

3M™ Dynatel™ 12-watt Transmitter 2200M Series

A newer, higher powered transmitter is the latest addition to the 3M Dynatel products family. This portable 12-watt output transmitter is compatible with existing M-series receivers and provides the maximum allowed induction power. The 12-watt transmitter can be powered by six C-size alkaline batteries, the rechargeable battery pack, or 12V external power supply.

A Reputation of Excellence

When you choose a quality 3M™ Dynatel™ Locator, you get outstanding performance and reliability, along with 24/7 technical support and a service center dedicated to excellence. Our service center provides calibration, repair, upgrades and modifications for safety, performance and reliability.

Product Features

- Maximum allowed output power
- Four active frequencies, direct connect & Dynacoupler
- Three induction frequencies
- All frequency mode in direct connect
- Automatic impedance matching
- Ohm meter with high voltage detection
- Rugged, industrial temperature range
- 240VAC output protection
- Standard alkaline (c-cell) batteries
- Rechargeable battery kit



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Ordering Information

US Versions Locator Kits		Cable/Pipe Locate	Earth Return Fault Locate	Electronic Marker Locate	US Receiver	International Receiver	US 12W Transmitter	International 12W Transmitter	Direct Connect Cable—small clips	Direct Connect Cable—large clips	3" Coupler	Coupler Cable	A Frame	A Frame Cable	Ground Rod	2200RB Rechargeable Battery	Cigarette Lighter Adapter Cable	2200M Carrying Bag
80-6113-3107-7	2220M-UCU12W-RT	■			■		■		■	■	■	■			■	■	■	■
80-6113-3041-8	2250M-UCU12W-RT	■			■		■		■	■	■	■			■	■	■	■
80-6113-3039-2	2250M-ID/UCU12W-RT	■		■	■		■		■	■	■	■			■	■	■	■
80-6113-3040-0	2250M-ID/UW12W-RT	■		■	■		■		■	■	■	■			■	■	■	■
80-6113-3046-7	2273M-UCU12W-RT	■	■		■		■		■	■	■	■	■	■	■	■	■	■
80-6113-3044-2	2273M-ID/UCU12W-RT	■	■	■	■		■		■	■	■	■	■	■	■	■	■	■
80-6113-3045-9	2273M-ID/UW12W-RT	■	■	■	■		■		■	■	■	■	■	■	■	■	■	■
International Versions Locator Kits																		
80-6113-3207-5	2220M-ECU12W-RT	■				■		■	■	■	■	■			■	■	■	■
80-6113-3037-6	2250M-ECU12W-RT	■				■		■	■	■	■	■			■	■	■	■
80-6113-3038-4	2250M-ID/ECU12W-RT	■		■		■		■	■	■	■	■			■	■	■	■
80-6113-3042-6	2273M-ECU12W-RT	■	■			■		■	■	■	■	■	■	■	■	■	■	■
80-6113-3043-4	2273M-ID/ECU12W-RT	■	■	■		■		■	■	■	■	■	■	■	■	■	■	■
US Versions (Transmitter Only)																		
80-6113-3108-5	2250M-U12WT						■								■	■	■	
80-6113-3032-7	2273M-U12WT						■								■	■	■	
International Versions (Transmitter Only)																		
80-6113-3109-3	2250M-E12WT							■	■	■					■	■	■	
80-6113-3033-5	2273M-E12WT							■	■	■					■	■	■	

12-watt Transmitter Specifications

Trace mode frequencies	
2220M	8 kHz, 82 kHz
2250M/2273M	577 Hz, 8 kHz, 33 kHz, 200 kHz
2250ME/2273ME (International)	577 Hz, 8 kHz, 33 kHz, 133 kHz
Fault mode frequencies	
	10/20 Hz -fault
	577 Hz / 33 KHz -trace
Induction mode frequencies	
2220M	8 kHz, 82 kHz
2250M/2273M	8 kHz, 33 kHz, 200 kHz
2250ME/2273ME (International)	8 kHz, 33 kHz, 133 kHz
Pulsing tone frequencies	
2220M	n/a
2250M/2273M	577 Hz, 200 kHz
2250ME/2273ME (International)	577 Hz, 133 kHz
Output power (maximum)	
	3 watt maximum
	12 watt w/external DC source (varies by frequency)
Output voltage (maximum)	
	70 Vrms
Output Protection	
	240 Vrms
Weight w/batteries (alkaline)	
	5.2 lbs (2.4 kg)
Battery Quantity and size	
	6 "C" alkaline (LR14)
Battery Life	
	40 hours typical (normal output level)
	10 hours typical (high output level)
	Rechargeable battery will extend operation time by 40%
External DC power	
	9–18 V DC
Standard	
	IP54
Regulatory	
	CE, FCC
Operating Temperature	
	-4°F to 122°F (-20°C to 50°C)
Storage Temperature	
	-4°F to 158°F (-20°C to 70°C)



3M™ Rechargeable Battery 2200RB

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