



# *Circular Ring 2*

## *User Guide*

You can find the user guide in a digital version at [circular.xyz/user-guide](https://circular.xyz/user-guide)

### **English**

Welcome! You just received your new Circular Ring. Your journey to better health starts here.

This startup guide will take you through all the steps to setup your Circular ring.

Please read the user guide carefully before using your ring, charger, mobile app, and any other related Circular products and services. Failure to follow the instructions below could result in product damage or malfunction, injury and won't be covered by the warranty.

*Designed by Circular in Paris. Assembled in Asia.*

### **What's in the box?**

Your box includes at least:

- 1x Circular ring 2
- 1x Wireless Charging Case
- 1x USB-C Cable
- 1x QR Code for User Guidance
- 1x Cleaning Cloth

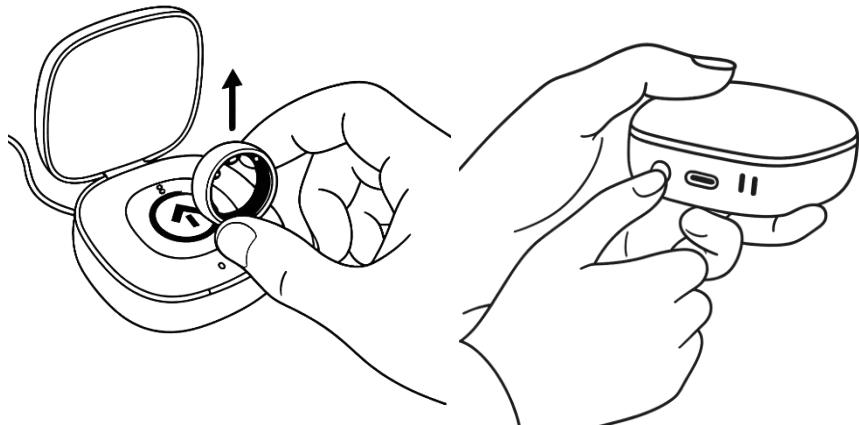
### **Getting Started**

#### **Setup your Circular ring with your charger**

1. **Plug your charger:** You need to plug the provided USB-C Cable into the USB-C port located at the back of the charging case. You must then plug the USB-C cable into a power source (laptop, power bank, phone...).



2. **Understand charging:** Place your Circular Ring correctly on the charger following the indicator marks. The sensors of the ring must be north as indicated by the mark. Short press the button located on the back of the charging case to light the LED indicator, to wake up the ring and to start charging the ring.

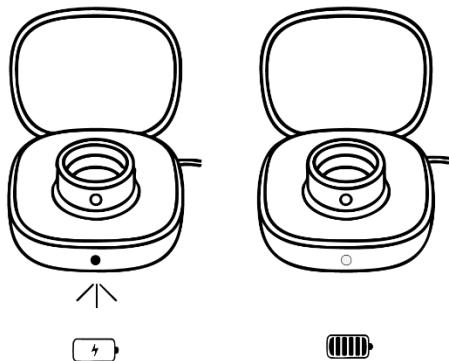


3. **Look out for the charger's LED:**  
Short press the button for 1 second, if the ring is placed correctly:
  - Green pulsing light = ring is charging
  - Solid green light = ring is fully charged
  - Red pulsing light = ring is charging but charger is low battery

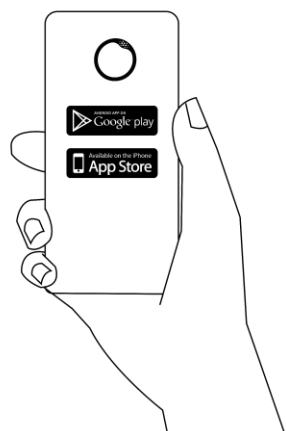
To check the battery level of the charger, press and hold the button for 2 seconds:

- Red light = less than 30% battery
- Orange light = between 30-70% battery
- Green light = between 70-100% battery

For battery calibration purposes, you first need to wake the ring up by placing it on the charger and charging it to **100%** for at least 60 minutes.

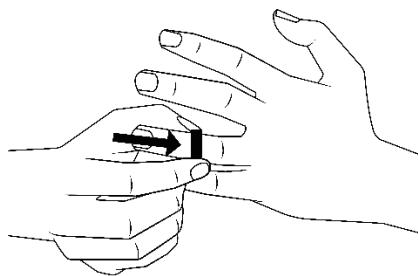


4. **Install the app:** Search for "Circular ring" on the App Store or Google Play. Once downloaded, follow the instructions to create an account and to pair your ring!



5. **Wear Your Ring:** Once you have a ring paired with your account, you are all set! The ring will automatically start tracking your metrics as soon as it detects that you are wearing it.

To see your data in the app, make sure that a data synchronization between the ring and the app has been done. You will see a loading bar appear after you connect to your ring. You can force data synchronization by swiping down on the home page.

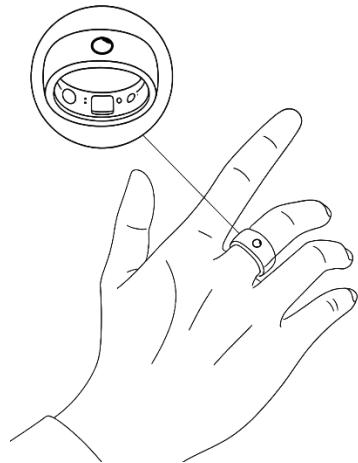


## Wear instructions

You can wear Circular on any finger. It is best to wear Circular on the fingers of your non-dominant hand. Eg: If you are right-handed, wear it on your left hand.

The three middle fingers give the most accurate readings.

The sensor area of the Circular Ring (PPG sensors and electrodes) must be positioned on the palmar side of your hand — that is, under your finger. The Circular logo of the ring should be on top of your finger, visible from above.



Finger size can vary throughout the day, your fingers may swell in the morning or evening.

The Circular ring can be worn in a shower, or when swimming. It is not recommended to wear the ring in a Sauna.

## Specification

### Outer materials

High-grade titanium with high-end coating.

## Inner materials

Non-allergenic, nonmetallic clinical-grade biocompatible inner epoxy.

## Charger materials

High-gloss transparent polycarbonate lid with printed Circular logo, paired with a durable mix of PC and ABS for the base

## Ring Sensors

- 1 Single-Lead ECG sensor
- 3 LEDs Oximeter sensor: Infrared, Red, and Green. Red and Green LEDs are used in the visible color range. LEDs are safe to the user and to the people around.
- 3-axis accelerometer
- Digital temperature sensor

## Charger Sensors

- Bluetooth sensor

## Memory Capacity

Flash ROM memory (up to 7 days) depending on type and frequency of use.

## Battery

Rechargeable 14.5-21.5 mAh Li-Ion battery, non-replaceable.

## Battery life

Up to 7 days.

## Charging

60 min of charging.

## Connectivity

Bluetooth Low Energy 4.2 to 5.0. Encrypted communication is used between the ring and the app and the between the app and the cloud servers.

## Firmware Update

Automatic firmware updates via the Circular app. Bluetooth Secure DFU.

## Waterproof

- The ring is waterproof and dustproof to IP68 standards up to 50 meters immersion for 30 minutes.

- The charger is not waterproof and is intended for indoor use only. Do not use or store the charger in humid environments. Water (even rain) can damage the charger..

### **Ring size & characteristics**

- 9 sizes: from 5 to 13 (US size)
- 7.8 mm large x 2.55 mm wide
- 3 grams

### **Operating temperature**

- Operating temperature: -10°C / 45°C
- Charging temperature: 0°C - 45°C
- ECG temperature: 0°C - 45°C
- Humidity: up to 93%, noncondensing
- Atmospheric Pressure: 50kPa; 106 kPa

### **Charger input connector and voltage**

- USB male/female Type-C connector 5V 2A
- 700 mAh LI-POLYMER battery
- If you use an extension cable to charge the ring, please use the one sold on the Circular website.
- The charger shall be supplied by a power source that shall meet the standard for limited power supply.

### **Safety Certifications**

- Bluetooth SIG
- CE
- REACH
- RoHs
- FCC part 15 Class B digital device
- CA Prop 65
- UKCA
- IC
- R&TTE
- R-NZ

### **Regulation**

Dispose of the ring and internal battery in accordance with applicable laws and regulations. Special handling may be required. The charger is an electronic device and local legislation for electronics recycling should be followed.

### **Circular mobile app availability**

- iPhone app on Apple App Store
- Android app on Google Play Store

## Features

- Smart Alarm with vibrations
  - Wake Up score
  - Smart alarm
  - Snooze
- Sleep analysis
  - Sleep quality score
  - Chronotype
  - Total sleep duration
  - Real sleep duration
  - Disturbances
  - Tranquility
  - Circadian rhythm
  - Sleep stages including deep and rem sleep
  - Sleep latency
  - Sleep debt
  - Heart Rate average
- Energy analysis
  - Energy score
  - Active minutes
  - Steps
  - Distance
  - Total calories burned
  - Cardio points
  - VO2 max estimate
  - Max heart rate
  - Body recovery
  - Activity volume
  - Resting heart rate
  - Heart rate
  - Breathing rate
  - Blood oxygen
  - Heart rate variability
  - Temperature variation
- Live measurement
  - Heart rate
  - Heart rate variability
  - Blood oxygen
- Guided breathing
  - Set of breathing exercises
  - Resting Heart rate during exercise

- Heart rate variability during exercise
- Heart-breathing Coherence during exercise
- Timer
- Vitals alerts
  - Low heart rate alert
  - High heart rate alert
  - Low SpO2 alert
- Stress Levels
  - Hourly Stress levels
  - Predicted Stress levels
- Medication Reminder
  - Keep track of your intake
  - Set up your intake routine
- Sport Sessions
  - Manually start a workout session
  - Use phone GPS to get more data
- Coherence
  - Coherence exercise with real time coherence score
- Heart Rhythm monitoring
  - 30-40 sec spot ECG measurement
  - Export of ECG trace in PDF
- Women's Health
  - Track and predict women's cycle based on vitals
  - Pregnancy insights

## **Care and maintenance**

### *Water Resistance*

The Circular Ring 2 is waterproof and is IP68 grade. The ring can be immersed in 50 meters of water for a maximum of 30 minutes. It is not recommended for use in salt water.



### *To remove your ring*

In case the ring gets stuck on your finger:

1. Use cold water and soap and slowly twist the ring to remove it.
2. Hold your hand up above your heart until the blood pressure lowers and then try to remove your ring.

Watch out, finger size can vary throughout the day, your fingers may swell in the morning or evening!

### *Cleaning*

In order to clean your ring and sensors, use a soft cloth or hand wash with mild soap and water.

It is not recommended to let moisture stagnate between the ring and the finger after wearing the ring if it was in contact with water. Please remove the ring from your finger and dry your finger and the inside of the ring with a cloth before wearing it again.

### *Scratch resistance*

The outer surface of the ring may get scratches against harder metal jewelry or other objects in close contact made of harder materials.

### *Carrying weight*

It is not recommended to wear your ring during activities like weightlifting, CrossFit or carrying weight or heavy items. Damage may occur to the ring.

## Airports, Secure Buildings, Magnetic Scans

The magnetic field created by metal detecting gates present at airports or entrances to secure buildings are known to harm electronic equipment, such as laptops, cell phones and the Circular ring. Security wands create the same magnetic pulse and can also damage your devices. Even a single exposure can impact your devices in a way that's not immediately visible.

*You must send the Circular Ring with your electronic devices through the x-ray scanner with your carry-on.*

## Determining the ring's current battery level

*Checking the ring battery level when I wear the ring*

You can check the level of the ring's battery by logging into your Circular app and looking at the top-right corner of the home page.

*Checking the ring's battery level when I charge the ring*

If your ring is on the charger and is fully charged, the charger LED will stop pulsing and remain solid.

*My ring has reached 0% battery*

**IMPORTANT NOTE:** If your ring has reached 0% battery, please connect to your ring with the app. If you don't do it, your ring won't acquire data even if you recharge it.

*Battery percentage curve*

The battery percentage may not be linear.

*Calibration of the battery percentage level*

*Charge your ring to 100% for at least 45 minutes when you receive it for battery calibration purposes. Without that, the app may show incorrect battery level.*

## Charging your Circular ring

**IMPORTANT NOTE:** If your ring has reached 0% battery, please connect to your ring with the app. If you don't do it, your ring won't acquire data.

*How to charge my ring*

To charge your Circular Ring 2, you'll need to use the Circular Portable Wireless Charger included in your packaging, along with the provided USB-C charging cable.

The charger is designed for a particular ring size and cannot be used to charge other ring sizes.

Start by plugging the USB-C cable into the port located at the back of the charger. You can connect it to a computer, phone adapter, or wall outlet.

The charging case contains an internal battery to charge your ring even when unplugged—provided the charger's battery has remaining power.

At the back of the charger, you'll find a button and a hole to allow certain sensors to operate.

To check the battery level of the charger, press and hold the button for 2 seconds:

-  No light = Battery empty
-  Red light = less than 30% battery
-  Orange light = between 30–70% battery
-  Green light = between 70–100% battery

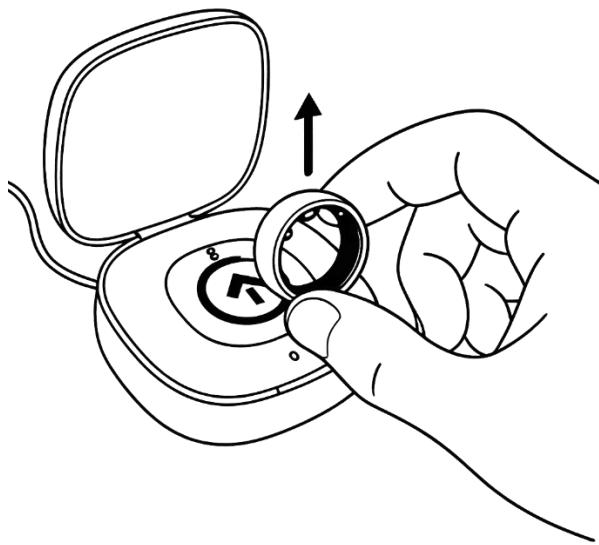
It takes up to 60 minutes to fully charge your ring when the ring's battery is empty. Please note that the charger voltage is 5V.

**Important notes:** The ring can charge up to 90% on the charger's battery if not plugged in to maintain both ring and charger battery health. If you want it to go up to 100%, the charger must be plugged in while charging the ring.

### **How to Place the Ring Correctly**

The Circular Ring 2 will charge wirelessly when correctly placed on the charger and after pressing the back button.

Place the ring on the wireless charger following the ring indicator marks. The sensors of the ring must be north as indicated by the mark or above the number indicating the charger size. If the ring is not aligned correctly, it will not charge.



Once the ring is placed properly, press the button once (short press) to initiate charging.

- If placed properly:
  - ● Green pulsing light = ring is charging
  - ● Solid green light = ring is fully charged
  - ● Red pulsing light = ring is charging but charger is low battery

#### ***Important Tips:***

- The ring is not charging automatically; make sure to press the button after placing the ring, as it does not auto-start.
- Always charge at room temperature (0°C–45°C) for safety and performance.
- Avoid using off-brand power adapters, which may cause slow or incomplete charging. Avoid charging in your cold car, garage, or a room that is too hot.
- After a firmware update, battery readings in the app may be off—fully charge your ring once again to recalibrate.

#### **Accuracy**

Circular tests accuracy against medical grade gold standard device while building each of the tracked metrics. Sleep against PSG, pulse oximeter for SpO<sub>2</sub>, Holter monitor for heart metrics and foot pods for steps.

#### **Factors That May Impair Data Accuracy**

##### *Sport sessions*

For certain exercises, such as Crossfit, weightlifting or riding a bike, it may be difficult to auto-detect sport sessions. This is because when you're lifting heavy weights for an extended period of time or gripping something tightly, it's more difficult for the heart rate

sensor to get a clear reading. This is because the sensor is being pushed against your skin which becomes compressed and harder to see through.

It is recommended to turn the flat part of the ring on the top of your finger during an activity as riding a bike or driving a car.

Another factor that can impair signal quality is temperature, as in cold weather blood can retreat from your fingers, which can also make it difficult for the heart rate sensor to get a clear reading.

#### *Heart metrics*

Regarding heart metrics, Circular will only report average measurements per minute, so if the max HR is not sustained over a span of a minute or so, the minute average for that time will be lower than what other trackers can report, as they can report HR with higher temporal resolution.

There is a trade-off between higher temporal resolution and battery life.

#### *Steps during transportation*

The vibrations of your transportation on the road or on the rail line may sometimes transfer to your hand and look like steps to the ring. Especially when your ring-wearing hand is resting on the door, window or the steering wheel.

#### *ECG*

To ensure accurate ECG readings with your Circular Ring 2, it's important to follow a few best practices.

- Movement during the 40-second scan can cause signal noise, so remain still and relaxed. Always use the correct hand position as shown in the app to complete the electrical circuit.
- Make sure your hands are warm, as cold skin may reduce skin conductivity.
- Avoid wet or sweaty skin, and ensure the ring sits snugly on your finger.
- Also, try to stay away from sources of electronic interference during the measurement.
- For best results, take your ECG in an environment within the recommended temperature range of 0°C to 37°C (32°F to 98.6°F).

#### **Electrocardiogram**

The Circular Ring 2 includes a single-lead ECG sensor that lets you take spot heart recordings to track heart rhythm and potential irregularities. To begin, make sure your ring is properly paired and worn snugly. Then, go to My Ring > Wear the ring on my > Left or Right hand in the app to set the correct hand or the signal will be inverted.

Access a feature that needs the ECG. Place your thumb on the ring's outer surface. Sit still, relax your arm on your legs, and wait for the 40-second scan to complete without moving at

all. This feature is designed for wellness tracking purposes only and is not a medical device or diagnostic tool. For any medical concerns, consult a healthcare professional.

## **Safety Information**

### *Health diagnostic*

Please note that Circular is not intended to diagnose, treat, cure or prevent any disease or medical condition without the assistance of a health professional. The information and guidance provided by Circular are there for informational purposes only and cannot replace the services of health professionals or physicians. You should always consult a health professional if you have any questions regarding any changes you intend to make to your sleep or activity or regarding a medical condition. Never disregard professional medical advice or delay in seeking it because of something you have read through Circular services. Circular is not responsible for any health problems that may result from information or guidance you learn through the Circular services. If you make any change to your sleep or activity based on the Circular services, you agree that you do so fully at your own risk.

### *Handling*

Please be cautious that the ring or any other Circular product you are wearing does not get caught on fixed structures or heavy objects when moving or moving heavier objects.

Do not try to open the ring or puncture the ring or its battery.

### *Electricity safety*

Like with all rings made of metals, be careful when handling batteries when you are wearing the ring. If the electrodes of a battery are in contact with the ring, the battery may short circuit.

### *Children*

Keep the ring away from children. Do not leave the ring exposed to heat, such as in a vehicle under the sun.

### *Skin*

If you experience redness or skin irritation on your finger due to the ring or any Circular product, remove it immediately. If symptoms persist longer than 2-3 days of not using your Circular product, please contact a dermatologist.

The inside material of the Circular ring is medical grade biocompatible and gold plating on the charging contacts. There is no nickel in contact with your finger.

## **Requirements for Use of the Circular Services**

The full Circular experience requires Circular hardware products, internet access to the Mobile App and Websites, and other required software (if any). Periodic updates to any of these elements may be required for improved performance, and the performance of the whole may be affected by the performance of any of these elements. You are responsible for obtaining your own internet access and mobile device to access the Circular Services.

## Privacy

- GDPR & HIIPA compliant
- Secure bonding and pairing of the ring with your phone
- Encrypted and anonymized data transfer to the app

## Support and Questions

If you have any questions about getting started with or using your ring, mobile app, and any other Circular services, or you have any issues with your product, please refer to the FAQs at [circular.xyz](https://circular.xyz). If you can't find what you are looking for, send us an email at [support@circular.xyz](mailto:support@circular.xyz).

## Warranty Disclaimer

Except for the limited warranty for the Circular product set forth below, the Circular services are provided by Circular and its affiliates "as is."

Neither Circular nor its partners, suppliers, or affiliates make any representations or warranties of any kind, express or implied, as to the operation of the Circular services (including the Circular products), its contents, or any information made available by or through the Circular services. In addition, Circular and its partners, suppliers, and affiliates disclaim all warranties with respect to the Circular services (including the Circular products), express or implied, including but not limited to the implied warranties of merchantability, title, fitness for a particular purpose, and non-infringement. Furthermore, Circular does not warrant that use of the Circular services will be uninterrupted, available at any time or from any particular location, secure or error-free, that defects will be corrected, or that the Circular services (including any Circular product) are free of viruses or other potentially harmful components.

Limited warranty for the Circular product, for example, the ring. Circular warrants to the original end-user purchaser that the Circular product is free from defects in material and workmanship for one (1) year from the date of purchase. If your local law in effect at the time of purchase requires a warranty period longer than one (1) year, this warranty shall be extended to the extent required by such law. Within the warranty period, Circular shall repair or replace at no charge to you any components of the Circular product that fail the limited warranty provided. You shall be responsible for any related transportation charges. Replacement products may be new or refurbished at our discretion. This limited warranty does not apply to (i) normal wear and tear, including scratches and dents; (ii) consumable parts included in the Circular product, such as batteries, unless product

damage has occurred due to a defect in materials or workmanship; (iii) damage resulting from your failure to use the Circular product in accordance with the instructions accompanying the Circular product or available at the website; (iv) damage resulting from an accident, flood, fire, misuse, or abuse; (v) damage resulting from service performed, or damage resulting from tampering or alterations to the Circular product, by anyone not authorized by Circular; or (vi) use of the Circular product with any other application or software than the mobile app.

Circular retains the exclusive right to repair or replace the Circular product, or offer a full refund, at its sole discretion. Such remedy shall be your sole and exclusive remedy for any breach of warranty. Warranty repairs and replacements have a new warranty which is the longer of ninety (90) days or the balance of the original one (1) year warranty.

### **Limitation of liability**

In no event will Circular or any of its affiliates be liable for direct, indirect, incidental, punitive, or consequential damages (including without limitation those resulting from lost profits, lost data, or business interruption) arising out of the use, inability to use, or the results of the use of the Circular services, whether such damages are based on warranty, contract, tort or any other legal theory and whether or not Circular has been advised of the possibility of such damages. The aggregate liability of Circular, arising from or relating to the Circular services (regardless of the form of action or claim, e.g. Contract, warranty, tort, strict liability, negligence, or any other legal theory) is limited to €100. Circular's affiliates, providers, and partners have no liability whatsoever arising from the website. In some locations, applicable law may not allow certain of the limitations described above, in which case such limitations will apply to the maximum extent allowed by such applicable law.

### **Terms of use**

Your use of the Circular products and services is subject to our Terms of Use, available at [circular.xyz/terms-and-conditions](https://circular.xyz/terms-and-conditions), and Privacy Policy available at [circular.xyz/privacy-policy](https://circular.xyz/privacy-policy).

### **Intellectual Property Rights**

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Manufactured by Circular.

## Regulatory & Safety Notices

### USA

Circular has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate equipment.

### California Proposition 65

WARNING: This product may contain chemicals known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### USA: Federal Communications Commission (FCC) statement.

This device complies with FCC part 15 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.

### FCC Warning

Changes or modifications not approved by Circular 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.

# O CIRCULAR

This device meets the FCC requirements for RF exposure in public or uncontrolled environments.

FCC ID: 2BOAM-CR2

## RF exposure safety

This product is a radio transmitter and receiver. It's designed not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## Canada: Industry Canada (IC) statement

This device meets the IC requirements for RF exposure in public or uncontrolled environments.

IC Notice to Users in accordance with RSS GEN Issue 5:

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.

IC: 29243-CIRCULAR110

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

This class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de classe B est conforme à la norme Canadienne ICES-003.

## European Union (CE)

Frequency range: 2402-2480 MHz

Max output power: 3.29 mW

In order to satisfy the essential requirements of 2014/53/Eu Directive, the radio equipment is compliant with the following standards:



RF spectrum use: EN 300 328

EMC: EN 301 489-1, EN 301 489-17, EN 55032, EN 55035, EN 50566, EN 61000

The conformity assessment procedure of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

Precise Testing & Certification Co.,Ltd

Building 1, No. 6, Tongxin Road, Dongcheng Street,

Dongguan, Guangdong, China

#### 2012/19/EU

This product is compliant with Directive 2012/19/EU. Please dispose used electrical and electronic equipment (WEEE) according to national laws and regulations with electrical waste. It should not be mixed with general household waste.

#### United Kingdom (UKCA)

This product is compliant with the UK Conformity Assessment Radio Equipment Regulations 2017.

#### Australia and New Zealand

Compliant with the standard R&TTE 99/CE/05 Australia and New Zealand R-NZ

## **French – Français**

#### **Avis de réglementation et de sécurité**

#### Etats-Unis

Circular n'a approuvé aucun changement ou modification de cet appareil par l'utilisateur. Tout changement ou modification pourrait annuler l'autorisation de l'utilisateur à utiliser l'équipement.

#### California Proposition 65

**AVERTISSEMENT :** Ce produit peut contenir des produits chimiques identifiés par l'État de Californie comme pouvant causer des malformations congénitales ou autres effets nocifs sur la reproduction. Pour de plus amples informations, prière de consulter [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

États-Unis : déclaration de la Federal Communications Commission (FCC).

Cet appareil est conforme à la partie 15 des règles de la FCC. Le fonctionnement est soumis aux deux conditions suivantes :

1. Cet appareil ne doit pas causer d'interférences nuisibles et
2. Cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant entraîner un fonctionnement indésirable.

Avertissement de la FCC

Les changements ou modifications non approuvés par Circular pourraient annuler le pouvoir de l'utilisateur d'utiliser l'équipement.

Remarque : Cet équipement a été testé et jugé conforme aux limites d'un appareil numérique de classe B, conformément à la partie 15 des Règles de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et peut émettre de l'énergie radiofréquence et, s'il n'est pas installé et utilisé conformément aux instructions, peut causer des interférences nuisibles aux communications radio. Cependant, il n'y a aucune garantie que des interférences ne se produiront pas dans une installation particulière. Si cet équipement cause des interférences nuisibles à la réception de la radio ou de la télévision, ce qui peut être déterminé en éteignant et en allumant l'équipement, l'utilisateur est encouragé à essayer de corriger les interférences par une ou plusieurs des mesures suivantes:

- Réorienter ou déplacer l'antenne de réception
- Augmenter la séparation entre l'équipement et le récepteur
- Connecter l'équipement à une prise sur un circuit différent de celui auquel le récepteur est connecté.
- Consulter le concessionnaire ou un technicien radio/TV expérimenté pour obtenir de l'aide.

Cet appareil répond aux exigences de la FCC en matière d'exposition aux RF dans des environnements publics ou non contrôlés.

ID FCC: 2BOAM-CR2

Sécurité en matière d'exposition aux RF

Ce produit est un émetteur et un récepteur radio. Il est conçu pour ne pas dépasser les limites d'émission pour l'exposition à l'énergie de fréquence radio (RF) fixées par la Commission fédérale des communications.

Cet émetteur ne doit pas fonctionner en conjonction avec une autre antenne ou un autre émetteur.

#### Canada : Déclaration d'Industrie Canada (CI)

Cet appareil répond aux exigences des circuits intégrés pour l'exposition aux RF dans des environnements publics ou non contrôlés.

Avis IC aux utilisateurs conformément au numéro 5 de RSS GEN :

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.

IC: 29243-CIRCULAR110

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

Cet appareil numérique de classe B est conforme à la norme Canadienne ICES-003.

#### European Union (CE)

Spectre de fréquences : 2402-2480 MHz

Puissance de sortie maximale : 3,29 mW

Afin de satisfaire aux exigences essentielles de la directive 2014/53/EU, l'équipement radio est conforme aux normes suivantes :

Spectre RF : EN 300 328

EMC : EN 301 489-1, EN 301 489-17, EN 55032, EN 55035, EN 50566, EN 61000

La procédure d'évaluation de la conformité de la directive 2014/53/EU a été suivie avec la participation de l'organisme notifié suivant :



Precise Testing & Certification Co.,Ltd  
Building 1, No. 6, Tongxin Road, Dongcheng Street,  
Dongguan, Guangdong, China

2012/19/EU

Déclaration de conformité à la directive européenne 1999/5/CE

Circular est autorisé à apposer le marquage CE sur CIRCULAR RING ONE, déclarant ainsi la conformité aux exigences essentielles et autres dispositions pertinentes de la directive 1999/5/CE et d'autres directives applicables.

United Kingdom (UKCA)

Ce produit est conforme à la réglementation britannique de 2017 sur l'évaluation de la conformité des équipements radio.

Australie et Nouvelle-Zélande

Conforme à la norme RCM Australie et Nouvelle-Zélande R-NZ.