



Locating just got easier!
Find pipes and cables quickly
with ease and confidence.
MPL element has all the
precision of high end locators
without all the hassle.
•No more toggling
frequencies or adjusting
settings.
•Save time and money on
training!

PIPE LOCATOR MPL element



Simple

No confusing menus or settings. Just turn it on and start locating! Choose between null for quick locates, peak for more precision, and depth with one touch of a button.

On screen arrows and sound guidance show the direction of the utility and adjust automatically with distance



Accurate

Antennas on the left and right provide the same level of precision you have come to expect from Takachiho locators with even more speed.

The frequency has been carefully selected for a perfect balance between signal strength and noise resistance.



Compact

Small and lightweight with rotating antenna pole for easy storage. Durable construction can support up to 80kg (175 lbs)!



Transmitter (TX)

Output frequency	82.175 kHz $\pm 0.02\%$
Output power	1 watt maximum
Operating Modes	Direct connection mode, Inductive mode External coil mode (optional)
Battery type	Six Alkaline LR20 "D"
Battery Life	Direct mode : 50 hours (Output 4 mA , 20°C/68°F) Full Power(1W) : 20 hours (20°C/68°F)
Battery Status	Low battery indication
Audio Indication	Internal Speaker : Alarm, Beeping sounds
Output protection	AC 250V
Operating Temperature	-20°C to 50°C / -4°F to 122°F
Dimensions	(H)244 mm x (W)220 mm x (D)92 mm 9.61" x 8.66" x 3.62"
Weight	2.6 kg / 5.8 lbs. approx. Including eight batteries
Protection grade	IP54 (Protection from splashed water)

Receiver (RX)

Output frequency	82.175 kHz $\pm 20\text{Hz}$
Battery type	Four Alkaline LR6 "AA"
Battery Life	30 hours (20°C/68°F, speaker sound off, backlight off)
Battery Status	Continuous indication
Power save function	Automatically power off after 30minutes of inactivity
Visual Indication	LCD : Bar graph , digital number & character, include backlight
Depth Display Range	0 to 5 m /16 ft. Depth readout unit: meter / feet & inch
Current value	Current value flowing on the conductor is displayed for line identification in milliamps.
Audio output	Internal Speaker with volume adjustment.
Operating Temperature	-20°C to 50°C / -4°F to 122°F
Dimensions	(H)661 x (W)228 x 195 mm (26.0" x 8.98" x 7.68")
Weight	1.1 kg/ 2.4 lbs. approx. including four batteries
Protection grade	IP54 (Protection from splashed water)

