

IMET 'M550 WAVE' PUSH-BUTTON RADIO

TECHNICAL DATA SHEET

Transmitters



Models: (All Dual Speed—Double pressure buttons)

S4	4 way + Start/Stop.
S6	6 way + Start /Stop
S8	8 way + Start /Stop
L10	10 way + Start /Stop
L10-Duplex	10 way + Start /Stop + Duplex screen.
L12	12 way + Start /Stop.

All transmitters can be fitted with a 3 way or 4 way rotary selector switch, additional momentary push-

Specification:

Dimensions:

S4 - S8	75 x 43 x 180mm	375g
L10 - L12	75 x 43 x 245mm	445g
L10+ Display	75 x 43 x 245mm	465g

Frequency Range	434.050—434.775Mhz
Separation	25Khz steps
No of channels	30
Range	~100mts in clear conditions
Modulation	GMSK
Output power	10mW ERP
Pairing addresses	65,536
Housing material	Fibre re-enforced nylon
Protection	IP65
Temp range	-20°C to +70°C

Battery charger:

Power supply	AC version 230V DC version 11-32V
Absorption	3.3W during charging
Recharging time	~ 3hours
Charging temp.	0°C to +35°C
Dimensions	75 x 49 x 142mm
Weight	AC Version 490g DC version 250g

Receivers

Models:

The **M550S WAVE** range of Radio systems uses two standard types of Receiver as shown below :



Type 'L'
20 x 12 Amp
volt free relays



Type 'H'
16 - 48 x 12 Amp
volt free relays

Data common to both Type "L" & "H"

Power supply AC	24, 48, 110 & 230VAC
Power supply DC	12 to 28VDC
Absorbed power	20W max
Max. analogue outputs	8 - Voltage or Current driven
Stop relay volt free	Category 4 6A
Start relay volt free	Yes
Security relay volt free	Operated by each motion button
Dimensions	Type 'L' - 145 x 65 x 225 Type 'H' - 205 x 280 x 130
Weight	3.5Kg
Housing material	Fibre re-enforced nylon
Protection	IP65
Temp range	-20°C to +70°C
Frequency range	434.050—434.775Mhz
Separation	25Khz steps

Relevant standards:

Machine directive 98/37 CE
 EN 330 220-3 (2000) (Standard SRD)
 EN 301 489-1 (2000) (Standard EMC)
 EN 301 489-3 (2001) (Standard EMC)
 EN 61000-6-2 (Standard EMC)
 EN 60204-32, 1998-10 (Machinery safety)
 EN 60950 (2000) (Safety information technology)
 1999/5/CE ack. by law decree 09/05/01 No 269 (Directive R&TTE)
 UNI EN 954-1 (10-1998) (Parts of command system with safety)
 89/336/CEE art. 4, 10.1& 10.2 attachments 1 & " (Directive EMC)
 73/23/CEE art 2, All. 1,3 part B,4 and variations (Directive LV)

Standard systems comprise:

- 1 Transmitter with carrying strap, 2 Nimh rechargeable batteries and charger.
- 1 Receiver c/w antennae
- 1 Installation and maintenance instructions
- 1 Certificate of conformity



The Power to Move