URBANEARS MULTIROOM SPEAKERS

Lotsen User Manual

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Features

Spotify & Internet Radio Presets

Your speaker lets you save your favorite music from Spotify[1] and internet radio as seven different presets. Keep a range of moods on standby, ready for instant play at the push of a knob.

Spotify Connect, Chromecast built-in, AirPlay & Internet Radio Support

Your speaker supports access to Spotify Connect[2], Chromecast built-in, AirPlay, and thousands of internet radio stations.

Multiroom Play

Two or more Urbanears Multiroom Speakers can be grouped together as a multiroom system. Play something different in each space, or synchronize your speakers in Multi Mode to play the same music in every room of your home.

1 Saving Spotify presets requires a Spotify Premium account.
2 Spotify Connect requires a Spotify Premium account.

Technical Specification

SPL frequency range
60 Hz–20 kHz (±3 dB)

Amplifiers
Two Class-D

Drivers
One 1″ neodymium, dome tweeter, one 4″ woofer

Audio power output
20 W

Input voltage
100–240 V, 50–60 Hz

Max peak power consumption
36 W

Network standby power consumption
1.6 W

Weight
2.2 kg (including adapter

Size

Width	172 mm
Height	193 mm
Length	115 mm

Audio interfaces

Wi-Fi®
WPA2, 802.11b/g/n/ac
2.4 GHz/5 GHz with diversity

Bluetooth®
Classic + Low Energy 4.2
AVRCP + A2DP

AUX
3.5 mm stereo jack

Included in the box

- 1 x Lotsen, Urbanears Multiroom Speaker
- 1 x Power adapter
- 1 x Quick Start Guide, Legal and Safety

> Interfaces
> First time setup
> The Urbanears Connected app
> Working the Knobs
> Adjusting equalizer settings

Interfaces

Knobs

01. VOLUME knob
02. SOURCE knob

Grouping indicators

03. SOLO
04. MULTI

Source indicators

05. Wi-Fi® streaming
06. Presets 1-7 - Wi-Fi® streaming
07. Bluetooth® wireless connection
08. AUX - physical input

Inputs and output

09. AC mains input
10. AUX 3.5 mm audio input

First time setup

To get the most out of your speaker and to enable cloud streaming, it needs to be configured first. This will also ensure that it stays current with the latest software updates and features.

What you need to get started

- Lotsen, Urbanears Multiroom Speaker
- Power outlet
- Working Wi-Fi® connection with access to fast internet for streaming services
- Smartphone with at least Android 4.03 or iOS 9.0
- The Urbanears Connected app (available on App Store and Google Play)

Steps for initial setup

01. Plug one end of the power adapter into the power jack located on the bottom of your speaker, and the other end into a power outlet.

Note: In some regions, several plugs for the power adapter are included. Use the plug applicable to your region and only connect it to the correct mains voltage, as shown, on the power adapter.

02. While your speaker is booting up, the SOLO and MULTI indicators will light up continuously. Once it is ready for setup the ring of lights around the SOURCE knob will blink continuously.

03. Use your smartphone to search for the Urbanears Connected app on Google Play or in the App Store and download it. Start up the app and follow in-app instructions to complete speaker setup.

Note: To set up additional speakers on the same Wi-Fi® network, repeat the steps above for each speaker added. In the Urbanears Connected app, tap the menu button, then tap "Setup" and follow instructions.

If your speaker is not fresh out of the box, follow the instructions found in Enter setup mode manually.

The Urbanears Connected app

The Urbanears Connected app helps you get set up for the first time, and gives you access to your speaker's fullest capabilities. The app is compatible with iOS and Android smartphones, and can be downloaded for free on Google Play or in the App Store.

With the Urbanears Connected app you can:

- Set up, modify, and play your presets
- Select a sound source
- Manage Multi Mode groups
- Browse and connect to thousands of internet radio stations
- Check what song or other media is currently playing
- Adjust equalizer settings
- Adjust individual and multiroom volume settings
- Rename your speaker
- Adjust streaming quality

Working the Knobs

After initial setup, you can operate your speaker by simply pushing and turning the two knobs located on its top panel. It can also be operated using the Urbanears Connected app, Spotify, and other music apps.

Select a sound source

Turn the SOURCE knob to a selection, then push once to activate. The indicator light next to your selection will become fully lit.

Play/Pause

Push the SOURCE knob once to play or pause your music.[1]

Next song

Double-click the SOURCE knob to skip to the next song.[2]

Previous song

Triple-click the SOURCE knob to skip back to the previous song.[3]

Save a preset

While playing music via Spotify Connect or internet radio, turn the SOURCE knob to a number selection. Push and hold for 3 seconds.
See Managing your presets.

Increase volume

Turn the VOLUME knob clockwise (+) to increase volume.

Decrease volume

Turn the VOLUME knob anti-clockwise (–) to decrease volume.

Switch between Solo Mode and Multi Mode

Push the VOLUME knob once to switch between Solo Mode and Multi Mode. The indicator light shows which mode your speaker is currently in.
See Solo Mode and Multi Mode.

1 Not supported for AUX sources.
2 Not supported for AUX sources.
3 Not supported for AUX sources.

Adjusting equalizer settings

The equalizer can be adjusted from inside the Urbanears Connected app. Fine-tune your speaker's treble/bass balance to complement different types of music and find your listening sweet spot.

> Playing via Spotify Connect
> Playing via Chromecast built-in
> Playing via AirPlay
> Playing internet radio

There are several ways to play via Wi-Fi®. When any of the following Wi-Fi® sources are active, the source indicator next to ☁ will be lit, except for when a preset is playing.

Playing via Spotify Connect

Spotify Connect lets you control your speaker from inside the Spotify app.

01. Start playing some music.
02. Select your speaker from the "Devices Available" menu.

Note: Spotify Connect requires a Spotify Premium account.

Playing via Chromecast built-in

The Urbanears Connected app comes with Chromecast built-in, which allows you to stream music/tunes/podcasts/playlists to your speaker from your favorite apps.

01. Tap the Cast button inside the music app, then select your speaker from the menu.

Note: The Google Terms of Service and Privacy Policy must be accepted in the Urbanears Connected app before first time use.

Playing via AirPlay

AirPlay lets you stream any sound source to your speaker from your iOS device orApple computer.

01. If the app has the AirPlay button embedded, tap the button and select your speaker from the menu.
02. To stream any sound to your speaker from an iOS device, select your speaker in the "Control Center" of your device.

Playing internet radio

Your speaker has an embedded internet radio service that gives you access to thousands of radio stations around the world.

01. Open the Urbanears Connected app and tap on the speaker you want to stream to.
02. Swipe to "Cloud" in the source menu.
03. Tap on "Internet Radio" and select a station to play.

PLAYING VIA BLUETOOTH®

> Bluetooth® pairing

> Playing via Bluetooth®

To play music from a Bluetooth® compatible device, start by pairing the device with your speaker.

Bluetooth® pairing

01. Turn the SOURCE knob to ᛒ, then push and hold for 3 seconds.
    The indicator next to ᛒ blinks slowly when your speaker becomes discoverable.
02. Enable Bluetooth® on your device (smartphone, tablet, or computer).
03. Select your speaker from the list of available Bluetooth® devices and accept pairing.
    The devices are successfully paired and connected when the ᛒ indicator on your speaker lights up continuously and you hear a confirmation sound.

Note: Bluetooth® pairing can also be initiated via the Urbanears Connected app.

Playing via Bluetooth®

Once your speaker has been paired with a Bluetooth® device, the pairing is saved and you can reconnect at any time. Your speaker can save up to 8 device pairings.

01. Turn the SOURCE knob to ᛒ and push once.
02. Your speaker connects to the last paired Bluetooth® device. If it is not available, it will try to connect to the second last.

PLAYING VIA AUX INPUT

Use the AUX input to connect audio devices directly to your speaker. Audio devices with a compatible 3.5 mm AUX output plug can be connected, like MP3 players, smartphones, and tablets.

01. Insert one end of the AUX cable into the AUX input on the bottom of your speaker.
02. Insert the other end of the AUX cable into the AUX output port on your audio device.
03. Turn the SOURCE knob to AUX, then push once to activate.

Note: When playing music via AUX, skipping to the next or previous song can only be done using the controls on your connected device.

> Adding Spotify presets
> Adding internet radio presets

Your speaker can save up to seven of your favorite Spotify playlists and internet radio stations as presets for instant streaming. Select individual presets by turning the SOURCE knob to a number and pushing it to play.

Presets can be added and managed using the SOURCE knob on your speaker, or from inside the Urbanears Connected app.

To modify individual presets, simply save a new preset over a current one.

Adding Spotify presets

Saving a Spotify preset requires a Spotify Premium account.

01. Open the Spotify app.
02. Select your speaker from the "Devices Available" menu in the Spotify player.
03. Select and play your chosen playlist.
04. While your music is playing, turn the SOURCE knob to a preset position (1-7).
05. Push and hold the SOURCE knob for 3 seconds until the preset position indicator blinks and you hear a confirmation sound.

Adding internet radio presets

01. Open the Urbanears Connected app.
02. Select your speaker on the home screen.
03. Swipe to "Cloud" in the source menu, then tap on "Internet Radio".
04. Select a station and tap it to start playing.
05. While the radio station is playing, turn the SOURCE knob to a preset position (1-7).
06. Push and hold the SOURCE knob for 3 seconds until the preset position indicator blinks and you hear a confirmation sound.

> Setting your speaker to Multi Mode or Solo Mode
> Playing in Multi Mode via Spotify Connect
> Playing in Multi Mode via Chromecast built-in
> Playing in Multi Mode via AirPlay
> Playing in Multi Mode via Bluetooth®
> Playing in Multi Mode via AUX

Multiple Urbanears Multiroom Speakers can be added to the same Wi-Fi® network to form a multiroom system. Play each speaker individually in Solo Mode, or group up to five speakers together in Multi Mode for synchronized play. Multi Mode can be managed on your speaker's top panel, or inside the Urbanears Connected app

Setting your speaker to Multi Mode or Solo Mode

01. To switch from Solo Mode to Multi Mode on your speaker, push the VOLUME knob.
02. The indicator under MULTI will light up when selected.
03. Repeat for each additional speaker that you want to add to the Multi Mode group.
04. To remove a speaker from the group, push the VOLUME knob again.
05. Your speaker will switch to Solo Mode and will leave the Multi Mode group.

Note: In Solo Mode, your speaker is listed as a single speaker with its given name in the "Devices Available" menu on AirPlay and Spotify. In Multi Mode, your speakers are listed as "Multi" in the "Devices Available" menu. Even if only one speaker is set to Multi Mode, it will still be listed with the name "Multi" on AirPlay and Spotify.

Playing in Multi Mode via Spotify Connect

Spotify Connect lets you play music in Multi Mode from inside the Spotify app.

01. Set all the speakers that you want to play as a group to Multi Mode.
02. Play music and select the group called "Multi" from the "Devices Available" menu.

Note: Spotify Connect requires a Spotify Premium account.

Playing in Multi Mode via Chromecast built-in

Setting up your speaker for multiroom playback using Chromecast built-in is done inside the Google Home app.

With this app you can group your Urbanears Multiroom Speakers together, and with other Chromecast built-in devices.

Note: When your speaker is playing via Chromecast built-in its SOLO indicator is lit.

Playing in Multi Mode via AirPlay

AirPlay can be used when playing from an iOS device via Wi-Fi®.

01. Set all the speakers that you want to play as a group to Multi Mode.
02. Tap the AirPlay symbol in the "Control Center" menu, then select the group called "Multi".

Playing internet radio in

Multi Mode

Choose an internet radio station to play on all the speakers in your Multi Mode group.

01. Set all the speakers that you want to play as a group to Multi Mode.
02. Inside the Urbanears Connected app, select one of the speakers in your Multi Mode group and then select an internet radio station to play.

Playing in Multi Mode via Bluetooth®

Connect a Bluetooth® source to one speaker and play it on all the speakers in your Multi Mode group.

01. Set all the speakers that you want to play as a group to Multi Mode.
02. Turn the SOURCE knob on one of the speakers in your Multi Mode group to ᛒ, then push to activate.
03. Connect your phone or other compatible device to this speaker via Bluetooth® and play. See Playing via Bluetooth®.

Playing in Multi Mode via AUX

Connect an AUX source, such as a CD-player, phone, or vinyl player to one speaker to play it on all the speakers in your Multi Mode group.

01. Set all the speakers that you want to play as a group to Multi Mode.
02. Connect an AUX source to one of the speakers in your Multi Mode group.

03. Turn its SOURCE knob to AUX, then push to activate. See Playing via AUX input.

> Maintenance
> Cleaning your speaker
> About your Wi-Fi® connection
> Enter setup mode manually
> Factory reset your speaker

Maintenance

Refer all servicing of your speaker to qualified service personnel. Servicing is required when your speaker has been damaged in any way or ceases to operate normally. Seek qualified service in instances of damage to your speaker's power supply cord or plug, damage caused by liquid or exposure to rain or moisture, damage from foreign objects, or if your speaker has been dropped.

Cleaning your speaker

Before cleaning your speaker, always unplug it from the wall socket. Use a dry, lint-free cloth to gently wipe the surface.

Never use soap, detergents, or aerosol cleaners!

About your Wi-Fi® connection

By its nature, wireless LAN may experience radio interference depending on environmental conditions (such as wireless router performance, distance, obstruction, interference with other wireless devices, etc.)

Depending on the wireless router used, some network operations may perform differently.

For detailed information on networking with a wireless router or modem, refer to its documentation.

Enter setup mode manually

When your speaker is new out of the box it will enter setup mode automatically when connected to power. If you move or change the Wi-Fi® network settings set your speaker in setup mode manually.

01. Turn the SOURCE knob to ☁.
02. Push and hold until the ring of lights around it blink continuously to clear all previous Wi-Fi® network connections.
03. Continue with the setup. See First time setup.

Factory reset your speaker

Factory reset clears all custom settings, presets, Wi-Fi® settings, and Bluetooth® pairings from your speaker.

01. Press and hold the VOLUME and SOURCE knobs at the same time for 7 seconds until both the SOLO and MULTI indicators are lit.
02. Your speaker will reset to its factory state after about 1 minute. It is then restored to setup mode and is ready to be configured. See First time setup.

> Your speaker does not turn on
> Your speaker cannot be discovered in the Urbanears Connected app
> There is no sound
> Your speaker cannot connect to a new Wi-Fi® network
> Your speaker cannot connect or pair with a Bluetooth® device
> You are prompted for a pin code when pairing Bluetooth® devices
> The audio is cutting out when playing in Multi Mode
> Your speaker is not responding
> You don't have access to a Wi-Fi® network
> You don't have a smartphone or tablet

Your speaker does not turn on

Make sure that your speaker is plugged into a working AC power outlet using its power cord. See First time setup.

Your speaker cannot be discovered in the Urbanears Connected app

If your speaker is not visible in the Urbanears Connected app, make sure that:

- Your speaker has finished starting up. During start-up, both SOLO and MULTI indicators are lit.
- The mobile device is connected to the same Wi-Fi® network as your speaker.

If your speaker is still not showing up in the Urbanears Connected app:

01. Put your speaker in setup mode manually. See Enter setup mode manually.

There is no sound

If your speaker is on but you can't hear any sound, make sure that:

- The volume is not too low or muted on your sound source and speaker. See Working the Knobs.
- The correct audio source is selected. See Working the Knobs.
- The intended sound source is connected. See Playing via Bluetooth® or Playing via AUX input.
- Your speaker is connected to a Wi-Fi® network when playing via Spotify, AirPlay or Chromecast built-in. See First time setup.

Your speaker cannot connect to a new Wi-Fi® network

If you move or change your Wi-Fi® network, reconfigure the speaker to use the new Wi-Fi® network.

01. Turn the SOURCE knob to ⌂.
02. Push and hold until the ring of lights around it blink continuously to clear all previous Wi-Fi® network connections.
03. Reselect a Wi-Fi® network from inside the Urbanears Connected app.

Your speaker cannot connect or pair with a Bluetooth® device

When pairing your speaker with a Bluetooth® device, make sure that:

- Bluetooth® is enabled on your device (smartphone, tablet, computer).
- The device and the speaker are within 10 meters of each other, unobstructed by walls or doors.

You are prompted for a pin code when pairing Bluetooth® devices

In most cases, a pin code (password) is not needed. If a pin code is requested, enter: 0000.

The audio is cutting out when playing in Multi Mode

If the Wi-Fi® bandwidth is too low for Multi Mode to play at normal quality, the audio can start cutting out. Adjust the streaming quality to compensate for the low Wi-Fi® bandwidth.

01. Open the Urbanears Connected app and tap the menu button.
02. Tap on Settings and then "Multi Streaming Quality".
03. Set "Multi Streaming Quality" to "Low".

Your speaker is not responding

In the rare case that your speaker is not responding due to a software problem, do the following:

01. Unplug your speaker from the wall socket.
02. Wait for 15 seconds, then plug it in again.
03. Wait for the speaker to start up.

If your speaker is still not responding after start-up is completed:

04. Reset your speaker to its factory state. See Factory reset your speaker.
05. Redo the initial setup. See First time setup.

You don't have access to a Wi-Fi® network

To play your speaker when there is no Wi-Fi® network available:

- Connect a compatible device to your speaker using Bluetooth®. See Playing via Bluetooth®.
- Connect a compatible device to your speaker using a cable. See Playing via AUX input.

You don't have a smartphone or tablet

To play your speaker without using a smartphone or tablet:

- Connect a compatible device to your speaker using Bluetooth®. See Playing via Bluetooth®.
- Connect a compatible device to your speaker using a cable. See Playing via AUX input.

- Legal notice
- Caution / Avis
- Important safety instructions
- Warning
- Installation & connection
- Disposal & recycling information
- FCC statement
- IC statement
- Anatel
- 低功率電波輻射性電機管理辦法
- Disclaimer
- Declaration of conformity

Legal notice

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The user is recommended to visit the Website regularly for up-to-date information.

Caution / Avis

CAUTION AVIS
RISK OF ELECTRIC SHOCK DO NOT OPEN
ATTENTION: RISQUE DE CHOC ELECTRIQUE-NE PAS OUVRIR

This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

La symbole représentant un éclair avec une flèche dans un triangle équilatéral est destiné à l'utilisateur du système de mise en garde contre la présence de tensions dangereuses non isolées à l'intérieur du produit pour une ampleur suffisante pour constituer un risque d'électrocution.

Warning: To reduce the risk of electric shock, do not remove cover (or back) as there are no user serviceable parts inside. Refer servicing to qualified personnel.

Avertissement: Afin de réduire le risque d'électrocution, ne pas retirer le protection (ou boîtiers arrière), car aucune pièce intérieure ne peut être réparée par l'utilisateur. Confier toute réparation à un professionnel qualifié.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

Le point d'exclamation contenu dans un triangle équilatéral, sert à l'utilisateur de la présence d'instructions d'exploitation et de maintenance importantes dans la documentation fournie avec l'appareil.

Important safety instructions

01. Read these instructions.
02. Keep these instructions.
03. Heed all warnings.
04. Follow all instructions.
05. Do not use this apparatus near water.
06. Clean only with a dry cloth.
07. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
08. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
09. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Warning

- Keep the product and its accessories away from young children. This is a choking hazard.
- Do not install the product in an enclosed place such as a bookshelf or a cabinet. Overheating of the power adapter is the only way to completely disconnect the power supply. Ensure that a power socket is easily accessible at all times.
- Do not place the product, or its other stuff, on or close to the apparatus or near or on medium. The speaker cone and other parts are designed for spilled water and liquid. Stains with liquids, such as wines, shall not be allowed on product.
- Do not drop the product.
- Do not place the product to avoid risk of overheating.
- Do not listen to music for long periods.
- Do not listen for an extended period of time at a high sound pressure level.
- Do not insert body parts or objects into the bass port the risk of injury.
- Do not place the product on unstable surfaces, tables, or stands. Products may shatter when falling from a height.
- Please refer the information on exterior bottom or bottom for electrical and safety information before installing or operating the apparatus.
- Use only the power adapter provided in the operating instructions. External power adapter: HK-ADS-0120-0500-2EM-P, made by: DIYU.

This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

Installation & connection

- Connect the product only to the correct mains voltage as shown on the rating plate.
- Use only the power adapter that is specified in the operating instructions or as marked on the product.
- Do not install the equipment in a confined or building in space, and remain a well ventilation conditions at open place. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, tables, curtains, and similar items.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.

Disposal & recycling information

This crossed-out wheelbarrow symbol on your product (and any included batteries and other electronic accessories) indicates that they should not be disposed of with other waste at the end of their working life. Instead, return batteries and electronic accessories to an authorised collection point for recycling. Depending on your local laws, disposal of batteries and electronic accessories should be handed over to a certified collection point for recycling or proper disposal at the end of their life.

For more information related to disposal and recycling, visit the website: http://www.ultrawave.com

FCC statement

Any changes or modifications not expressly approved by the party responsible for compliance 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. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of at least 20 cm from all persons. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

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

Our product radio as also intended to carry out tests of the 2.3 to 2.35 GHz and 5.15 to 5.25 GHz bands. These radio stations can cause interference with other radio stations and equipment. Therefore, the operation of these radio stations is only permitted in closed rooms or other locations that can exclude the FCC grant of authorization for US operation according to Part 15.407 of the FCC rules.

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.

IC statement

This device complies with RSS247 of Industry Canada.

Cet appareil est conforme à la norme RSS247 d'Industrie Canada.

This device complies with Industry Canada's 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.

Cet appareil est conforme aux CNR exemptes de licence d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable.

This device complies with IC exposure limits for an uncontrolled environment set forth by Industry Canada. Ceradon information on IC exposure and compliance can be found in the User Guide.

Cet appareil est conforme aux réglementations d'Industrie Canada concernant les limites d'exposition aux rayonnements pour un environnement non contrôlé. Les informations sur l'exposition aux RF et de conformité pour le Canada peuvent être trouvées dans le Guide de l'utilisateur.

To comply with Industry Canada's RF radiation exposure limits for general population/uncontrolled exposure, this device must be installed to provide a minimum distance of 20 cm from all persons.

Pour être conforme aux limites d'exposition aux radiations RF d'Industrie Canada pour la population générale/exposition non réglée, cet appareil doit être installé à une distance minimale de 20 cm des personnes.

The Class B digital device complies with Canadian ICES-003. CAN ICES-3 (B)/NMB-3(B)

Cet appareil numérique de classe B est conforme à la norme ICES-003 du Canada. CAN ICES-3 (B)/NMB-3(B)

Notice for 5 GHz devices

Operation in the 5 GHz band is restricted to indoor use only. Ceradon is aware of and has taken an order to reduce the risk of harmful interference to co-channel Mobile Satellite systems. The maximum gain of the antenna shall comply with the e.i.r.p. limit of 200 W (23 dBW) and the e.i.r.p. spectral density limit of 10 W/MHz (13 dBW/MHz) for operations in the 5 GHz band. The maximum gain requirements are specified for devices in the 5 GHz band to protect co-channel Mobile Satellite systems, which are limited to point-to-point and point-to-point operation as appropriate. (a) Users should be advised that high power radars are allocated primary usage (priority) in the frequency band of the bands 5250-5350 MHz and 5650- 5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Avertissement concernant les appareils de 5 GHz

Mise en garde: (i) Tout appareil fonctionnant dans la bande de 5150 à 5350 MHz est destiné à une utilisation en intérieur uniquement afin de réduire le risque de brouillage préjudiciable aux systèmes de satellites mobiles utilisant le même canal. (ii) le gain d'antenne maximal autorisé pour les appareils dans la bande de 5150-5250 MHz et de 5470 à 5725 MHz doit être conforme à la limite e.i.r.p. (p.i.r.e) (p.a.r.e) équivalente maximale autorisée (EIRP) de 200 W (23 dBW) et la densité spectrale e.i.r.p. (p.i.r.e) (p.a.r.e) de 10 W/MHz (13 dBW/MHz) pour les opérations dans la bande de 5 GHz. Les exigences de gain maximal sont spécifiées pour les appareils de la bande 5 GHz pour protéger les systèmes de satellites mobiles à canal commun, selon le cas. (a) Les utilisateurs doivent également savoir que les radars de priorité supérieure sont attribués en tant qu'utilisateurs principaux (prioritaires) des bandes de 5250-5350 MHz et de 5650-5850 MHz et que ces radars peuvent causer des interférences et/ou des dommages aux appareils LE-LAN.

Ifetel

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.

Anatel

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

CLIENTES BRASILEIROS ANATEL HOMOLOGATION NUMBER: (IF) RECOMENDADO: Para informações sobre o número de homologação Anatel, por favor, ligue para o fabricante do produto ou consulte o site da Anatel em www.anatel.gov.br

低功率電波輻射性電機管理辦法

第十一條經型式認可之低功率射頻電機，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十二條低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Disclaimer

Please note that the availability of third party services, including but not limited to Chromecast built-in, AirPlay, Spotify, and this device's compatibility with third party services, may change or be discontinued or suspended without notice or settlement, and supply of such services, and/or may be restricted, including in this device not being compatible with such third party services, without any liability to Dual Industrial.

The availability of third party services may need separate agreements, licenses and any third party fees and subscriptions to be in place, and responsibility for the availability of such services.

Declaration of conformity

Hereby, Dual Industrial International AG, declares that this product is in compliance with 2014/53/EU and the RoTA directive 2017/2051.

For the declaration of conformity, please visit the following website: www.ultrawave.com/doc

Designed in Stockholm - Produced in China