

Transmitter

Receiver

A-frame

Grounding cord reel

Grounding rod

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	5 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
Measuring Function	Line Voltage: AC 0 to 250V
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.)

Fault Finder

Output Power	5W
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.

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
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)



This is it. MPL-FF
Fault-Finding with Cable Locating.



Iwakura Plant & Overseas Division
10-1, Ehigashi, Higashi-Machi, Iwakura-Shi,
Aichi-Ken 482-0041 Japan
TEL +81-587-37-7771

Tokyo Office
32-8, 5-Chome, Shiba, Minato-Ku,
Tokyo 108-0014 Japan
TEL +81-3-3453-4778

<http://www.takachiho-sc.com/>

Your Local Contact



Fault Finder MPL-FF

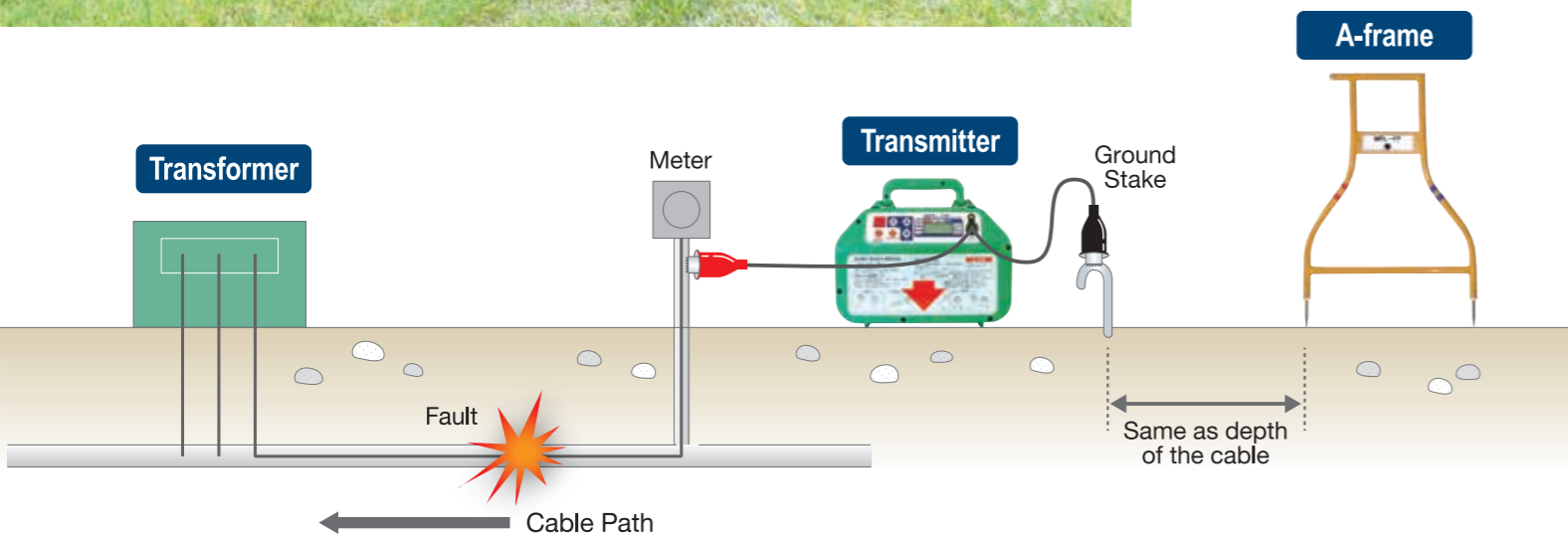
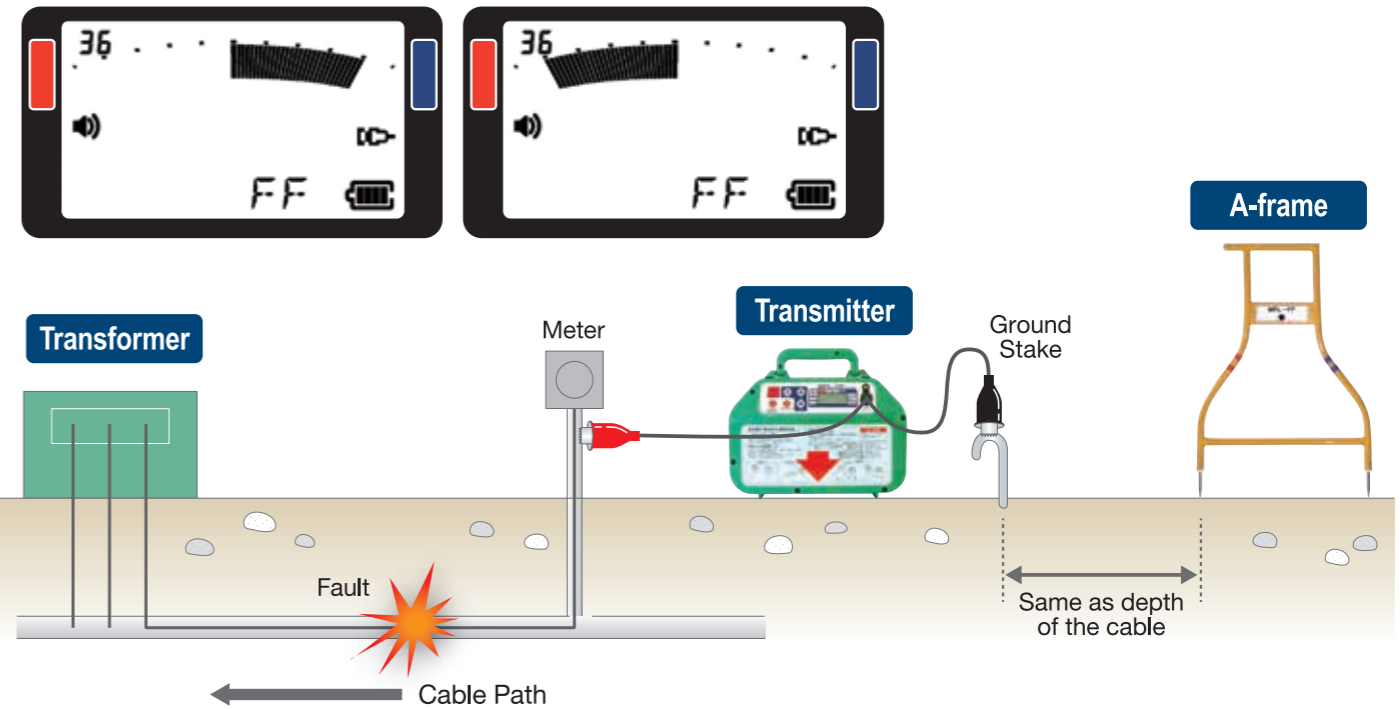
Metal Pipe / Cable / Optical Fiber / etc...



Five Internal Coils provide accurate locating.

Fault-Finding Function Simply follow the icon direction.

MPL-FF can locate ground return faults quickly and accurately with simple icon direction way. Transmitter LCD shows ohm readout and it helps operator determine fault quality.



Cable-Locating Function We can detect the buried cables more easily and reliably.

Just push one button for changing fault-finding to cable-locating. Continuously measuring directions and depths. 3 kinds of measurement modes are selectable. Peak, Null, and Peak/Null modes. More easily and more accurately by the new functions.

Fault-Finding with Cable-Locating

MPL-FF possesses the function of fault-finding and cable-locating. Those two functions are accurate and dependable by using Takachiho original technologies. MPL-FF can locate cable with its depth. And it finds ground-return faults of direct buried cable on electric, CATV and telecommunication cables in pinpoint. MPL-FF is a specialized equipment to do these works with only one tool.

