FLUKE

ii500
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 if it operates incorrectly.**

PN 6003347 5/2024 Rev. 1, 11/25 (English)
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- **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 35 °C. If the batteries are not removed, battery leakage can damage the Product.**
- **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.**
- **Have an approved technician repair the Product.**

Safety Specifications

Power

Battery ..... Rechargeable Lithium-ion battery

Battery life ..... >6 hours

Adatper..... AC operation with included power supply, universal adapters included, output 15 VDC, 3 A

Environmental temperature

Operating..... -10 °C to 45 °C

Storage

Without battery..... -20 °C to 70 °C

With battery..... -20 °C to 60 °C

Battery charging ..... 0 °C to 45 °C

Altitude

Operating..... 2000 m

Storage..... 12000 m

Ingress Protection ..... IEC 60529: IP40

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 lowvoltage 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 B. This product is considered an exempt device per clause 15.103.

Symbols

Symbol	Description
	WARNING. RISK OF DANGER.
	Consult user documentation.
	Battery status. Battery charging when animated.
	On/Off
	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.