

Introduction

The **WINNER** range of Radio Remote Controls have 10 double pushbuttons and allow up to 4 pushbuttons or 2 pushbuttons plus 2 lateral selector switches for auxiliary functions.

The battery is placed in the transmitter's cover by means of an automatic closing new system. The whole set is completed with the new receiver, which is modular and versatile in design. It can be wired via a connector with the option of magnetic.

The equipment can incorporate the advanced feature of **Intelligent Changing Frequency Management (GCFI)**. This technology enables the equipment to detect and choose the most adequate channel within the frequency band, avoiding possible interferences.



Transmitter

Receiver

Technical Specification

Number of Commands	Up to 21 + Start/Horn + Stop
Hamming Distance	≥6
Response Time	<50ms
Active Emergency Response Time	<50ms
Passive Emergency Response Time	1900ms
Operating Range	100m

Battery & Charger details

Charger Power Supply	230/110 VAC
Battery Charging Time	7 - 8 Hrs
Protection Rating	IP 30
Dimensions	105 x 75 x 45mm / 4.13 x 1.89 x 3.58 in

Transmitter

Operating Frequency	UHF UN 30 from C.N.A.F. (433.00 to 434.00 Mhz) UHF UN 39 from C.N.A.F. (865.000 to 870.000 Mhz)
Operating Working Time	24 Hours + 15 minutes after low battery LED flash
Channel Spacing	25KHz
Modulation	FM
RF Power Output	10mW A.R.P.
Coding Key	FFSK
Transmitting & Standby Power Consumption	<80mA/<800μA
Dimensions	236 x 66 x 66 mm /9.29 x 2.60 x 2.60 in
Battery Capacity and Type	Removable Battery, NiMH 3.6V
Operating Temperature	-20°C to +70°C
Transmitter Approx Weight	0.6Kg/1.33lb
Battery Weight	121g/0.27lb

Receiver

RF Sensitivity	0.3m V
Number of Commands	12/21 + 3 (Start/Horn + 2 Stop)
Relays	Resistive load: 5A + 5A at 250Vac or 30Vdc
Power Requirements	48/110/220 VAC in accordance with EN 60047-5-1
Display	By means of 6 LEDS
Wiring	By Itowa Connector of 48 pins
Dimensions	External 374 x 274 x 110mm / 14.72x 10.79 x 8.5 in
Fuses	Emergency Stop Function 7.5A
Weight	with Fastening 4.20kg/9.33lb
Protection Rating	IP 65
Fastening	By nut bolts or Magnetic