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User manual for IKEA | Sonos – Wireless module

FCC ID: FHO-920-00632 and IC: 10912A-92000632

Module description: There are two different radios in the Wireless Module. The first radio supports WiFi wireless Ethernet based on the IEEE 802.11 a/b/g/n standards. The 2.4 GHz communication is limited to channels 1-11 for North America. The 5 GHz communication is controlled based on regional regulatory requirements. The second radio supports Bluetooth Low Energy (BLE) mode (v4.2). Support for BLE is through a dedicated chip. Operation in BLE mode is supported in the required 2.4 GHz ISM band on channels 0-39. In addition to the radios, the Wireless Module supports wired Ethernet communication (IEEE 802.3 100Base-TX) by using Ethernet port. In this mode of operation, the WiFi wireless Ethernet is disabled.

Note: Wireless Module labeled with "FCC ID: FHO-920-00632" is not capable of transmitting on 2.4GHz Channels 12 & 13. This FCC ID does not appear on the product label of non-USA product versions (SKUs).

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical device, basic precautions should always be followed, including the following:

To reduce the risk of burns, fire, electric shock, or injury to persons:

1. Unplug from outlet before putting on or taking off parts.
2. Close supervision is necessary when this device is used by, or near children, invalids, or disabled persons.
3. Never operate this device if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the device to a service center for examination and repair.
4. Keep the cord away from heated surfaces.
5. Do not use outdoors.



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Advice and instructions for Wireless Module:

Sound level: Lower than 55 dB(A).

Temperature interval at usage: +10 °C up to + 40 °C/+50 up to +104 °F.

Temperature interval at storage: -18°C up to 70°C/0 up to 158°F.

Humidity: 20% up to 90% at 40°C/104°F.

Power supply unit: The module is power by a specified DC supply that is mains connected. The power supply is certified for its intended usage and evaluated for safety.

Model: 920-00632

This appliance shall only be used together with the matching DC power supply.

Installation instructions:

- Install module in host product with screws and hand tighten. Install all connectors from the host product to the wireless module.
- Place the electrical cables so that they do not get damaged, see assembly instruction.
- Connect the electrical cable to a wall socket.

Usage of the Wireless Module:

- The wireless module can only be used within the scope of approval within the country from where the authorization was granted. IKEA strongly discourages the use of the wireless module outside the bounds of the equipment authorization. This device can only be used with IKEA approved antenna with characteristics and gain that is compatible with the equipment authorization.

Operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

La bande 5 150-5 250 MHz est réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.



Changes or modifications not expressly approved by IKEA could void the user's authority to operate the equipment.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1. This device may not cause interference.*
- 2. This device must accept any interference, including interference that may cause undesired operation of the device.*

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;*
- 2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

To ensure compliance with FCC and ISED RF exposure requirements this device must be installed to provide a minimum of 20cm between the device and people.

Pour garantir la conformité aux exigences d'exposition RF de la FCC et d'ISED Canada, cet appareil doit être installé de manière à laisser un minimum de 20 cm entre l'appareil et les personnes.



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SAFETY REGULATIONS

Maintenance and repair instructions:

- If any part of the electrical system is replaced, the electrical cable must first be disconnected from the wall socket. Replace the electrical part and then connect the electrical cable to the wall socket. The product is now ready for use. If the product still does not work, please contact your nearest IKEA store or customer service.

PRODUCT SERVICING

Do not attempt to repair this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks.

Manufacturer:

IKEA of Sweden AB

Address:

Box 702, SE-343 81 ÄLMHULT

SAVE THESE INSTRUCTIONS

This device complies with Part 15 of the FCC Rules/Industry Canada license-exempt RSS standard(s).

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 of the device.

WARNING:

Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

IKEA of Sweden AB

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The crossed-out wheeled bin symbol indicates that the item should be disposed of separately from household waste. The item should be handed in for recycling in accordance with local environmental regulations for waste disposal. By separating a marked item from household waste, you will help reduce the volume of waste sent to incinerators or landfill and minimize any potential negative impact human health and the environment. For more information, please contact your IKEA store