

HPL 50™ High Power Transmitter

TECHNICAL DATA



HPL 50

Output Frequencies:	512Hz, 982Hz, 9.82kHz (user-specific on request)
Output Power:	0...50 W, manually switchable in 0.5W increments, limited to 10 watts at 9.8kHz (FCC)
Impedance Matching:	0.5... 1024 Ω , automatic
Multi-Frequency:	simultaneous transmission of three frequencies
Multi-Meter Function:	resistance, current, voltage
Power Supply:	Lead Gel 12V/12 amp hours
Operating Time:	>1 hr at 50W, >5 hr at 10W
Charging Time:	6 hrs
Anti Deep Discharge Protection:	for internal battery
Dimensions:	16.1" x 6.9" x 13.2" (410 x 175 x 335 mm)
Weight:	26.4 lbs (12kg)
Operating Temperature:	-20°C to +55°C
Enclosure Protection:	IP54
Regulatory Compliance:	CE, FCC

FEATURES

- 50 watt output from mains, internal battery or 12V, DC
- Rugged housing, weather resistant
- Automatic impedance matching
- Built-in frame antenna for inductive locating
- Backlit display with multi-meter (resistance, voltage, current)
- Current Measurement
- Continuous duty on high capacitance loads such as pipelines
- Standard and custom frequencies
- Multi-frequency and pulsed mode
- Software updates via RS232 connection
- External control and multiplex up to 16 directions via PC, cell phone or radio

STANDARD EQUIPMENT

Transmitter, Mains Cable, Cable Kit, and Cable Bag.

OPTIONAL EQUIPMENT

12V DC connection kit, radio and cell-phone controller and 16 way multiplexer.



SERVICE CENTER, SALES AND TECHNICAL SUPPORT INFORMATION

Corporate Headquarters
3251 Olcott Street
Santa Clara, CA 95054
800-446-3392
408-734-1400 Direct
408-734-1415 Fax
www.metrotech.com
sales@metrotech.com

Metrotech Eastern U.S. Service Center
1824 Murfreesboro Road, Ste. 104
Nashville, TN 37217
800-624-6210
615-366-7323 Direct
615-360-9855 Fax
nashville@metrotech.com

Metrotech European Service Center
Seba KMT
Dr. Herbert Iann St. 6
96148 Baunach, Germany
+49 9544 680
+49 9544 2273 Fax
service@sebakmt.com

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