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Regulatory Compliance

Tsunami MP.11 Safety and Regulatory Compliance Guide

Model 5012-SUI

Model 5054-SUI

Model 5012-SUR

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Proxim
wireless

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IMPORTANT!

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Please read this document before installing and using your product, and save these instructions.

Products Covered in the Guide

This document contains important safety and regulatory compliance information for the following products:

Product	Model Numbers
Tsunami MP.11 Models 5012-SUI, 5012-SUR, 5054-SUI	5012-SUI-WA-xx 5054-SUI-xx 5054-SUI-WA-xx 5012-SUR-xx

Please see the following sections for more information:

- [Safety Information \(USA, Canada, & European Union\)](#)
 - [5012-SUI/5054-SUI](#)
 - [5012-SUR](#)
- [Federal Communications Commission \(FCC\) Compliance](#)
 - [Modifications](#)
 - [Warnings](#)
- [Regulatory Compliance Certifications Summary](#)

Safety Information (USA, Canada, & European Union)

5012-SUI/5054-SUI

This product has been evaluated to, and complies with the Safety requirements of IEC60950:1999, the Standards for the Safety of Information Technology Equipment. When using this device, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- Operate and install this product as described in this manual. This device must be installed and used in strict accordance with the manufacturer's instructions.
- Use only the AC/DC power supply adapter provided. For replacement, contact your local supplier or distributor.
- To avoid the risk of electric shock from lightning, do not use this product during an electrical storm.
- Installation of this product must conform to local regulations and codes.
- When using this product with an external antenna, see the installation documentation provided with the antenna system.
- No user serviceable parts; all repairs and service must be handled by a qualified service center.

5012-SUR

This product has been evaluated to, and comply with, the U.S. and Canadian (Bi National) Standard for Safety of Information Technology Equipment, including Electrical Business Equipment and IEC60950:1999, the Standard for the Safety of Information Technology Equipment.

The product is intended to be installed, used, and maintained by experienced telecommunications personnel only.

When using this device, basic safety precautions should always be followed to reduce the risk of fire, electrical shock, and injury to persons, including the following:

WARNING: These units are intended for installation in accordance with Articles 110–18, 110-26, and 110-27, 725, 800, and 810 of the United States National Electric Code ANSINFPA 70, and per the applicable Articles in the Canadian National Electric Code.

- Operate and install these products as described in this manual. Equipment must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation provided.
- Installation of these products in the end use must conform to local regulations and codes.
- Products are to be used with and powered by an 802.3af compliant power injector.
- A 15-amp circuit breaker is required at the power source.

WARNING: This equipment is intended to be grounded. A 10 AWG earthing conductor at a minimum is to be used for this purpose.

- Do not connect or disconnect the power cable to the equipment when the power injector is plugged into an AC power outlet.
- Servicing of these products should be performed only by trained personnel. Do not disassemble. By opening or removing any covers, you may expose yourself to hazardous energy parts. Incorrect reassembly of these products can cause a malfunction and/or electric shock when the units are subsequently used. No user serviceable parts; all repairs and service must be handled by a qualified service center.
- Do not insert any objects of any shape or size inside these products while powered on. Object may contact hazardous energy parts that could result in a risk of fire or personal injury.
- Do not remove or alter the Marking label provided on these products.
- To avoid the risk of electric shock from lightning, do not use these products during an electrical storm.

Federal Communications Commission (FCC) Compliance

The 5012-SUI and 5054-SUI operate at 5.15 - 5.35 GHz, 5.47-5.725 GHz and 5.75 - 5.85 GHz in compliance with Part 15 of the FCC Rules. The 5012-SUR operates at 5.25 GHz - 5.35 GHz, 5.47-5.725 GHz and 5.75 - 5.85 GHz in compliance with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) This device must accept any interference received, including interference that may cause undesired operation.

To comply with the FCC radio frequency exposure requirements, the following antenna installation and device operating configurations must be satisfied:

- 5012-SUI and 5054-SUI models must be used indoors only and must be installed to provide a separation distance of at least 20 cm (8 inches) from all persons.
- Product models using external antennas require professional installation. The antennas used for professional installation must be fixed-mounted on indoor/outdoor permanent structures with a separation distance of at least 100 cm from all persons.
- Antennas must not be co-located and must not operate in conjunction with any other antenna or transmitter.

Modifications

The FCC requires the user to be notified that any changes or modifications to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment. The correction of interference caused by unauthorized modification, substitution or attachment will be the responsibility of the user. The manufacturer and its authorized resellers or distributors are not liable for any damage or violation of government regulations that may arise from failing to comply with these guidelines.

Warnings

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 and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment to 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

In some situations or environments, the use of wireless devices may be restricted by the proprietor of the building or responsible representatives of the organization. These situations may, for example, include the use of wireless equipment on board airplanes, or in any other environment where the risk of interference to other devices or services is perceived or identified as harmful.

If you are uncertain of the policy that applies on the use of wireless equipment in a specific organization or environment (such as airports), you are encouraged to ask for authorization to use this device prior to turning on the equipment.

Regulatory Compliance Certifications Summary

Country	Certification/Reference No.
Australia & New Zealand	N11394
Canada	IC Cert. No.: 1856A-MP50XXSU
China	CMII ID: 2004DJ0340
European Union*	CE
Japan	Radio Cert. Nos.: 003WY05050 0000
Mexico	Pending
South Korea	Radio Cert. No: R-LARN-04-0010
Taiwan	DGT Cert. No: Pending
USA	FCC ID: HZB-MP50XXSU

* European Union includes the following countries: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, and the United Kingdom; also applies to Iceland, Liechtenstein, Norway, and Switzerland.