

Fault Finder Metal Pipe / Cable / Optical Fiber / etc...

MPL-H11DX

7W

HIGH POWER

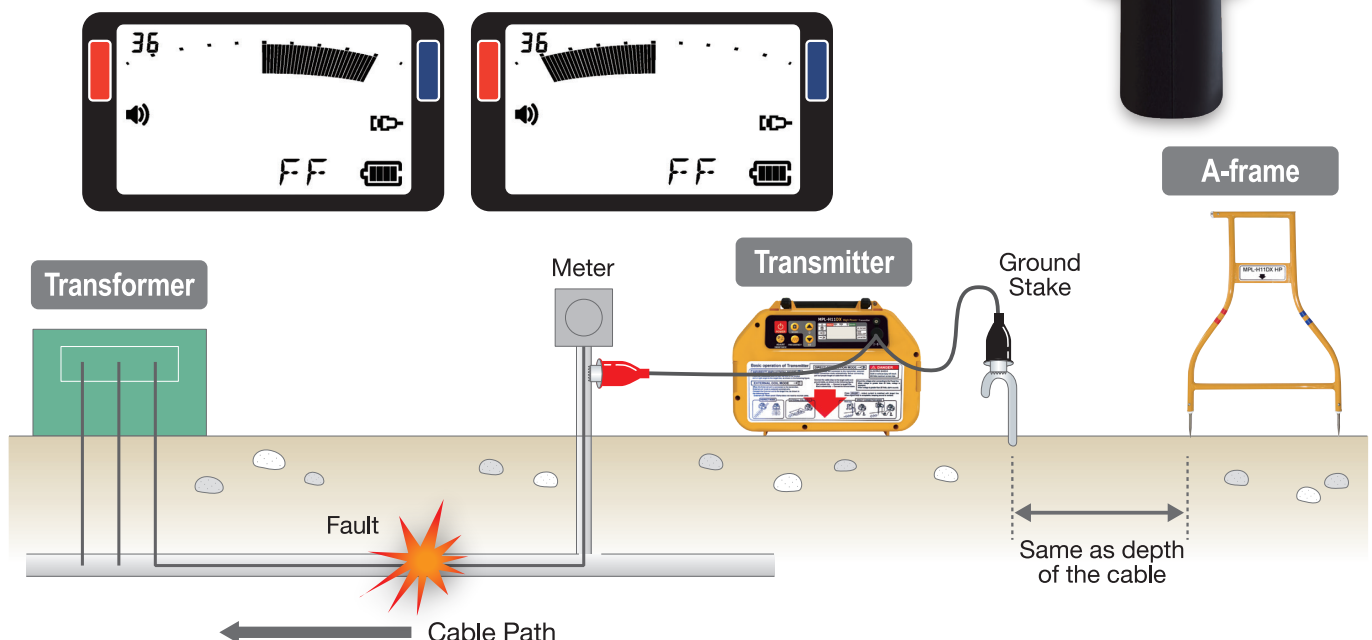
MORE POWER, MORE EFFICIENTLY

Our 7 watt transmitter not only delivers more power than before, but it also uses load-matching to maximize the amount of current on the target line. While competing brands focus on output wattage, the HP transmitter measures the resistance on the line and automatically matches the power output to deliver maximum current while saving on battery life.

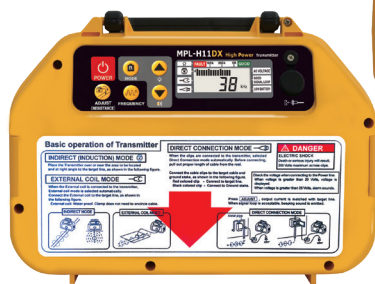


LOCATE UNDERGROUND FAULTS WITH EASE

The HP Transmitter can identify faults on underground electric cables by measuring resistance up to $2M\Omega$. By connecting the optional A-frame to the receiver, the user can easily pin-point the fault location without excavating or pot-holing. Simply follow the direction that the onscreen bargraph indicates to locate faults with accuracy and precision. Save time and money by avoiding unnecessary digging. This feature comes standard on all HP locator systems.



MPL-H11DX HIGH POWER



Transmitter



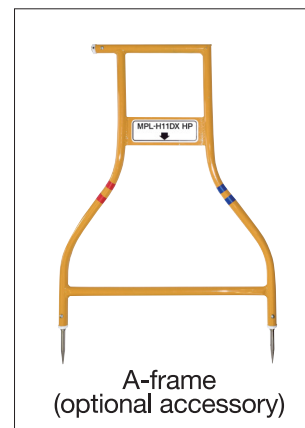
Receiver



Grounding rod



Grounding cord reel



A-frame
(optional accessory)

Transmitter

Output frequencies	512 Hz/ 9.5 kHz/ 38 kHz/ 80 kHz Dual : Direct mode serves 9.5 kHz & 38 kHz dual mode
Output power	7 watts maximum 1 watt maximum (80 kHz mode only)
Transmitting modes	Direct connection, Inductive, External coil
Battery Type	Eight LR20 "D" size
Battery Life	Direct : 50 hours (Output 4 mA, 68°F/20°C) Inductive and External coil : 20 hours (50% Output, 68°F/20°C)
Battery Status	Low battery indication
Visual Indication	LCD with backlight
Audio Indication	Internal Speaker: Alarm, Beeping sounds
Measuring Function	Line Voltage: AC 0 to 250V
Approvals	Bluetooth® 5.2
Operating Temperature	-20°C to 50°C / -4°F to 122°F
Material	ABS : shock and cold resistant, weatherproof
Dimensions	When using : 10.3" x 12.4" x 4.3" (261mm x 314mm x 110mm) When straging : 8.9" x 12.4" x 4.3" (227mm x 314mm x 110mm)
Weight	7.9 lbs. (3.6 kg approx.)

Receiver

Active Frequencies	512 Hz/ 9.5 kHz/ 38 kHz/ 80 kHz
Passive Radio	9 kHz to 33 kHz
Passive Power	60 Hz : 45 to 65 Hz 120 Hz : 95 to 125 Hz
Measurement Modes	MODE1 : Peak/Null mode (contains both peak and null features) MODE2 : Peak mode (used for accurate locating) MODE3 : Null mode (used for easy locating)
Digital Level	Indicate horizontal level on LCD of the Receiver
Current value	Current value flowing on the conductor is displayed by milli-Amps.
Battery Type	Six Alkaline LR6 "AA"
Battery Life	18 hours (68°F/20°C)
Visual Indication	LCD with backlight
Depth Display Range	High precision depth measurement : 0-10m/30ft
Date logging	Memorized 400 points of depth the current measurement / the date and time date
Approvals	Bluetooth® 5.2
Operating Temperature	-4°F to 122°F / -20°C to 50°C
Dimensions	26.0" x 5.1" x 10.6" (660 x 130 x 270mm)
Weight	4.7 lbs (2.1 kg) approx. including batteries
Data Recording	Memorized 400 points of the depth / current / frequency
Material	ABS : shock and cold resistant, weatherproof
Interface	Data transfer port
Audio Output	Internal Speaker, Earphone (optional)

Fault Finder

Output Power	7W
Output Frequency	9.5 kHz + 512 Hz (525 Hz)
A-frame Dimensions	22.0" x 33.5" x 1.0" (560 x 850 x 25.4 mm)
Fault Detection	High resistance faults up to 2 mega ohms.

■ Measurement Accuracy

- 6.6' (2.0m) ... within ± 2.5%
- 9.8' (3.0m) ... within ± 5.0%
- 16.4' (5.0m) ... within ± 10.0%

*Locators are tested in the model field conditions with no adjacent signals in Iwakura Plant.

