
Epson 160627 802.11b/g Wireless Radio Module Usage Guide

The 160627 is an 802.11b/g radio module that can be used for adding Wi/Fi functionality to Epson products. This device has been FCC and IC tested and certified as a stand alone module.

Integrating the RF Wi/Fi Module into a final product requires implementing the following requirements into the final product.

IMPORTANT: Changes or modifications not expressly approved by Epson Canada Limited could void the user's authority to operate the equipment.

United States FCC

FCC Compliance Statements

IMPORTANT: Changes or modifications not expressly approved by Epson Canada Limited could void the user's authority to operate the equipment.

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, 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.

FCC RF Exposure Compliance

IMPORTANT: In order to satisfy FCC RF exposure requirements this module must not exceed the maximum power measured as shown in the filing and must be used with integral antenna that has been tested and approved for use. This modular transmitter must not be co-located or operating in conjunction with any other antenna or transmitter and a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation.

Canada IC

Industry Canada Notices

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

OEM Labeling Requirements

The Original Equipment Manufacturer (OEM) must ensure that FCC and Industry Canada labeling requirements are met. This includes a clearly visible label on the outside of the final product enclosure that displays the contents shown below.

Contains FCC ID: T89-160627

Contains IC: 2007B-160627

IMPORTANT: The integrator is responsible for its product to comply with IC ICES-003 & FCC Part 15, Sub. B – Unintentional Radiators. Final product must comply with unintentional radiators before declaring compliance of their final product to Part 15 of the FCC Rules and Industry Canada ICES-003.