

User - Manual

Product Information

Product Specifications

Model Number: K24RA2

Power supply voltages are: 1.4V to 1.9V@VDDRF and 1.7V to 3.6V@VDDIO.

Operating package top temperature is from 0°C to 70°C

Connectivity: All in one 24 GHz Radar transceiver with integrated antennas.

FCC ID: 2A4DH-0315

IC ID: 24273-0315

OEM Warning Statement

The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC/IC identification number :

[English]

If using a permanently affixed label, the modular transmitter must be labeled with its own FCC/IC identification number, and, if the FCC/IC identification number is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains Transmitter Module FCC ID: 2A4DH-0315, IC: 24273-0315" Any similar wording that expresses the same meaning may be used. The Grantee may either provide such a label, an example of which must be included in the application for equipment authorization, or, must provide adequate instructions along with the module which explain this requirement. In the latter case, a copy of these instructions must be included in the application for equipment authorization

[French]

Si vous utilisez une étiquette collée en permanence, le transmetteur modulaire doit porter son propre numéro d'identification FCC / IC, et si le numéro d'identification FCC / IC n'est pas visible lorsque le module est installé dans un autre appareil, l'extérieur de l'appareil dans sur lequel le module est installé doit également afficher une étiquette faisant référence au module inclus. Cette étiquette extérieure peut utiliser les libellés suivants: «Contient le module émetteur, ID FCC: 2A4DH-0315, IC: 24273-0315». Tout libellé similaire exprimant le même sens peut être utilisé. Le bénéficiaire peut soit fournir une telle étiquette, dont un exemple doit être inclus dans la demande d'autorisation d'équipement, soit fournir des instructions adéquates ainsi que le module qui explique cette exigence. Dans ce dernier cas, une copie de ces instructions doit être jointe à la demande d'autorisation d'équipement.

Safety and Compliance Information

Using Your Device Around Other Electronic Devices

The Device, uses, and can radiate radio frequency (RF) energy and, if not used in accordance with its instructions, may cause interference to radio communications and electronic equipment. External RF signals may affect improperly installed or inadequately shielded electronic operating systems,

entertainment systems, and personal medical devices.

While most modern electronic equipment is shielded from external RF signals, if in doubt, check with the manufacturer. For personal medical devices (such as pacemakers and hearing aids), consult with your physician or the manufacturer to determine if they are adequately shielded from external RF signals.

There are some places where RF signals could constitute a hazard, such as health care facilities, and construction sites. If you are not sure, look around for signs indicating that two-way radios or mobile phones should be turned off.

DRAFT

FCC Compliance Information

Radio Frequency Information

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.

Changes or modifications that are not expressly approved by the party responsible for compliance could make the device no longer comply with the FCC Rules.

Information on your device is on file with the FCC and can be found by inputting your device's FCC ID, which can be found on the back of Device, into the FCC ID Search form available at transition.fcc.gov/oet/ea/fccid.

IC Compliance Information

Radio Frequency Information

This device complies with Industry Canada's license-exempt RSSs. 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure. Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.

Information Regarding Exposure to Radio Frequency Energy

This equipment complies with IC RSS-102 RF exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé.

CAN ICES-3(B)/NMB-3(B)