

Itowa ✱ India

WINNER

Radio Remote Controls



ACTUAL, ADVANCED, IMPROVING IN RADIOCONTROL

The WINNER range has been designed to enable advanced control over a wide variety of applications. Its design allows the greatest amount of features a radio remote control can have. The transmitter, with 10 double step push buttons has 5 status leds, which display either the system status or special functions.

Its design allows the possibility to incorporate the latest technological advances such as the infrared system (IR) or the intelligent Changing Frequency Management (GCFI).

The manufacturing using new durable materials provides the equipment with a greater resistance either to weather conditions or to possible impacts.



Most advanced Technology - simply Intelligent

WINNER

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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 system. The new belt fastenings are interchangeable, so in case of break it will not be necessary to replace the transmitter's cover.

The whole set is completed with the new receiver, which is more modular and versatile in design. It can be wired via a connector with the option of magnetic fastening. It is also supplied with the intelligent battery charger. 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.

TECHNICAL SPECIFICATIONS

Number of commands	Up to 21 + Start/Horn + Stop
Hamming distance	≥6
Responding time	<50 ms
Active emergency responding time	<50 ms
Passive emergency responding time	1900 ms
Operating range distance	90 m / 295 ft

TRANSMITTER

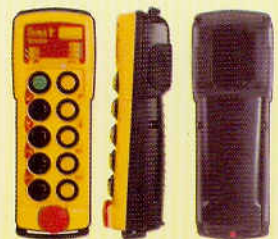
Operating range frequency	UHF UN 30 from C.N.A.F. (434.050 to 434.775 MHz) UHF UN 30 from C.N.A.F. (433.075 to 434.775 MHz)** UHF UN 32 from C.N.A.F. (433.050 to 434.775 MHz)* UHF UN 39 from C.N.A.F. (868.000 to 870.000 MHz)
Channel spacing	25kHz
Modulation	FM
RF power output	10mW A.R.P.
Coding key	FFSK
Transmitting power consumption	< 80 mA
Standby power consumption	< 800 µA
Battery capacity and type	Removable battery NiMH 3.6V
Operating working time	11 hours + 10 minutes after low-battery led flashes (Conventional) 24 hours + 15 minutes after low-battery led flashes (Winner GCFI)
Operating temperature	-20°C to +70°C
Transmitter Approx. Weight	(without battery) 0.6 kg / 1,33 lb
Battery weight	121g / 0.27 lb
Dimensions	236x66x66 mm / 9,29x2,60x2,60 in

RECEIVER

RF Sensitivity	0.3 mV
Number of commands	12 / 21 + 3 (Start-Horn + 2 Stop)
Relays	Resistive load: 5 A + 5 A at 250 Vac or 30 Vdc
Power requirements	48 Vac / 115 Vac / 230 Vac (-20% +15%) in accordance with EN 60047-5-1
Display	By means of 6 leds
Maximum consumption	0,9 A (48 Vac) / 0,5 A (115 Vac) / 0,2 A (230 Vac)
Wiring	By Itowa connector of 48 pins
Dimensions	External 374x274x216 mm / 14,72x10,79x8,50 in
Fuses	Emergency Stop Function 7,5 A
Weight	With Fastening 4,20 kg / 9,33 lb
Protection rating	IP 65
Fastening	3mm bichromatic steel By nut bolts or magnetic

BATTERY CHARGER

Charger power supply	230 Vac / 14 Vdc
Power requirements	12 Vdc / 24 Vdc
Battery charging time	7-8 hours
Protection rating	IP30
Dimensions	105x48x91 mm / 4,13x1,89x3,58 in



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