

OM247-SOLO

Safety Guide

User Safety and Regulations



About This Guide

This guide contains basic regulatory and safety information.

Document Number: 94-0159-01

Revision: 1.0

Issue Date: 22/05/2014

User Safety

Operational Warnings

Important information on safe and efficient operation. Read this information before using the device. For safe and efficient use of the device, observe the guidelines outlined below.

International Protection Rating

The device carries an IP rating of IP68 and as such can be immersed in water up to a depth of 5 metres.

Environmental Specification

10% to 90% humidity

(Battery Charger fitted) 0°C to +45°C

(No Battery Charger fitted) -20°C to +60°C

Installation

The equipment must be installed by a SERVICE PERSON.

Unit Record

The model number, regulatory number and serial number are located on a nameplate on the rear of the device.

Battery Charging

When not in use, disconnect the battery charger from both the device and the mains electricity supply. To halt charging, remove the charging clip from the device.

Product Handling

- Do not disassemble, open, crush, deform or puncture the product.
- Do not modify, remanufacture, attempt to insert foreign objects, expose to fire, explosion or other hazards.
- Only use the product with an approved charger. Use of an unqualified charger may present a risk of fire, explosion, leakage or other hazard.
- Use only approved power accessories such as AC-power adaptors.

AC Power Adaptor

Source: G4SMTL

Model: SMC

Part Number: 35-0092-3

Input Rating: 100-240V VAC, 50-60Hz, 350mA

Output Rating: 5VDC, 3000mA

FCC Statements



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Statements (continued)



Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

This product meets the FCC Radiofrequency Emission Guidelines and is certified with the FCC as:

FCC ID: OY3SOLO433

FCC ID: 2ACGBSOL915

The FCC ID is located on a label on the rear face of the product.

EU Regulatory Conformance



We hereby declare that this device is in conformance to all essential requirements of the R&TTE Directive 1999/5/EC.

This equipment is marked with the 'CE' symbol and can be used throughout the European Community.

This indicates compliance with the R&TTE Directive 1999/5/EC and meets the relevant parts of the following technical specifications:

- ETSI EN 300 220-1 V2.3.1
- ETSI EN 300 220-2 V2.3.1
- ETSI EN 301 489-1 V1.8.1
- ETSI EN 301 489-3 V1.4.1
- EN 60950-1:2006



This symbol indicates that this product should be recycled and not be disposed of in unsorted municipal waste. This product should be returned to the supplier for correct disposal.

RF Safety Exposure (SAR)

This unit has been tested for RF exposure compliance at a qualified test laboratory. It was found to comply with the regulations regarding exposure to RF Energy under the recommendations of the International Commission on Non-Ionizing Radiation Protection (ICNIRP).

SAR (Specific Absorption Rate) is measured using the device's highest transmitting power. Because the device automatically lowers its power output to the minimum required to connect with the network, the actual SAR while it is operating is typically lower than the quoted figure.

The SAR limit for mobile devices set by FCC/IC is 4.0 W/kg, averaged over 10 grams of tissue for the extremities — hands, wrists, ankles, and feet.

The highest reported SAR value of the OM247-SOLO tag is 3.571 W/kg, averaged over 10g.

The maximum 10g volume averaged SAR level measured for all the tests performed did not exceed the 2.0 W/kg level defined for limiting the exposure of the general population to time-varying electric and magnetic fields by ICNIRP (1998), which is the relevant standard for testing according to the CENELEC EN 62209-1: 2006 test method.