

BEST IN CLASS RADIO REMOTE CONTROLS



Itowa COMBI



Combi radio remote controls have two versions of the operating commands: digital upto 4 or 6-step joysticks, or analogical and proportional step-less joysticks, to control digital or analog manoeuvres. The receiver has a set of LEDs to report system status, providing greater safety and agility when anomalies have to be detected. It also has an RS-485 port to connect to PLCs, robots, variators or any peripheral equipment that requires information through serial port. It incorporates a multi-frequency, synthesized radio system that enables the operator to automatically change the working channel.

These units accept several configurations depending on the application:

Master/Slave: Two transmitters control two receivers.

Pitch & Catch: Two transmitters control one receiver,

Tandem: One transmitter controls two receivers

TRANSMITTER



TECHNICAL SPECIFICATIONS

Number of commands	Digital: 13/21/25 + Start - Stop - Horn Digital/Analogical: 13-8/20-8 + Start - Stop - Horn
Response Time	<50ms
Active Emergency Response Time	<50ms
Passive Emergency Response Time	1900ms
Operating Range	100m

TRANSMITTER

Operating Frequency	UHF UN 30 from C.N.A.F. (434.050 to 434.775 Mhz) UHF UN 39 from C.N.A.F. (868.000 to 8670.000 Mhz)
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 7.2V
Operating Working Time	11 Hours + 30 minutes after low battery LED flashes
Operating Temperature	-10°C to +55°C
Transmitter Approx Weight	1.5Kg/3.3lb
Battery Weight	200g/0.44lb

RECEIVER



RECEIVER

RF Sensitivity	0.3mV
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 (-20% +15%)
Display	By means of 6 LEDs
Wiring	By Itowa Connector of 48 pins
Dimensions	External 374x274x116mm/14.27x10.79x8.5 in
Fuses	Emergency Stop Function 7.5A
Weight	with Fastening 3.80kg/8.44lb
Protection Rating	IP 65
Fastening	By nut bolts, DIN rail or Magnetic

BATTERY CHARGER

Charger Power Supply	230VAC
Battery Charging Time	8Hours
Protection Rating	IP 30
Weight	200g/0.44lb

SPEED-O-CONTROLS PVT. LTD.

H. O. Unit - I : C-15/16, Nand Jyot Industrial Estate,
Andheri - Kurla Road, Mumbai - 400072
Tel : (022) 42469700-30, (022) 28518512-3-4,
Fax : (022) 42469797/ 28518516,
E-mail : sales@socgroup.in

Unit - II : Plot No. 4912, G. I. D. C.,
Phase IV, Vatva, Ahmedabad - 382445
Tel.: (079) 40083201/2/3/4,
Fax : (079) 25841056,
E-mail : sales.amd@socgroup.in

Visit us at : www.socremote.com
: www.speedocontrols.com