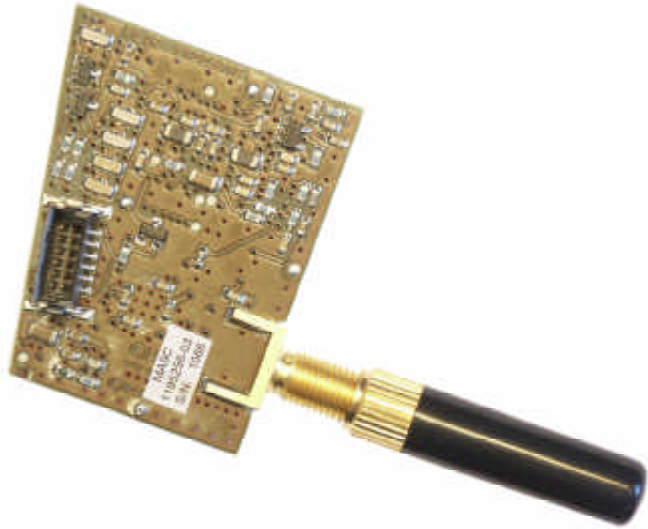


Users Manual MA9C



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Table of contents

FCC regulation text.....1
Copyrights and trademarks.....2
Installation requirements.....3
Power requirements:4
Environmental requirements:4
Radio characteristics4
Antenna:5

Antenna:

Use **ONLY** the antenna supplied with the module.

Power requirements:

Supply voltage: 3,3V \pm 5%
Supply current: 50mA

Environmental requirements:

Operating temperature: -15 to +70 °C
Storage temperature: -40 to +85 °C

Radio characteristics

Output power: 1mW
Sensitivity 0.001% BER: -82dBm

FCC regulation text

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

NOTE: 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.

Copyrights and trademarks

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Installation requirements

The end user product must be labeled in a visible area with the following:

Containing FCC ID: RZQ1195256

The Radio Module shall be connected to an external supply source (SELV) which provides reinforced/double insulation from the AC-mains.

The MA9C board must be enclosed in a conductive or non-conductive casing.