

Honeywell

H138994

PDM Document Status: Prod Check

CT40 Series

powered by Android™

Quick Start Guide

Not for Production

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06/24/2020

Printed On:

CT40-A-EN-QS-01 Rev E
06/20

Honeywell Proprietary & Co

Out of the Box

Make sure that your shipping box contains these items:

- Mobile Computer
Model CT40-LON, CT40-L1N, CT40P-LON, or CT40P-L1N
- Rechargeable Li-ion battery (see page 7)
- Hand strap
- Product documentation

If you ordered accessories for your mobile computer, verify that they are also included with the order. Be sure to keep the original packaging in case you need to return the mobile computer for service.

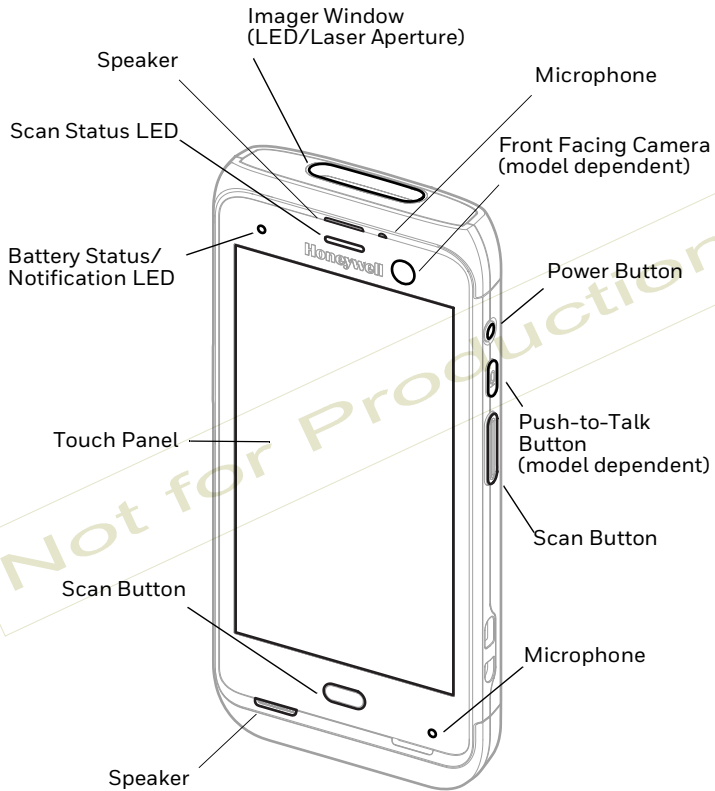
Note: CT40-LON/CT40P-LON models do not include a WWAN radio.

Memory Card Specifications

Honeywell recommends the use of Single Level Cell (SLC) industrial grade microSD™ or microSDHC™ memory cards with mobile computers for maximum performance and durability. Contact a Honeywell sales representative for additional information on qualified memory card options.

Mobile Computer Features

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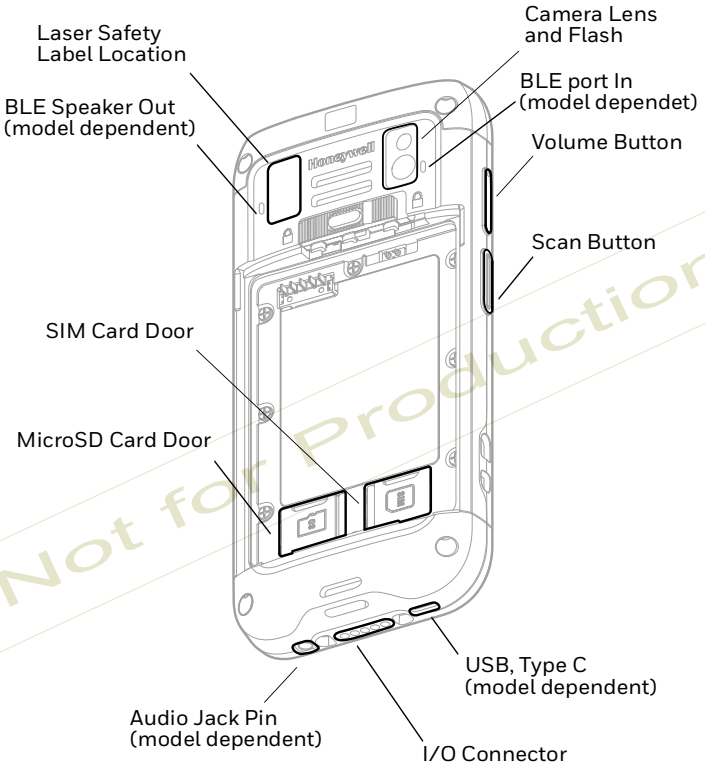
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Note: Hand strap not shown.

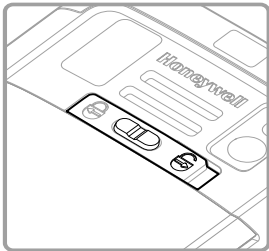


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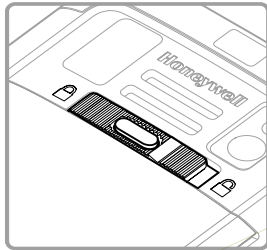
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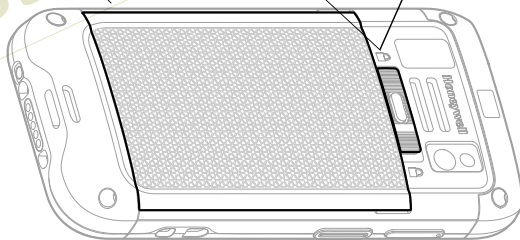


Battery Latch (Model CT40-xxx-xxxx0x)



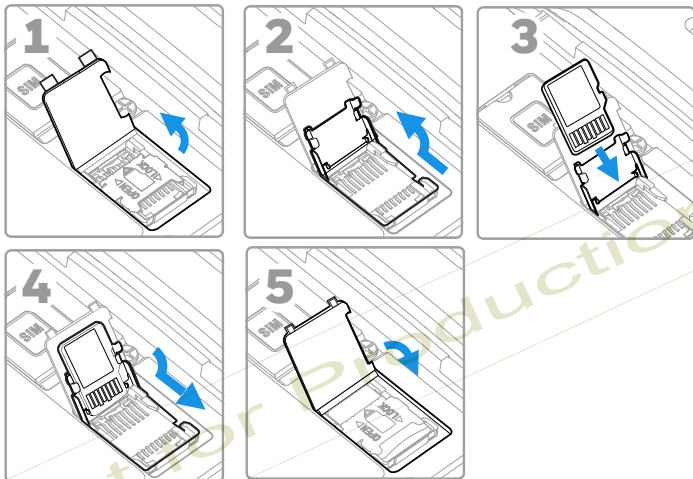
Battery Latch (Models CT40-L0N-xxxxxAx, CT40-xxx-xxxxxBx, CT40-xxx-xxxxHx, CT40P-L0N-xxxxxAx, CT40P-xxx-xxxxxBx, CT40P-xxx-xxxxHx)

Battery
(Refer to [page 7](#))



Install a microSD Card (Optional)

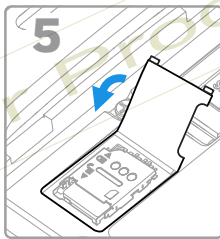
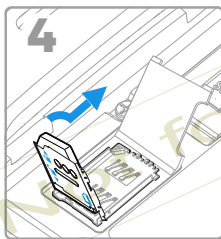
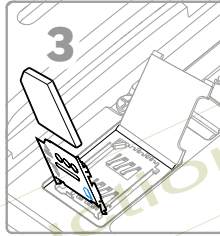
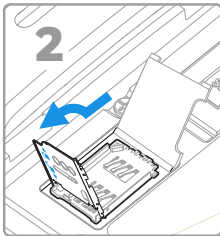
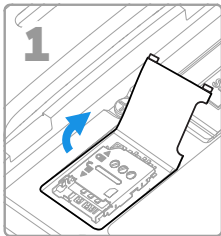
Note: Format the microSD card before initial use.



Note: Always power off the computer before attempting to install or remove a card.

Install a microSIM Card

Note: Phone feature is only available on CT40-L1N/CT40P-L1N models. On all models, the SIM slot supports use of a UICC card for NFC Secure Element NFC link encryption.



Note: Always power off the computer before attempting to install or remove a card.

About the Battery

The mobile computer ships with a Li-ion battery manufactured for Honeywell International Inc.

Model Configuration	Battery P/N	Power
CT40-xxx-xxxxx0x	318-005-011	3.8 VDC, 15.5 watt-hour
CT40-xxx-xxxxxHx	318-055-017	3.8 VDC, 15.5 watt-hour
CT40-LON-xxxxxAx	318-055-015	3.85 VDC, 15.5 watt-hour
CT40-xxx-xxxxxBx		
CT40P-xxx-xxxxxHx	TBD	3.85 VDC, 15.5 watt-hour
CT40P-LON-xxxxxAx	318-055-067	3.85 VDC, 15.5 watt-hour
CT40P-xxx-xxxxxBx		

Configuration number (CN) is located on the label in the battery well of the mobile computer.



We recommend use of Honeywell Li-ion battery packs. Use of any non-Honeywell battery may result in damage not covered by the warranty.

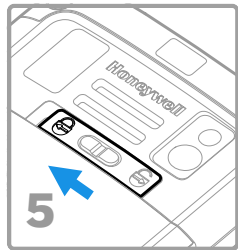
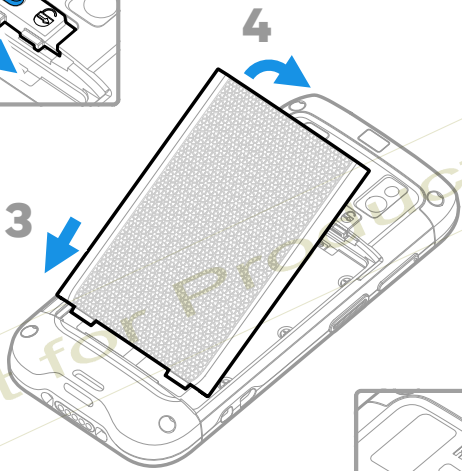
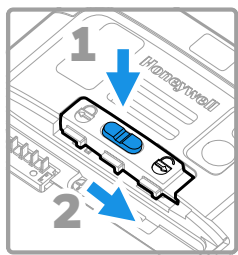
Nous recommandons l'utilisation de batteries Li-ion de la marque Honeywell. L'utilisation d'une batterie d'un autre fabricant est susceptible de provoquer des dommages non couverts par la garantie.



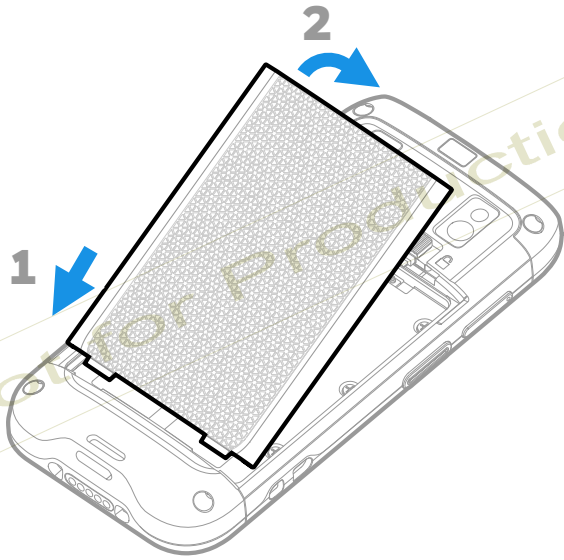
Ensure all components are dry prior to placing the battery in the computer. Mating wet components may cause damage not covered by the warranty.

Assurez-vous que tous les composants sont secs avant d'insérer la batterie dans l'ordinateur. L'insertion de composants humides risque de provoquer des dommages non couverts par la garantie.

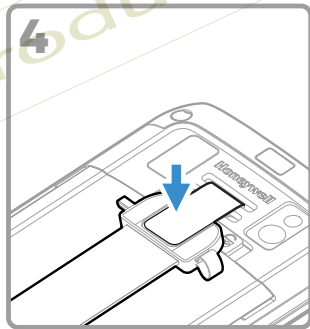
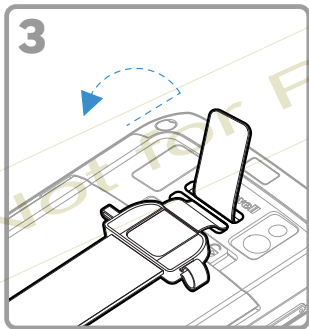
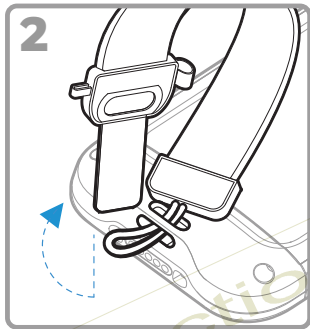
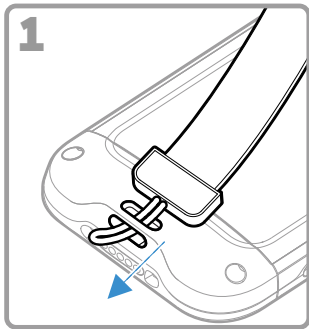
Install Battery (Model CT40-xxx-xxxxx0x)



Install Battery (Models CT40-LON-xxxxxAx,
CT40-xxx-xxxxxBx, CT40-xxx-xxxxxHx,
CT40P-LON-xxxxxAx, CT40P-xxx-xxxxxBx,
CT40P-xxx-xxxxxHx)



Install the Hand Strap



Charge the Mobile Computer

The mobile computer ships with a partially charged battery. Charge the battery with a CT40 series charging device for a minimum of **4 hours**. Using the computer while charging the battery increases the time required to reach a full charge.



We recommend the use of Honeywell accessories and power adapters. Use of any non-Honeywell accessories or power adapters may cause damage not covered by the warranty.

Nous recommandons d'utiliser des accessoires et des adaptateurs secteur de marque Honeywell. L'utilisation de tout accessoire ou adaptateur secteur d'une autre marque est susceptible de provoquer des dommages non couverts par la garantie.

CT40 series mobile computers are designed for use with the following CT40 charging accessories: HomeBase, Ethernet HomeBase, ChargeBase, NetBase, Quad Battery Charger, Vehicle Power Adapter, Vehicle Dock, and USB Adapter.



Ensure all components are dry prior to mating the computers and batteries with peripheral devices. Mating wet components may cause damage not covered by the warranty.

Assurez-vous que tous les composants sont secs avant de raccorder les ordinateurs et les batteries à des périphériques. L'insertion de composants humides risque de provoquer des dommages non couverts par la garantie.

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Turn Power On/Off

The first time you power on the computer, a Welcome screen appears. You can either scan a configuration barcode or use the Wizard to manually set up the computer. Once setup is complete, the Welcome screen no longer appears on startup and Provisioning mode is automatically turned off (disabled).

To turn the computer on:

- Press and hold the **Power** button for approximately 3 seconds, and then release.

To turn the computer off:

1. Press and hold the **Power** button until the options menu appears.
2. Touch **Power Off**.

Battery Replacement

Before removing the battery, always do one of the following:

- Power off the computer.
- Place the unit in Swap Battery mode (feature availability is model dependent).

Swap Battery Mode


Swap Battery mode places the computer in a low power state so that the battery can be removed for a short time. This feature is not available on all models.

To activate Swap Battery mode:

1. Press and hold the **Power** button until the options menu appears.
2. Touch **Swap Battery** and follow the on-screen instructions.
3. Once you replace the battery, press the **Power** button.

Sleep Mode

Sleep mode automatically turns the touch panel display off and locks the computer to save battery power when the computer is inactive for a programmed period of time.

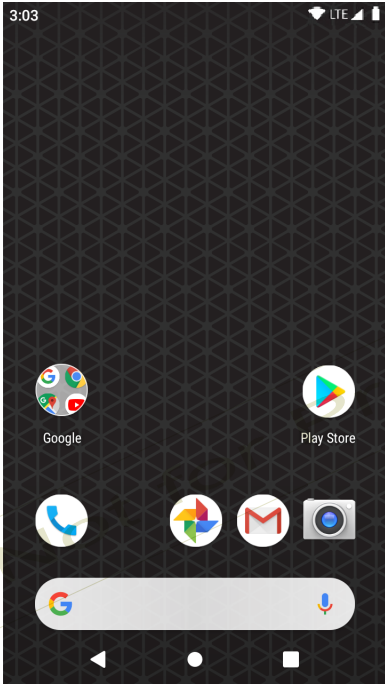
1. Press and release the **Power** button to wake the computer.
2. Drag the  toward the top of the display to unlock the computer.

Adjust the Display Sleep Time

To adjust the amount of time before the display sleeps after inactivity:

1. Swipe up on the touch screen.
2. Select **Settings** > **Display** > **Advanced** > **Sleep**.
3. Select the amount of time before the display goes to sleep.
4. Touch to return to the Home screen.

About the Home Screen



Notification / Status Bar

Home Screen Panel

Favorites Tray

Search Bar

Navigation Buttons

To learn how to customize the Home screen, see the user guide.

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




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Navigation and Function Buttons

Button	Description	
	Back	Return to the previous screen.
	Home	Return to the Home screen.
	Recent Apps	View and switch between recently used apps.
	Scan	Touch the front (on-screen) Scan button to trigger the scanner.
	Volume	Press the top of the button to raise the speaker volume. Press the bottom of button to lower the speaker volume.
	Scan	Press left or right Scan button to trigger the scanner.
	Power	See page 13.
	Push-to-Talk	Push-to-Talk button is model dependent.

For button locations, see [Mobile Computer Features](#) on page 2.
To learn more about how to re-map a button, see the user guide.

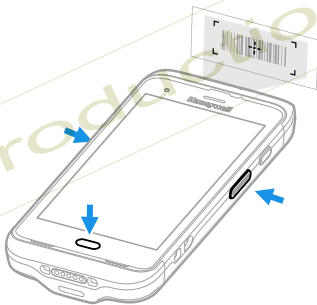
About Provisioning Mode

After completing the out-of-box set up process, Provisioning mode is automatically turned off. Scanning a barcode to install applications, certificates, configuration files, and licenses on the computer is restricted unless you enable Provisioning mode in the Settings app. To learn more, see the user guide.

Scan a Barcode with the Scan Demo

For optimum performance, avoid reflections by scanning the barcode at a slight angle.

1. Swipe up on the screen.
2. Select **Demos > Scan Demo**.
3. Point the computer at the barcode.
4. Touch **Scan** on the screen or press and hold any Scan button. Center the aiming beam over the barcode.



The decode results appear on the screen.

Note: *In the Scan Demo app, not all barcode symbologies are enabled by default. If a barcode does not scan, the correct symbology may not be enabled. To learn how to modify the default app settings, see the user guide.*

Sync Data

To move files between your CT40 and a computer:

1. Connect the CT40 to your computer using a USB charge/communication accessory.
2. On the CT40, swipe down from the top of the screen to see the notifications panel.
3. Touch the Android System notification twice, to open the options menu.
4. Select either **File Transfer** or **PTP**.
5. Open the file browser on your computer.
6. Browse to the CT40. You can now copy, delete, and move files or folders between your computer and CT40 as you would with any other storage drive (e.g., cut and paste or drag and drop).

Note: *When Provisioning mode is turned off, some folders are hidden from view in the file browser.*

Restart the Mobile Computer

You may need to restart the mobile computer to correct conditions where an application stops responding to the system or the computer seems to be locked up.

1. Press and hold the **Power** button until the options menu appears.
2. Select **Restart**.

To restart the computer if the touch panel display is unresponsive:

- Press and hold the **Power** button for approximately 8 seconds until the computer restarts.

Note: To learn about advanced reset options, see the user guide.

Support

To search our knowledge base for a solution or log into the Technical Support Portal and report a problem, go to www.hsmcontactsupport.com.

Documentation

Product documentation is available at www.honeywellaidc.com.

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Limited Warranty

For warranty information, go to www.honeywellaidc.com and click **Resources > Product Warranty**.

Patents

For patent information, see www.hsmpats.com.

Trademarks

Android is a trademark of Google LLC.

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Agency Models: CT40P-LON, CT40P-L1N

Table with 7 columns and 4 rows containing regulatory information in various languages (English, French, German, Italian, Spanish, Chinese, Japanese).

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: holster. Use of other accessories may not ensure compliance with the mentioned rules.

802.11 Caution: A Wireless Network Administrator should review the operating restrictions and use with a properly configured access point.

FCC Models: CT40P-LON, CT40P-L1N FCC Part 15 Subpart B Class B 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.

Table with 7 columns and 2 rows containing regulatory information in various languages (English, French, German, Italian, Spanish, Chinese, Japanese).

Models: CT40P-LON, CT40P-L1N Canadian Compliance This device complies with Industry Canada license-exempt RSS standard(s). 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.

Models: CT40P-LON, CT40P-L1N 802.11a 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.

Models: CT40P-LON, CT40P-L1N 802.11a Énoncé de mise en garde radio (Amérique du Nord) Mise en garde : 802.11a sans fil LAN 5150 à 5250 MHz (5,15 à 5,25 GHz) (fréquences radio 36 à 48 de 5 GHz) est limité aux opérations en intérieur pour réduire les interférences nuisibles aux opérations du système mobile par satellite (MSS) dans le même canal.

Models: CT40P-LON, CT40P-L1N Para su uso en México, la operación de este equipo está sujeta a las siguientes dos condiciones: 1. es posible que este equipo o dispositivo no cause interferencia perjudicial y 2. este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Table with 7 columns and 2 rows containing CE mark information and regulatory details in multiple languages (English, French, German, Italian, Spanish, Chinese, Japanese).

The equipment is intended for use throughout the European Community. Operating Frequency Ranges Model: CT40P-LON 13-14 MHz (NFC): -20.53 dB µA/m @10m EIRP 2400-2483.5 MHz (PAN Bluetooth): 6.85 dBm EIRP

Table with 2 columns and 2 rows containing regulatory information for 802.11a/b/g/n/ac, Bluetooth and NFC. Includes a table of country restrictions (AZ, BE, BG, HR, CY, CZ, DK, EE, FI, FR, DE, GR, HU, IS, IE, IT, LV, LI, LT, LU, MT, NL, NO, PL, PT, RO, SK, SI, ES, SE, CH, GB, RU, RS, TR).

Table with 2 columns and 2 rows containing regulatory information for 802.11a/b/g/n/ac, Bluetooth and NFC. Includes a table of country restrictions (AZ, BY, GE, RU, UA) and their respective regulatory details.

Table with 2 columns and 2 rows containing regulatory information for Restrictions (Revision ERC/REC 70-03 E 2017-02, Annex 3 Band A: 2400-2483.5 MHz). Includes a table of country restrictions (AZ, IT, RU, UA) and their respective regulatory details.

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L'équipement est prévu pour une utilisation dans les pays de la Communauté européenne.

Plages de fréquences de fonctionnement :

Modèle: CT40P-L0N

- 13-14 MHz (NFC): PIRE -5,57 dBµA/m @10 m
- 2 400 à 2 483,5 MHz (réseau personnel Bluetooth) : PIRE 9,69 dBm
- 2 400 à 2 483,5 MHz (Bluetooth à basse énergie) : PIRE 1,32 dBm
- 2 400 à 2 483,5 MHz (WLAN IEEE 802.11b/g/n) : PIRE 17,11 dBm
- 5 150 à 5 350 MHz, 5 470 à 5 725 MHz et 5725 à 5850 MHz (WLAN/RLAN IEEE 802.11a/n/ac) : PIRE 15,80 dBm et 13,96 dBm (5G B4)

Modèle: CT40P-L1N

- 13-14 MHz (NFC): PIRE -9,24 dBµA/m @10 m
- 2 400 à 2 483,5 MHz (réseau personnel Bluetooth) : PIRE 9,97 dBm
- 2 400 à 2 483,5 MHz (Bluetooth à basse énergie) : PIRE -0,59 dBm
- 2 400 à 2 483,5 MHz (WLAN IEEE 802.11b/g/n) : PIRE 15,57 dBm
- 5 150 à 5 350 MHz, 5 470 à 5 725 MHz et 5725 à 5850 MHz (WLAN/RLAN IEEE 802.11a/n/ac) : PIRE 15,54 dBm et 13,94 dBm (5G B4)
- 1 710 à 1 785 / 1 805 à 1 880 MHz (LTE Band 3, Tx/Rx) : 22 dBm
- 2 500 à 2 570 / 2 620 à 2 690 MHz (LTE Band 7, Tx/Rx) : 22,4 dBm
- 832 à 862 / 791 à 821 MHz (LTE Band 20, Tx/Rx) : 24,9 dBm
- 1 920 à 1 980 / 2 110 à 2 170 MHz (LTE Band 1, Tx/Rx) : 23,6 dBm
- 880 à 915 / 925 à 960 MHz (LTE Band 8, Tx/Rx) : 24,6 dBm
- 703 à 748 / 758 à 803 MHz (LTE Band 28, Tx/Rx) : 25 dBm
- 2 570 à 2 620 MHz (LTE Band 38) : 24 dBm
- 2 300 à 2 400 MHz (LTE Band 40) : 23 dBm
- 880 à 915/925 à 960 MHz (bande de 900 MHz pour UMTS, Tx/Rx) : 24,9
- 1 920 à 1 980/2 110 à 2 170 MHz (bande de 2 100 MHz pour UMTS, Tx/Rx) : 23,4 dBm
- 880 à 915/925 à 960 MHz (bande de 900 MHz pour GSM/EGPRS GSM, Tx/Rx) : 33,5 dBm
- 1 710 à 1 785/1 805 à 1 880 MHz (bande de 1 800 MHz pour GSM/EGPRS DCS, Tx/Rx) : 30,3 dBm

Restrictions (révision ERC/REC 70-03 E 2017-02, Annexe 3 bande A : 2 400 à 2 483,5 MHz)	
AZ	Aucune licence nécessaire pour une utilisation à l'intérieur et une puissance ne dépassant pas 30 mW.
IT	L'usage public est soumis à une autorisation générale du fournisseur de service respectif.
RU	<p>Appareil de faible portée (SRD) avec modulation FHSS</p> <ul style="list-style-type: none"> Puissance isotrope rayonnée équivalente (PIRE) maximale 2,5 mW. Puissance isotrope rayonnée équivalente (PIRE) maximale 100 mW. L'usage du SRD est autorisé pour les applications extérieures sans restriction de hauteur d'installation et uniquement à des fins de collecte de données de télémétrie pour la surveillance automatisée et les systèmes de comptabilité des ressources. L'usage du SRD est autorisé à d'autres fins pour les applications extérieures uniquement lorsque la hauteur d'installation ne dépasse pas les 10 m au-dessus de la surface du sol. <p>SRD avec DSSS et une technique autre que la modulation FHSS à large bande</p> <ul style="list-style-type: none"> La densité de PIRE moyenne maximale est de 2 mW/MHz. Puissance isotrope rayonnée équivalente (PIRE) maximale 100 mW. La densité de PIRE moyenne maximale est de 20 mW/MHz. Puissance isotrope rayonnée équivalente (PIRE) maximale 100 mW. Il est permis d'utiliser le SRD pour les applications extérieures uniquement aux fins de la collecte de données de télémétrie pour la surveillance automatisée et les systèmes de comptabilité des ressources ou les systèmes de sécurité. La densité de PIRE moyenne maximale est de 10 mW/MHz. Puissance isotrope rayonnée équivalente (PIRE) maximale 100 mW. Applications à l'intérieur
UA	PIRE = 100 mW avec une antenne intégrée dotée d'un facteur d'amplification jusqu'à 6 dBi

Das Gerät kann innerhalb der gesamten Europäischen Gemeinschaft verwendet werden.

Betriebsfrequenzbereiche:

Modelle: CT40P-L0N

- 13-14 MHz (NFC): -5,57 dBµA/m @10 m EIRP
- 2400-2483,5 MHz (PAN Bluetooth): 9,69 dBm EIRP
- 2400-2483,5 MHz (Bluetooth Low Energy): 1,32 dBm EIRP
- 2400-2483,5 MHz (WLAN IEEE 802.11b/g/n): 17,11 dBm EIRP
- 5150-5350 MHz, 5470-5725 MHz und 5725-5850MHz (WLAN/RLAN IEEE 802.11a/n/ac): 15,80 dBm und 13,96 dBm (5G B4) EIRP

Modelle: CT40P-L1N

- 13-14 MHz (NFC): -9,24 dBµA/m @10 m EIRP
- 2400-2483,5 MHz (PAN Bluetooth): 9,97 dBm EIRP
- 2400-2483,5 MHz (Bluetooth Low Energy): -0,59 dBm EIRP
- 2400-2483,5 MHz (WLAN IEEE 802.11b/g/n): 15,57 dBm EIRP
- 5150-5350 MHz, 5470-5725 MHz und 5725-5850MHz (WLAN/RLAN IEEE 802.11a/n/ac): 15,54 dBm und 13,94 dBm (5G B4) EIRP
- 1710-1785/1805-1880 MHz (LTE Band 3, Tx/Rx) : 22 dBm
- 2500-2570 / 2620-2690 MHz (LTE Band 7, Tx/Rx) : 22,4 dBm
- 832-862 / 791-821 MHz (LTE Band 20, Tx/Rx) : 24,9 dBm
- 1920-1980/2110-2170 MHz (LTE Band 1, Tx/Rx) : 23,6 dBm
- 880-915 / 925-960 MHz (LTE Band 8, Tx/Rx) : 24,6 dBm
- 703-748 / 758-803 MHz (LTE Band 28, Tx/Rx) : 25 dBm
- 2570-2620 MHz (LTE Band 38) : 24 dBm
- 2300-2400 MHz (LTE Band 40) : 23 dBm
- 880-915/925-960 MHz (UMTS 900-Band, Tx/Rx) : 24,9 dBm
- 1920-1980/2110-2170 MHz (UMTS 2100-Band, Tx/Rx) : 23,4 dBm
- 880-915/925-960 MHz (GSM/EGPRS GSM 900-Band, Tx/Rx) : 33,5 dBm
- 1710-1785/1805-1880 MHz (GSM/EGPRS DCS 1800-Band, Tx/Rx) : 30,3 dBm

Einschränkungen (Revision ERC/REC 70-03 E 2017-02, Anhang 3 Band A: 2400-2483,5 MHz)	
AZ	Bei einer Verwendung in Innenräumen und einer Leistung unter 30 mW ist keine Lizenz erforderlich.
IT	Die öffentliche Verwendung muss vom jeweiligen Dienstanbieter genehmigt werden.
RU	<p>SRD mit FHSS-Modulation</p> <ul style="list-style-type: none"> Max. 2,5 mW EIRP. Max. 100 mW EIRP. SRD im Außenbereich ohne Einschränkungen der Montagehöhe ausschließlich zur Erfassung von Telemetriedaten zur automatischen Überwachung und Bestandsverfolgung zulässig. SRD im Außenbereich zu anderen Zwecken nur bei einer Montagehöhe bis zu 10 m über dem Boden zulässig. Max. 100 mW EIRP. Anwendungen im Innenbereich. <p>SRD mit DSSS usw. (ausgenommen FHSS-Breitbandmodulation)</p> <ul style="list-style-type: none"> Die max. durchschnittliche EIRP-Dichte beträgt 2 mW/MHz. Max. 100 mW EIRP. Die max. durchschnittliche EIRP-Dichte beträgt 20 mW/MHz. Max. 100 mW EIRP. SRD im Außenbereich ausschließlich zur Erfassung von Telemetriedaten zur automatischen Überwachung und Bestandsverfolgung oder für Sicherheitssysteme zulässig. Die max. durchschnittliche EIRP-Dichte beträgt 10 mW/MHz. Max. 100 mW EIRP. Anwendungen im Innenbereich.
UA	EIRP =100 mW mit integrierter Antenne mit Verstärkungsfaktor von bis zu 6 dBi.

Оборудование предназначено для эксплуатации на всей территории Европейского сообщества.

Рабочий диапазон частот:

Модели: СТ40P-L0N

- 13-14 МГц (NFC): EIRP -5,57 дБмкА/м @10 м
- 2400-2483,5 МГц (Bluetooth-PAN): EIRP 9,69 дБм
- 2400-2483,5 МГц (технология Bluetooth с низким энергопотреблением): EIRP 1,32 дБм
- 2400-2483,5 МГц (WLAN IEEE 802.11b/g/n): EIRP 17,11 дБм
- 5150-5350 МГц, 5470-5725 МГц и 5725-5850 МГц (WLAN/RLAN IEEE 802.11a/n/ac): EIRP 15,80 дБм и 13,96 дБм (5G B4)


Модели: СТ40P-L1N

- 13-14 МГц (NFC): EIRP -9,54 дБмкА/м @10 м
- 2400-2483,5 МГц (Bluetooth-PAN): EIRP 9,97 дБм
- 2400-2483,5 МГц (технология Bluetooth с низким энергопотреблением): EIRP -0,59 дБм
- 2400-2483,5 МГц (WLAN IEEE 802.11b/g/n): EIRP 15,57 дБм
- 5150-5350 МГц, 5470-5725 МГц и 5725-5850 МГц (WLAN/RLAN IEEE 802.11a/n/ac): EIRP 15,54 дБм и 13,94 дБм (5G B4)
- 1710-1785 / 1805-1880 МГц (LTE Band 3, Tx/Rx): 22 дБм
- 2500-2570 / 2620-2690 МГц (LTE Band 7, Tx/Rx): 22,4 дБм
- 832-862 / 791-821 дБм (LTE Band 20, Tx/Rx): 24,9 дБм
- 1920-1980/2110-2170 МГц (LTE Band 1, Tx/Rx): 23,6 дБм
- 880-915 / 925-960 МГц (LTE Band 8, Tx/Rx): 24,6 дБм
- 703-748 / 758-803 МГц (LTE Band 28, Tx/Rx): 25 дБм
- 2570-2620 МГц (LTE Band 38): 24 дБм
- 2300-2400 МГц (LTE Band 40): 23 дБм
- 880-915 / 925-960 МГц (диапазон UMTS 900, Tx/Rx): 24,9 дБм
- 1920-1980 / 2110-2170 МГц (диапазон UMTS 2100, Tx/Rx): 23,4 дБм
- 880-915 / 925-960 МГц (диапазон GSM/EGPRS GSM 900, Tx/Rx): 33,5 дБм
- 1710-1785 / 1805-1880 МГц (диапазон GSM/EGPRS DCS 1800, Tx/Rx): 30,3 дБм

Ограничения (проверка ERC/REC 70-03 E 2017-02, приложение 3, диапазон A: 2400-2483,5 МГц)	
AZ	При эксплуатации в помещении с мощностью не более 30 мВт разрешение не требуется.
IT	Общественное использование оборудования возможно с разрешения соответствующего поставщика услуг.
RU	<p>Устройство малого радиуса действия (SRD) с модуляцией FHSSMaximum 2,5 mW EIRP.</p> <ul style="list-style-type: none"> Максимальная эффективная изотропно излучаемая мощность (EIRP) 2,5 мВт. Максимальная эффективная изотропно излучаемая мощность (EIRP) 100 мВт. Эксплуатация SRD разрешена только вне помещений без ограничений по высоте установки и для сбора данных телеметрии для систем автоматического управления и учета ресурсов. Разрешается эксплуатировать SRD в других целях только вне помещений, если высота установки не превышает 10 м над уровнем земли. Максимальная эффективная изотропно излучаемая мощность (EIRP) 100 мВт. Эксплуатация внутри помещений.SRD with DSSS and other than FHSS wideband modulation Максимальная средняя плотность EIRP 2 мВт/МГц. Максимальная эффективная изотропно излучаемая мощность (EIRP) 100 мВт Максимальная средняя плотность EIRP 20 мВт/МГц. Максимальная эффективная изотропно излучаемая мощность (EIRP) 100 мВт. Эксплуатация SRD разрешена только вне помещений для сбора данных телеметрии для систем автоматического управления, учета ресурсов или безопасности. Максимальная средняя плотность EIRP 10 мВт/МГц. Максимальная эффективная изотропно излучаемая мощность (EIRP) 100 мВт. Эксплуатация внутри помещений.
UA	EIRP = 100 мВт со встроенной антенной с коэффициентом усиления до 6 дБи.

802.11a/b/g/n/ac, Bluetooth et NFC

Restrictions de la Communauté européenne : la bande de fréquences 5 150-5 350 MHz est limitée à une utilisation à l'intérieur uniquement.


	AT	BE	BG	HR	CY	CZ	DK	EE	FI	FR	DE	GR	HU	IS	IE	IT
	LV	LI	LT	LU	MT	NL	NO	PL	PT	RO	SK	SI	ES	SE	CH	GB
											RU		RS	TR		

Restrictions (révision ERC/REC 70-03 E 2017-02, Annexe 13 bande E1 : 5 150 à 5 350 MHz, bande E2 : 5 470 à 5 725 MHz)	
AZ	Aucune licence nécessaire pour une utilisation à l'intérieur et une puissance ne dépassant pas 30 mW.

Restrictions (révision ERC/REC 70-03 E 2017-02, Annexe 9 bande J2 : 13 553 à 13 567 KHz) :	
AZ	Non applicable ou aucune information.
BY	Non applicable.
GE	Non applicable.
RU	L'intensité maximale du champ magnétique est +42 dBµA/m à 10 m.
UA	L'intensité maximale du champ magnétique à une distance de 10 m d'une construction dans laquelle le radiateur est placé est de 42 dBµA/m.

802.11a/b/g/n/ac, Bluetooth und NFC

Einschränkungen für die EU: 5150-5350 MHz ist nur für den Einsatz im Innenbereich vorgesehen.


	AT	BE	BG	HR	CY	CZ	DK	EE	FI	FR	DE	GR	HU	IS	IE	IT
	LV	LI	LT	LU	MT	NL	NO	PL	PT	RO	SK	SI	ES	SE	CH	GB
											RU		RS	TR		

Einschränkungen (Revision ERC/REC 70-03 E 2017-02, Anhang 13 Band E1: 5150-5350 MHz, Band E2: 5470-5725 MHz)	
AZ	Bei einer Verwendung in Innenräumen und einer Leistung unter 30 mW ist keine Lizenz erforderlich.

Einschränkungen (Revision ERC/REC 70-03 E 2017-02, Anhang 9 Band J2: 13553-13567 kHz): Hinweis: Diese Einschränkung gilt nur für NFC-Modelle.	
AZ	Nicht implementiert oder keine Informationen.
BY	Nicht implementiert.
GE	Nicht implementiert.
RU	Die max. magnetische Feldstärke beträgt +42 dBµA/m bei 10 m.
UA	Die max. magnetische Feldstärke bei einem Abstand von 10 m von einer Konstruktion mit Radiator beträgt 42 dBµA/m.

802.11a/b/g/n/ac, Bluetooth и NFC

Ограничения Европейского сообщества: полосы радиочастот 5150-5350 МГц предназначены для использования только в помещениях.

	AT	BE	BG	HR	CY	CZ	DK	EE	FI	FR	DE	GR	HU	IS	IE	IT
	LV	LI	LT	LU	MT	NL	NO	PL	PT	RO	SK	SI	ES	SE	CH	GB
											RU		RS	TR		

Ограничения (проверка ERC/REC 70-03 E 2017-02, приложение 13, диапазон E1: 5150-5350 МГц, диапазон E2: 5470-5725 МГц)	
AZ	При эксплуатации в помещении с мощностью не более 30 мВт разрешение не требуется.

Ограничения (проверка ERC/REC 70-03 E 2017-02, приложение 9 диапазон J2: 13553-13567 кГц): Примечание. Это ограничение распространяется только на модели NFC.	
AZ	Не используется или нет данных.
BY	Не используется .
GE	Не используется .
RU	Максимальная сила магнитного поля составляет +42 дБмкА/м на расстоянии 10 м.
UA	Максимальная сила магнитного поля на расстоянии 10 м от места установки радиатора составляет 42 дБмкА/м.

**Model CT40P-L1N
Hearing Aid Compatibility (HAC)**

The standard for compatibility of digital wireless devices with hearing aids is set forth in American National Standards Institute (ANSI) standard C63.19. ANSI C63.19 contains these two sets of standards:

- An "M" rating from M1 to M4 for reduced radio frequency (RF) interference to enable acoustic coupling with hearing aids that do not operate in t-coil mode.
- A "T" rating from T1 to T4 to enable inductive coupling with hearing aids operating in t-coil mode.

A digital wireless handset is considered hearing aid compatible for acoustic coupling if it meets at least an "M3" rating under the ANSI standard. A digital wireless handset is considered hearing aid compatible for inductive coupling if it meets at least a "T3" rating under the ANSI standard.

M-Ratings: Devices rated M3 or M4 meet FCC requirements and are likely to generate less interference with hearing devices than devices that are not labeled. M4 is the superior/higher of the two ratings.

T-Ratings: Devices rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's t-coil than unrated devices. T4 is the superior/higher of the two ratings.

These ratings are not guaranteed. Results will vary depending on the level of immunity of your hearing device and the degree of your hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated device successfully. Trying out the device with your hearing device is the best way to evaluate it for your personal needs.

When some wireless devices are used near some hearing devices such as hearing aids and implants, users may detect a buzzing or humming noise. Some hearing devices are more immune than others to this interference noise. Wireless devices may also vary in the amount of interference they generate.

The more immune the hearing aid device is, the less likely one is to experience interference noise from the wireless device. Hearing aid devices may also be rated. Adding the ratings of the hearing aid and the device can predict the usability of the two devices together:

- Any combined rating equal to or greater than six offers the best use.
- Any combined rating equal to five is considered normal use.

These models have been tested and rated for use with hearing aids for some of the wireless technologies that they use. However, there may be some newer wireless technologies used in these devices that have not been tested yet for use with hearing aids. It is important to try the different features of these devices thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of the device for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or device retailer.

The following devices are currently offered:

Model	HAC Rating	Air-Interface	C63.19 Version
CT40P-L1N	M4/T4	GSM/WCDMA/CDMA/LTE	2011

**Model CT40P-L0N
Hearing Aid Compatibility (HAC) Consumer Information**

- This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. In the battery well of this equipment is a label that contains, among other information, a product identifier in the format US: HD5IPNANCT40P-L0N. If requested, this number must be provided to the telephone company.
- The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.
- Should you experience trouble with this equipment, please contact Honeywell International Inc, 13509 South Point Blvd, Ste.100, Charlotte, NC 28273, Tel: 800-782-4263 for repair or warranty information. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.
- Please follow instructions for repairing if any (e.g. battery replacement section); otherwise do not alternate or repair any parts of device except specified.
- This equipment is hearing aid compatible.

Patents	Brevets	Brevets	Brevetti	Patente	Patentes	Patentes
For patent information, refer to www.hsmpats.com .	Veillez consulter le site www.hsmpats.com pour obtenir des renseignements au sujet du brevet.	Pour plus d'informations sur les brevets, visitez la page www.hsmpats.com .	Per i dettagli sui brevetti, fare riferimento al sito Web www.hsmpats.com .	Patentinformationen sind unter www.hsmpats.com erhältlich.	Para obtener información sobre las patentes, visite www.hsmpats.com .	Para obtener información sobre patentes, consulte www.hsmpats.com .
Para obter informações sobre patente, consulte www.hsmpats.com .	專利 有关专利信息, 请参阅 www.hsmpats.com .	專利 相關專利資訊請參閱 www.hsmpats.com 中的說明。	特許 特許情報については、 www.hsmpats.com を参照してください。	특허 특허 정보는 www.hsmpats.com 를 참조하십시오 .	Патенты Информация о патентах приведена на веб-странице www.hsmpats.com .	براءات الاختراع للحصول على معلومات براءة الاختراع, قم بزيارة الموقع التالي: www.hsmpats.com .
For warranty information, go to www.honeywellaid.com and click Get Resources > Product Warranty.	Pour obtenir des renseignements sur la garantie, rendez-vous sur www.honeywellaid.com et cliquez sur Ressources > Garantie du produit.	Pour obtenir des informations sur la garantie, rendez-vous sur www.honeywellaid.com et cliquez sur Get Resources (Obtenir des ressources) > Product Warranty(Garantie du produit).	Per informazioni sulla garanzia, visitare www.honeywellaid.com e fare clic su Ottieni risorse > Garanzia prodotto.	Informationen zur Garantie finden Sie auf unserer Website www.honeywellaid.com unter Get Resources > Product Warranty.	Obtenga información sobre la garantía en www.honeywellaid.com y selección Get Resources (Obtener recursos) > Product Warranty (Garantía del producto).	Para obtener información sobre la garantía, visite el sitio www.honeywellaid.com y haga clic en Obtener Recursos > Garantía del producto.
Para ver informações sobre a garantia, acesse www.honeywellaid.com e clique em Recursos > Informações de garantia.	有关保修信息, 请访问 www.honeywellaid.com , 然后单击 Get Resources (获取资源) > Product Warranty (产品保修)。	請前往 www.honeywellaid.com , 然後按一下 Get Resources (取得資源) > Product Warranty (產品保證) 以瞭解保證資訊。	保証情報については、 www.honeywellaid.com に移動し、Get Resources (リソース) > Product Warranty (製品保証) をクリックしてください。	보증 정보는 www.honeywellaid.com 을 방문해서 Get Resources(자료 가져오기) > Product Warranty(제품 보증) 을 선택하십시오 .	Чтобы ознакомиться с информацией о гарантии, перейдите на веб-сайт www.honeywellaid.com и выберите пункт Get Resources > Product Warranty (Получить ресурсы > Гарантия на устройство).	للإطلاع على معلومات الضمان, اذهب إلى www.honeywellaid.com وانقر على Resources > ضمان المنتج.
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H138994 19:36:09