

Manual Supplement

Title:	381 Users	Supplement Issue:	8
Part Number:	3538357	Issue Date:	7/16
Print Date:	July 2010	Page Count:	8
Revision/Date:			

This supplement contains information necessary to ensure the accuracy of the above Manual.

Change #1

On page 8, add the following prior to the **Features** section:

This device complies with the following items of NCC related rules:

Article 12

Without permission granted by the NCC, any company, enterprise, or user is not allowed to change frequency, enhance transmitting power or alter original characteristics as well as performance to approved low-power radio frequency devices.

Article 14




The low-power radio frequency devices shall not influence aircraft security and interfere with legal communications. If found, the user shall cease operating immediately until no interference is achieved.

The said legal communications means radio communications is operated in compliance with the Telecommunications Act.

The low-power radio frequency devices must be susceptible with the interference from legal communication or ISM radio wave radiated devices.

Change #2, 59597, 62583, 320

On page 6, add the following to the **Symbols** Table, and remove the **TUV**:

	Conforms to relevant South Korean EMC Standards
	Consult user documentation.
	Conforms to relevant Australian Safety and EMC standards.

On page 38, replace the EMI, RFI, EMC, RF Specifications with the following:

Electromagnetic Compatibility (EMC)

International..... IEC 61326-1: Controlled 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 Broadcasting & Communication 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.

Radio frequency certification.....FCC ID: T68-F381, IC: 6627A-F381

Change #3

On page 4, prior to the **Caution**, add:

- **Measure a known voltage to verify product operation.**

Change #4, 62194, 485, 320

On page 39, under **Specifications**, remove:

Double Insulation Clearance.....

Double Insulation Creepage.....

Agency Approvals.....

Replace Safety Compliance with:

SafetyIEC 61010-1, Pollution degree 2

IEC 61010-2-032: CAT III 1000 V / CAT IV 600 V

IEC 61010-2-033: CAT III 1000 V / CAT IV 600 V

Remove the Agency Approvals.

Change #5

On page 8, under **Remote Display** replace the last paragraph with:

The wireless radio signal does not hinder Meter measurements. Usually, the radio signal is off when the Display Module is docked to the Meter base.

To verify the Meter firmware version:

With the Meter off, simultaneously push the HOLD button and turn the Rotary Function Switch to voltage dc.

Meter with Firmware Version < 0.9

It is possible for the radio signal to be on when the Display Module is docked and the Rotary Function Switch is set to OFF. To make sure that the radio signal is off, remove the batteries from the Meter base and Display Module.

Meter with Firmware Version \geq 0.9

None

On page 10, under ***Auto Power Off*** replace with:

Units with Firmware Version < 0.9

The Meter powers off if there is no button push or Rotary Function Switch operation for 20 minutes. If the Meter powers off, turn the Rotary Function Switch OFF and then back on again. Auto Power Off is disabled during Min Max Avg function use. To disable the Auto Power Off, hold down ^{ZERO} while turning on the Meter.

Units with Firmware Version ≥ 0.9

The Meter powers off if there is no button push or Rotary function Switch operation for 20 minutes. If the Meter powers off:

1. Dock the Display Module to the Meter base.
2. Turn the Rotary Function Switch to OFF.
3. Turn on the Rotary Function Switch.

Auto Power Off is disabled during Min Max Avg function use. To disable the Auto Power Off, hold down ^{ZERO} while turning on the Meter.

Change #6, 106, 485,

On page 6, replace CAT III, CAT IV, and add CAT II to the **Symbols** table:

CAT II	Measurement Category II is applicable to test and measuring circuits connected directly to utilization points (socket outlets and similar points) of the low-voltage MAINS installation.
CAT III	Measurement Category III is applicable to test and measuring circuits connected to the distribution part of the building's low-voltage MAINS installation.
CAT IV	Measurement Category IV is applicable to test and measuring circuits connected at the source of the building's low-voltage MAINS installation.