

Introduction

The **TUNNER** range has either 4 or 6 double depression push buttons, and another push button for the start manoeuvre. There are 4 led which provide the operator with a visual indication of the system status. The system is supplied with a small receiver which is modular and versatile in design. 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 and configuration of the system. This reduces the costs of technical assistance to facilitate and configure of the system.

The equipment incorporates 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 9 + Start/Horn + Stop
Hamming Distance	≥6
Response Time	<50ms
Active Emergency Response Time	<50ms
Passive Emergency Response Time	1600ms
Operating Range	100m

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	18 Hours + 10 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	170 x 70 x 55 mm / 6.69 x 2.75 x 2.17 in
Battery Capacity and Type	Removable Battery, NiMH 3.6V,1000mAH
Operating Temperature	-20°C to +70°C
Transmitter Approx Weight	0.325 Kgs (without battery)

Battery Charger details

Charger Power Supply	100-240 VAC (max 3VA)
Battery Charging Time	7 - 8 Hrs
Protection Rating	IP 30
Dimensions	105 x 75 x 45mm / 4.13 x 2.95 x 1.77 in

Receiver

RF Sensitivity	0.3m V
Number of Commands	12 (9 + Alarm + 2 Start (Stop))
Relays	Resistive load: 5A + 5A at 250Vac or 30Vdc
Power Requirements	110 VAC / 220 Vac (-20% +15%)
Display	in accordance with EN 60047-5-1
Wiring	By Itowa Connector of 26 pins
Fuses	Emergency Stop Function 3 A
Dimensions	External 190x 83x 165mm (with support) / 7.48 x 3.27 x 6.5 in
Weight	with Fastening 0.89Kgs
Protection Rating	IP 65
Fastening	By nut bolts, Din railor Magnetic