

Manual Supplement

Manual Title: 8508A Users
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This supplement contains information necessary to ensure the accuracy of the above manual.











FLUKE®

Calibration

Change #1, 66660

On page 1-7, under **General Safety Summary**, remove the first paragraph.

On page 1-10, replace the **Symbols** table with:

Symbol	Description
	Risk of danger. Important information. See manual.
	Hazardous voltage. Voltage >30 V dc or ac peak might be present.
	AC (Alternating Current).
	Power ON / OFF
	Functional Earth ground.
	This product complies with the WEEE Directive (2002/96/EC) marking requirements. The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Product Category: With reference to the equipment types in the WEEE Directive Annex I, this product is classed as category 9 "Monitoring and Control Instrumentation" product. Do not dispose of this product as unsorted municipal waste. Go to Fluke's website for recycling information.
	Recycle.
	Product conforms with the requirements of the applicable EC directives.
	Intertek ETL listed mark for CSA C22.2 61010-1, and UL 61010-1.
	Conforms to relevant South Korean EMC Standards

On page 1-12, Tables 1-3, 1-4 and the *Rear Panel Detail* Figure 1-1, remove the IEC 127 from the Fuse Rating.

On page 2-7, replace the **Rear Panel** Figure 2-4 with:

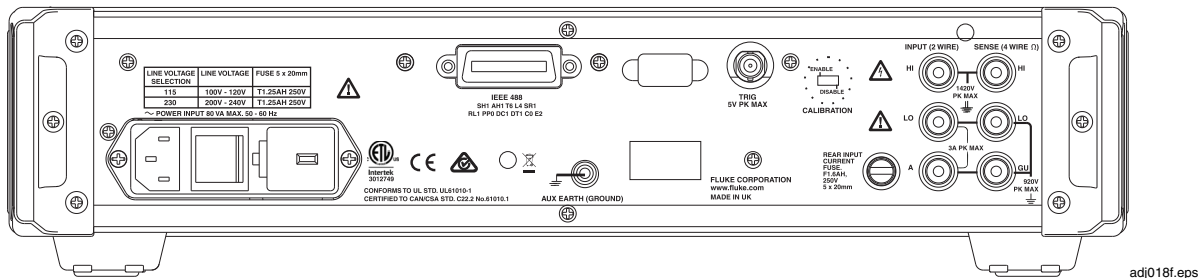


Figure 2-4. 8508A Rear Panel Detail

Change #2, 427, 66660

On page 5-3, under **General Specifications**, replace the **Safety** and **EMC** with:

Safety IEC 61010-1: Overvoltage CAT II, Pollution Degree 2, 1420 Vpk max transient into measurement terminals.

Electromagnetic Compatibility (EMC)

IEC 61326-1..... (Controlled EM Environment); CISPR 11, Group 1, Class A

Group 1 Equipment..... Group 1 has intentionally generated and/or use conductively coupled radio-frequency energy which is necessary for the internal functioning of the equipment itself.

Class A Equipment is equipment suitable for use in all establishments other than domestic and those directly connected to a low voltage power supply network which supplies buildings used for domestic purposes. Caution - There may be potential difficulties in ensuring electromagnetic compatibility in other environments, due to conducted and radiated disturbances. Emissions which exceed the levels required by CISPR 11 can occur when the equipment is connected to a test object.

USA (FCC)..... 47 CFR 15 subpart B, this product is considered an exempt device per clause 15.103

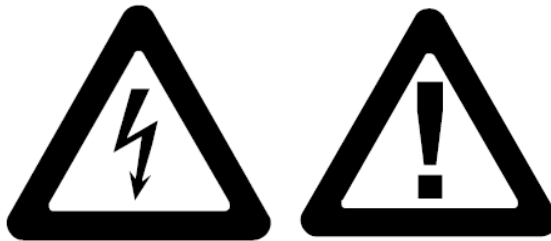
Korea (KCC) Class A Equipment (Industrial Broadcasting & Communication Equipment)
This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and not to be used in homes.

Change #3, 201

Following the Warranty page, add:

OPERATOR SAFETY SUMMARY

WARNING



LETHAL VOLTAGE

may be present on the terminals, observe all safety precautions.

To avoid electrical shock hazard, the operator should not electrically contact the meter terminals or circuits connected to these terminals. The terminal ratings permit lethal voltages of up to 1000 VAC RMS or dc to be present on these terminals.

Whenever the nature of the operation permits, keep one hand away from equipment to reduce the hazard of current flowing through vital organs of the body.

- Laboratory test equipment for measurement of controlled sources only.
- Do not connect the measurement terminals to mains or mains circuits.
- Use only current limited and controlled sources.

Change #4, 493

On page 5-4, replace the **DC and AC Voltage** table with:

DC and AC Voltage

Maximum Rms Terminal Voltages

						Sense Hi	250 V
						Hi	1000 V
					Sense Lo	1000 V	1000 V
				Lo	250 V	1000 V	1000 V
			A	250 V	250 V	1000 V	1000 V
		Guard	250 V	250 V	250 V	1000 V	1000 V
	DigGnd	650 V	650 V	650 V	650 V	1000 V	1000 V
Ground	0 V	650 V	650 V	650 V	650 V	1000 V	1000 V

Notes

- The A terminal is open circuit in these functions.
- In 4 wV mode, Sense Hi is internally connected to Hi, and Sense Lo is internally connected to Lo.

On page 5-14, remove note 18.