

BEST IN CLASS RADIO REMOTE CONTROLS



Itowa TUNNER



TRANSMITTER



RECEIVER



The TUNNER range has either 4 or 6 double depression push buttons and another pushbutton for the start manoeuvre. There are 4 LEDs which supply the operator with a visual indication of the system status.

The system is supplied with a small receiver which is modular and versatile. It can be wired via a connector or stuffing box, with optional magnetic mounting.

The complete system has been designed so that it can be manipulated without tools, not only the transmitter but also the receiver. This reduces the cost of technical assistance associated to facilitate in the programming and configuration of the system.

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

TECHNICAL SPECIFICATIONS

Number of commands	Up to 9 + Start/Horn + Stop
Hamming Distance	≥6
Response Time	<50ms
Active Emergency Response Time	<50ms
Passive Emergency Response Time	1900ms
Operating Range	100m

TRANSMITTER

Operating Frequency	UHF UN 39 from C.N.A.F. (868.000 to 8670.000 Mhz) Other Frequencies Available
Channel Spacing	25KHz
Modulation	FM
RF Power Output	10mW A.R.P.
Coding Key	FFSK
Transmitting Power Consumption	<80mA
Standby Power Consumption	<800µA
Battery Capacity and Type	Removable Battery, NiMH 3.6V
Operating Working Time	18 Hours + 10 minutes after low battery LED flashes
Operating Temperature	-20°C to +70°C
Transmitter Approx Weight	(without battery) 0.325Kgs
Dimensions	170 x 70 x 55 mm/6.69 x 2.75 x 2.17 in

RECEIVER

RF Sensitivity	0.3mV
Number of Commands	9 (Start-Horn + 2 Stop)
Relays	Resistive load: 5A + 5A at 250Vac or 30Vdc
Power Requirements	110VAC/220VAC in accordance with EN 60047-5-1
Display	By means of 6 LEDs
Wiring	By Itowa Connector of 26 pins
Dimensions	External 190x83x65mm(with support)/7.48 x 3.27 x 6.5 in
Fuses	Emergency Stop Function 3A
Weight	with Fastening 0.89Kg
Protection Rating	IP 65
Fastening	By nut bolts, DIN rail or Magnetic

BATTERY CHARGER

Charger Power Supply	100-240VAC (max 3VA)
Battery Charging Time	8 Hours
Protection Rating	IP 30
Dimensions	105 x 75 x 45mm/4.13 x 2.95 x 1.77 in

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