Honeywell CK62 Handheld Computer Mini Wireless Wired Mechanical Keyboard Owner's Manual

Contents

Honeywell

Honeywell CK62 Handheld Computer Mini Wireless Wired Mechanical Keyboard

Product Specifications

- **Model:** CK62 Handheld Computer
- **Agency Models:** CK62X00, CK62X10
- **Wireless Connectivity**: 802.11a
- **Compliance:** FCC Part 15 Subpart B Class B, Canadian Compliance

Product Usage Instructions

Safety Precautions:
Ensure that only shielded data cables are used with the system to prevent interference and ensure proper functioning.

Body Worn Operation:
For body worn operation, ensure the device is used with the approved body worn accessory, such as a hand strap, to comply with electromagnetic radiation exposure limits.

Wireless Network Usage:
When using the device on a wireless network, have a Wireless Network Administrator review operating restrictions and ensure proper configuration with an access point.

Frequently Asked Questions (FAQ)

- **Where can I find publicly downloadable certificates for the device?**
  Publicly downloadable certificates are available at **honeywell.com/PSScompliance**.
- **What should I do if I need to make modifications to the equipment?**
  Any changes or modifications made to the equipment that are not expressly approved by Honeywell International Inc. may void the authorization to operate the equipment.
- **Can I use accessories other than the hand strap for body worn operation?**
  The device has been tested with a hand strap for body worn operation. The use of other accessories may not ensure compliance with electromagnetic radiation exposure limits.

Publicly downloadable certificates are available at **honeywell.com/PSScompliance**.
Caution: Any changes or modifications made to this equipment not expressly approved by Honeywell

International Inc. may void the authorization to operate this equipment.
For body worn operation, this device has been tested and meets the limits regarding human exposure to electromagnetic radiation set forth in related FCC, IC and CE rules, guidelines and standards for use with the following body worn accessory: hand strap. Use of other accessories may not ensure compliance with the mentioned rules.

FCC Note

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

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 or television technician for help.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. Honeywell International Inc. is not responsible for any radio or television interference caused by unauthorized modifications of this equipment or the substitution or attachment of connecting cables and equipment other than those specified by Honeywell International Inc. The correction is the responsibility of the user.
Use only shielded data cables with this system.

Canadian Compliance

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. CAN ICES (B) /NMB (B)

Radio Precaution Statements (North America)

- 802.11a wireless LAN 5150 to 5250 MHz (5.15 to 5.25 GHz) (5 GHz radio channels 36 – 48) is restricted to indoor operations to reduce harmful interference to co-channel Mobile Satellite System (MSS) operations.
- The maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the EIRP limit.
- The maximum antenna gain permitted for devices in the band 5725-5850 MHz shall comply with the EIRP limits

specified for point-to-point and non-point-to-point operation as appropriate.

- Be advised that high-power radars are allocated as primary users (i.e., priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.
- Operation of transmitters in the 5925 ~ 7125MHz band is prohibited for control of or communications with unmanned aircraft systems.
- This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter, except tested built-in radios.

DECLARATION OF CONFIRMITY

- Honeywell International Inc. hereby declares that the radio equipment types, non-specific SRD (Models: CK62X00, CK62X10) and cellular (Model:
- CK62X10), are in compliance with the following directives:
    - 2014/53/EU Radio Equipment
    - 2011/65/EU RoHS (Recast)
- The full text of the EU declaration of conformity is available at the following internet address: honeywell.com/PSScompliance.
- **European contact:**
    - Honeywell Productivity Solutions BV
    - Burgemeester Burgerslaan 40
    - 5245NH Rosmalen
    - The Netherlands

United Kingdom Contact

- United Kingdom Honeywell Scanning and Mobility, Honeywell House, Skimped Hill Lane, Bracknell, Berkshire, RG12 1EB Phone: +44 (0)1344921052
- The equipment is intended for use throughout the European Community.
- Refer to https://efis.cept.org for European Community Restrictions (EU ERC/REC 70-03):
    - **Annex 3 Band A**: 2400-2483.5 MHz
    - **Annex 13 Band E1**: 5150-5350 MHz, Band E2: 5470-5725 MHz
    - **Annex 9 Band J2**: 13553-13567 kHz

Operating Frequency Ranges

Models: CK62X00, CK62X10

- **2400-2483.5 MHz (PAN Bluetooth)**: 9.57 dBm EIRP
- **2400-2483.5 MHz (WLAN/RLAN 802.11b/g/n/ax):** 20 dBm EIRP
- **5150-5350 MHz, 5470-5725 MHz, (WLAN/RLAN IEEE 802.11 a/n/ac/ax):** 23 dBm EIRP
- **5725-5850 MHz (WLAN/RLAN IEEE 802.11 a/n/ac/ax):** 13.98 dBm EIRP
- **5945-6425 MHz (WLAN/RLAN IEEE 802.11ax):** 23 dBm EIRP

Model: CK62X10

- **1710 ~ 1785 MHz (DCS1800):** 30 dBm
- **880 ~ 915 MHz (E-GSM900):** 33 dBm
- **2570** ~ 2620 MHz (5G NR n38), 2496 ~ 2690 MHz (5G NR n41), 1920 ~ 1980 MHz (LTE Band 1), 1710 ~ 1785 MHz (LTE Band 3), 2500 ~ 2570 MHz (LTE Band 7), 880 ~ 915 MHz (LTE Band 8), 832 ~ 862 MHz (LTE Band 20), 703 ~ 748 MHz (LTE Band 28), 2010 ~ 2025 MHz (LTE Band 34), 2570 ~ 2620 MHz (LTE Band 38), 2300 ~ 2400 MHz (LTE Band 40), 3400 ~ 3600 MHz (LTE Band 42): 24 dBm
- **3600 ~ 3800 MHz (LTE Band 43):** 23.5 dBm
- **1920** ~ 1980 MHz (WCDMA Band 1), 880 ~ 915 MHz (WCDMA Band 8), 1920 ~ 1980 MHz (5G NR n1), 1710 ~ 1785 MHz (5G NR n3), 2500 ~ 2570 MHz (5G NR n7), 880 ~ 915 MHz (5G NR n8), 832 ~ 862 MHz (5G NR n20), 703 ~ 748 MHz (5G NR n28), 3300 ~ 4200 (5G NR n77), 3300 ~ 3800 MHz (5G NR n78): 25 dBm
- **2300 ~ 2400 MHz (5G NR n40):** 24.5 dBm

Product Environmental Information

Refer to **honeywell.com/PSSenvironmental** for the RoHS / REACH / WEEE information

Microwaves

The radio in the CK62 RF terminal operates on the same frequency band as a microwave oven. Therefore, if you use a microwave within range of the RF terminal you may notice performance degradation in your wireless network. However, both your microwave and your wireless network will continue to function.

CB Scheme
Certified to IEC 62368-1.

Laser Compliance and Precaution

CK62 with S0703 or S0803 Scan Engine

- This device has been tested in accordance with and complies with IEC60825-1:2014, 21 CFR 1040.10 and 1040.11, except for conformance with IEC 60825-1 Ed. 3, as described in Laser Notice No. 56, dated May 8, 2019.
- CK62 devices that include a laser caution label (see far right) affixed to housing are a CLASS 2 LASER PRODUCT. This product has a maximum output of 1 mW at 630-680 nm.
- Pulse duration of 16.8 mSec or 10mSec.
  CAUTION: Improper battery replacement or incompatible device usage may result in risk of burns, fire, explosion, or other hazard. Dispose of batteries according to local regulations.

RF Exposure Information (SAR)

- This mobile phone meets the government’s requirements for exposure to radio waves. This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government and Canadian Government.
- The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC/IC is 1.6 W/kg and for Europe 2 W/Kg. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can

be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Model CK62X00

FCC SAR
The highest reported FCC SAR values for body-worn and extremity use conditions are 0.83 W/kg (1g) and 2.51 W/kg (10g).

IC SAR

- The highest reported IC SAR values for body-worn and extremity use conditions are 0.82 (1g) W/kg and 2.51 W/kg (10g).
- The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID/IC ID:
- HD5-CK62X00/1693B-CK62X00

Model CK62X00

CE SAR
The highest reported CE SAR values for body-worn and extremity use conditions are 0.21 (10g) W/kg and 1.85W/kg (10g).

Model CK62X10

CE SAR

- WWAN: The highest reported CE SAR values for body-worn and extremity use conditions are 1.61 W/kg (10g) and 3.73 W/kg (10g).
- For body-worn operation, this device has been tested and meets the ICNIRP guidelines and the European Standard EN62209-2, for use with dedicated accessories.
- SAR is measured with this device at a separation of 5mm to the body.
- While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

Patents

For patent information, refer to **www.hsmpats.com**.
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Documents / Resources

	Honeywell CK62 Handheld Computer Mini Wireless Wired Mechanical Keyboard [pdf] Owner's Manual CK62 Handheld Computer Mini Wireless Wired Mechanical Keyboard, CK62, Handheld Computer Mini Wireless Wired Mechanical Keyboard, Mini Wireless Wired Mechanical Keyboard, Wired Mechanical Keyboard, Mechanical Keyboard, Keyboard

References

- Honeywell - The Future Is What We Make It
- Productivity Product Certifications
- Industrial Automation | Honeywell
- Productivity products and associated patents | Honeywell
- ECO Frequency Information System
- Productivity Product Certifications
- Industrial Automation | Honeywell
- User Manual