

ii905/ii915

Acoustic Imager

Safety Information



2-Year Limited Warranty.
See the Users Manual for the full warranty.

Go to www.fluke.com to find more information.

To register your product, visit <http://register.fluke.com>.

To view, print, or download the manual and the latest manual supplement, visit <http://us.fluke.com/usen/support/manuals>.

A **Warning** identifies conditions and procedures that are dangerous to the user. A **Caution** identifies conditions and procedures that can cause damage to the Product or the equipment under test.

Warning

To prevent possible fire or personal injury:

- **Read all safety information before you use the Product.**
- **Carefully read all instructions.**
- **Do not alter the Product and use only as specified, or the protection supplied by the Product can be compromised.**
- **Do not use the Product around explosive gas, vapor, or in damp or wet environments.**

PN 5604500 5/2024 (English)

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Specifications are subject to change without notification.

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Fluke Corporation
6920 Seaway Blvd.
Everett, WA 98203
U.S.A.

Fluke Europe B.V.
P.O. Box 1186
5602 BD Eindhoven
The Netherlands



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- Do not use the Product if it operates incorrectly.
- Do not use the Product if it is altered or damaged.
- Disable the Product if it is damaged.
- Batteries contain hazardous chemicals that can cause burns or explode. If exposure to chemicals occurs, clean with water and get medical aid.
- Do not disassemble the battery.
- Remove the batteries if the Product is not used for an extended period of time, or if stored in temperatures above 50 °C. If the batteries are not removed, battery leakage may result.
- Use only Fluke approved power adapters to charge the battery.
- Do not short the battery terminals together.
- Do not disassemble or crush battery cells and battery packs.
- Do not keep cells or batteries in a container where the terminals can be shorted.
- Do not put battery cells and battery packs near heat or fire. Do not put in sunlight.
- Disconnect the battery charger and move the Product or battery to a cool, non-flammable location if the rechargeable battery becomes hot (>50 °C) during the charge period.
- Replace the rechargeable battery after 5 years of moderate use or 2 years of heavy use. Moderate use is defined as recharged twice a week. Heavy use is defined as discharged to cutoff and recharged daily.
- Repair the Product before use if the battery leaks. Battery leakage may create a shock hazard or damage the Product.
- Have an approved technician repair the Product.

Safety Specifications

Power

| | |
|--------------------|--|
| Battery | Rechargeable Lithium-ion battery |
| Battery life | >6 hours |
| Adapter..... | AC operation with included power supply, universal adapters included, output 15 VDC, 3 A |

Environmental Temperature

| | |
|----------------------|-----------------|
| Operating | |
| ii905 | -10 °C to 45 °C |
| ii915 | -10 °C to 40 °C |
| Storage | |
| Without battery..... | -20 °C to 70 °C |
| With battery..... | -20 °C to 60 °C |
| Battery charging | |
| ii905/ii915..... | 0 °C to 40 °C |

Altitude

| | |
|----------------|---------|
| Operating..... | 2000 m |
| Storage..... | 12000 m |

Ingress Protection IEC 60529: IP40

Radio Frequency Certification... FCC ID: VVXLM842,
IC: 10531A-LM842

Wireless Radio with WiFi/BT module

5 GHz band 1

| | |
|-----------------------|---------------------|
| Frequency Range | 5725 MHz to 5850MHz |
| Output Power | < 33dBm |

5 GHz band 2

| | |
|-----------------------|---------------------|
| Frequency Range | 5150 MHz to 5250MHz |
| Output Power | <23 dBm |

2.4 GHz band

| | |
|-----------------------|-----------------------|
| Frequency Range | 2400 MHz to 2483.5MHz |
| Output Power | <20 dBm |

Safety

| | |
|----------------------|---------------------------------|
| General..... | IEC 61010-1: Pollution degree 2 |
| Lithium battery..... | IEC 62133-2 |

Electromagnetic Compatibility (EMC)

| | |
|--------------------|--|
| International..... | IEC 61326-1: Industry Electromagnetic Environment CISPR 11: Group 1, Class A |
|--------------------|--|

Group 1: Equipment has intentionally generated and/or uses conductively-coupled radio frequency energy that is necessary for the internal function of the equipment itself.

Class A: Equipment is suitable for use in all establishments other than domestic and those directly connected to a low-voltage power supply network that supplies buildings used for domestic purposes. There may be potential difficulties in ensuring electromagnetic compatibility in other environments due to conducted and radiated disturbances.

Caution: This equipment is not intended for use in residential environments and may not provide adequate protection to radio reception in such environments.

Emissions that exceed the levels required by CISPR 11 can occur when the equipment is connected to a test object.

Korea (KCC)..... Class A equipment (Industrial Broadcast & Communications Equipment)

Class A: Equipment meets requirements for industrial electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and not to be used in homes.








USA (FCC) 47 CFR 15 subpart C

Radio Frequency Data Note

Changes or modifications to the wireless 5G/2.4 GHz radio not expressly approved by Fluke Corporation could void the user's authority to operate the equipment.

For complete information about radio frequency data, go to www.fluke.com/manuals and search for "Radio Frequency Data Class A".

Symbols

| Symbol | Description |
|---|--|
|  | WARNING. RISK OF DANGER. |
|  | Consult user documentation. |
|  | Battery status. Battery charging when animated. |
|  | On/Off |
|  Li-ion | This product contains a Lithium-ion battery. Do not mix with solid waste stream. Spent batteries should be disposed of by a qualified recycler or hazardous materials handler per local regulations. Contact your authorized Fluke Service Center for recycling information. |
|  | Conforms to European Union directives. |
|  | This product complies with the WEEE Directive and its marking requirements. The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Do not dispose of this product as unsorted municipal waste. For information about take-back and recycling programs available in your country, see the Fluke website. |