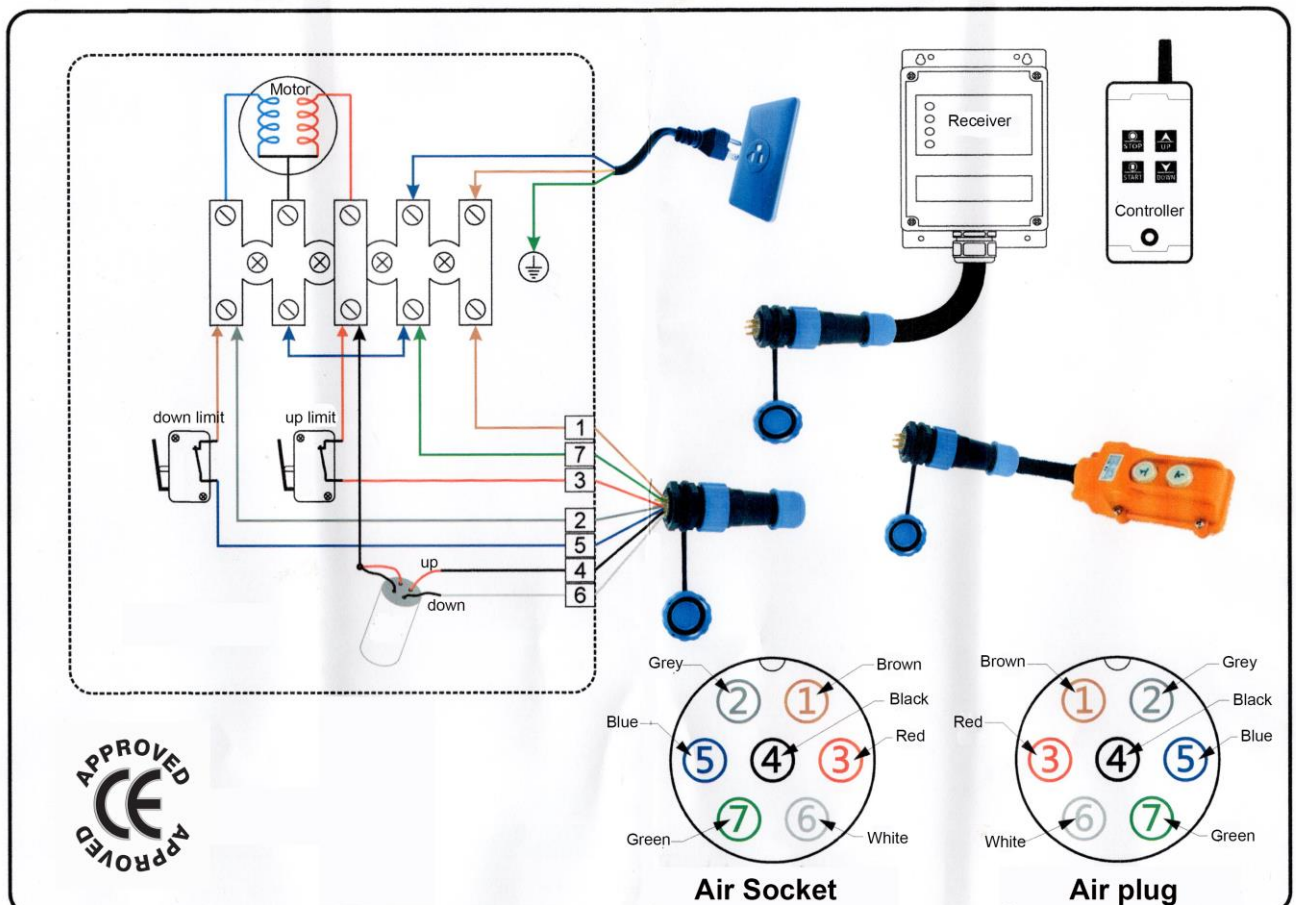
WARNING: DO NOT USE WIRELESS REMOTE SET FOR LIFTING PEOPLE

WARNING: DO NOT USE WIRELESS REMOTE SET IN WATER OR RAIN

WARNING: DO NOT USE WIRELESS REMOTE SET OUTSIDE TEMPERATURE RANGE -20°C to 70°C

WARNING: REMOVE WIRELESS REMOTE SET WHEN NOT IN USE

WIRING DIAGRAM





Supplier: Winch Solutions Ltd, Unit 17/18 Bradley Hall Trad Est, Standish Wigan, WN6 0XQ,
United Kingdom

Certificate No.	UNIA2018120508EC-01-ACWRC
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EC Declaration of Conformity

Equipment	AC Wireless Remote Set 240V & 110V
Model	ACWRC240, ACWRC110
Serial Number	

In accordance with the following directives:

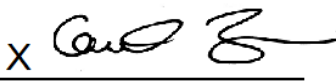
R&TTE	1995/5/EC
Radio Equipment Directive	2014/53/EU RED
EMC	2004/104/EEC ETSI EN 301 489-1/-3
Radio	ETSI EN 300 440-2 ETSI EN 300 220 v1.1.1
Safety	2014/35/EU EN ISO 13849-1 2008, BS EN 60950-1
Health	EN 62479 A2:2013
Spectrum Band	433.05-434.79MHz

In accordance with Article:

Article Number	Standard	Document Number	Date of Issue
3.1 (a)	EN 62479	UNIA2018120508HR-01	12.12.2018
3.1 (a)	EN 60950-1	UNIA2018120508SR-01	12.12.2018
3.1 (b)	ETSI EN 301 489-1/-3	UNIA2018120508-1ER-01	12.12.2018
3.2	ETSI EN 300 440	UNIA2018120508-2ER-01	12.12.2018
3.2	ETSI EN 300 220	UNIA2018120508-3ER-01	12.12.2018

I hereby declare that the equipment named above has been designed and manufactured to comply with relevant sections of the above referenced specifications. The products comply with the essential requirements of the relevant directives and standards. This certificate is only valid for the product(s) and configuration described in conjunction with details test data and with all applicable legal requirements of this product.

Date:	16/08/2019 15:28
Issuing Country:	United Kingdom

X 
Paul Bimson
Technical Manager

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