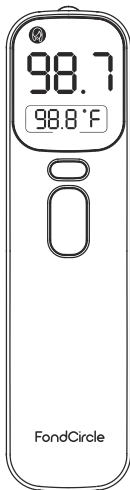


Infrared Thermometer



User Manual

FOREWORD

The FondCircle Infrared Thermometer can be used to measure the ear and forehead temperature, which is suitable for adults and children. (Only use ear mode for children over 3 months.)

This user manual contains important safety and care information, and provides step-by-step instructions for using this infrared thermometer. FondCircle assumes no liability and provides no warranty for any damage (including indirect damage) resulting from failure to comply with this user manual. Please read through this user manual carefully before using the product and strictly follow all safety precautions.

Video Tutorials

Scan the QR code to watch the tutorial videos, which demonstrate how to use the Infrared Thermometer safely.



Online Manual

Scan the QR code to get the manual as a PDF, which can be enlarged and viewed on your mobile device.



Quick Start Guide

Scan this QR code to download the Bluetooth Quick Start Guide as a PDF, which can be enlarged and viewed on your mobile device.





App Download

Scan the QR code with your phone or tablet to download the FondCircle App.

PACKAGE CONTENTS

No.	Name	Quantity
1	Infrared Thermometer	1
2	Storage Pouch	1
3	User Manual	1
4	Quick Start Guide	1
5	AAA Batteries	2

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WARNINGS AND PRECAUTIONS

■ WARNINGS

- Keep the thermometer out of reach of children. For accidental swallowing of the battery or other accidents, consult a doctor immediately or contact a poison control center.
- Never immerse the thermometer into water or other liquids. For cleaning and disinfecting, follow the instructions in the "Care and Cleaning" section.
- Never use the thermometer for purposes other than those it has been intended for. This thermometer is designed for human body temperature measurement only. Please follow general safety precautions when using it on children.
- Keep the thermometer away from direct exposure to the sun and store it in a dust-free, dry, well-ventilated place, with a temperature range between 10°C (50°F) and 40°C (104°F). Do not use the thermometer in environments with high humidity (>95% RH).
- Do not use the thermometer if there are signs of damage on the measuring sensor or the instrument itself. If damaged, do not attempt to repair the instrument. Contact the dealer for assistance.
- This thermometer consists of high-quality, precision parts. Do not drop the instrument.

Protect it from severe impact and shock. Do not twist the instrument or the measuring sensor.

- Consult your doctor if you notice symptoms such as unexplained irritability, vomiting, diarrhea, dehydration, changes in appetite or activity, seizures, muscle pain, shivering, stiff neck, or pain when urinating, even in the absence of fever.
- Even in the absence of fever, individuals with normal temperature may still need medical attention. People who are taking antibiotics, analgesics, or antipyretics should not be evaluated based solely on temperature readings to determine the severity of their illness.
- Temperature elevation may signal a serious illness, especially in adults who are elderly, frail, have a weakened immune system, or in newborns and infants. Seek professional medical advice immediately when there is a temperature elevation, particularly for individuals who are:
 - Over 60 years of age (fever may be blunted or even absent in elderly patients)
 - Have diabetes mellitus or a weakened immune system (e.g., HIV positive, cancer, chemotherapy, chronic steroid treatment, splenectomy)
 - Are bedridden (e.g., nursing home patients, stroke, chronic illness)
 - Are transplant patients (e.g., liver, heart, lung, kidney)

- This thermometer is not intended for preterm babies or small-for-gestational-age babies. This thermometer is not intended for interpreting hypothermic temperatures. Do not allow children to take their temperature unattended.
- Use of this thermometer is not intended as a substitute for consultation with your physician or pediatrician. It is dangerous to perform self-evaluation or self-treatment based on the measurement result. Always follow your doctor's instructions.
- Clean the thermometer probe after each use to prevent the spread of germs and ensure accurate measurements.
- Do not use the thermometer on newborns or for continuous temperature monitoring purposes unless specifically advised by a healthcare professional. Do not take a measurement while or immediately after nursing a baby. Wait at least 30 minutes before taking a temperature reading.
- Patients should not drink, eat, or engage in physical activity before taking a measurement. Wait at least 10–15 minutes after these activities to ensure an accurate reading.
- Do not throw the battery into fire. Dispose of the battery according to local regulations.
- Do not touch the lens of the thermometer probe with your fingers and do not disassemble the device yourself. If the device is damaged, contact the manufacturer for guidance.

- Before measuring forehead temperature, ensure hair is removed and sweat is dried. Any sweat or hair can affect the accuracy of the reading.
- After exercising, eating, or bathing, wait for at least 30 minutes before measurement. Allow your body temperature to stabilize to ensure an accurate reading.
- To ensure reliable and stable measurement data, when ambient temperature varies significantly, place the thermometer indoors for about 30 minutes before using it.
- When measuring body temperature continuously, take measurements no more than once per minute. If you need to take measurements for yourself continuously, slight variations in temperature readings are normal. It is recommended that you take no more than three measurements in a single session. Always calculate the average for a more accurate result. Be aware that the thermometer may be affected by the heat from the body, leading to slight measurement errors.
- There is no absolute standard for human body temperature, so it is recommended that you track your individual baseline temperature over time. Use this baseline to help determine whether you may have a fever.
- Do not measure body temperature on scarred tissue or skin affected by disorders. These areas may provide inaccurate readings due to compromised skin integrity.

- Do not measure the forehead temperature if the patient has trauma on the forehead. Trauma may distort the temperature reading.
- Do not measure body temperature if the patient is being treated with certain drug therapies, such as antipyretics or drugs that may affect body temperature.
- Body temperature may temporarily increase due to certain medications. Wait for at least 30 minutes before measuring the temperature to ensure accuracy.
- Do not use a mobile phone or cordless phone near the thermometer when taking a measurement, as electromagnetic interference may affect the accuracy.
- To ensure the accuracy of measurement data, avoid taking temperature measurements in strong electromagnetic interference environments (e.g., near microwave ovens or high-frequency equipment).
- Do not disassemble, repair, or modify the unit. This may result in improper functioning or inaccurate readings.
- Do not touch the battery output while measuring. Ensure the batteries are correctly installed before use.
- The thermometer must be stored according to the technical specifications to maintain its performance and accuracy.
- The materials (ABS) that come into contact with the patient have passed ISO 10993-5 and ISO

10993-10 standard tests and are non-toxic, non-allergenic, and non-irritating. These materials comply with Medical Device Directive (MDD) requirements. Based on current scientific knowledge, other potential allergic reactions are unknown.

- The device is intended for use by the patient. Patients may measure their temperature, read the data, and replace the batteries under normal circumstances. They should also follow the user manual for maintaining the device and its accessories.
- The device is not intended for patient transport outside a healthcare facility. It is designed for home use or in clinical settings where the patient is stationary.
- Do not use this thermometer for any purposes other than measuring human body temperature. Using the thermometer for other purposes may result in inaccurate measurements.
- Do not measure temperature while talking on the phone. This may interfere with the accuracy of the measurement.
- Do not use the ear/forehead measurement mode for measurements other than human body temperature. The thermometer is calibrated for use only with human body temperature.
- Avoid measuring ear temperature if the ear is inflamed or infected. Infected or inflamed ears can give inaccurate temperature readings.

- Do not use the ear measurement mode inside a wet ear, such as immediately after showering or bathing. Doing so may damage the ear or the thermometer.
- If the thermometer will not be used regularly, remove the battery to prevent possible damage due to chemical leakage. If the batteries leak, handle with care and do not allow bare skin to contact the leaking fluid.

SAFETY PRECAUTIONS

1. Contraindications

Do not use the thermometer if the ear is infected with otitis or suppuration. Infection can distort temperature readings and may cause harm.

2. Electrical and Fire Safety

- The patient is an intended operator of the thermometer, provided that it is used according to the manufacturer's instructions.
- Do not disassemble, repair, or modify the device without the presence of professional personnel. Unauthorized repairs or modifications can cause damage, malfunction, or personal injury, and may void the warranty. Always contact an authorized service center for repairs.
- If there are signs of damage to the device's function (e.g., malfunctioning, visible cracks, or malfunctioning sensors), do not use the device. Please promptly contact agents or an authorized after-sales service center.

- Circuit diagrams, component part lists, descriptions, and calibration instructions can be provided by the manufacturer for service personnel to facilitate repairs or adjustments, provided it is done by qualified professionals.
- Unauthorized modifications are prohibited and may lead to safety hazards and unacceptable risks.
- Do not use the device if it is damaged or broken. It should only be used if it is in good working condition.
- Do not use near bathtubs, showers, basins, or other vessels containing water. Water exposure could damage the device or pose an electrical hazard.
- If the device has been exposed to water, do not use it until it has been inspected by the manufacturer to assess whether it can be repaired or safely reused.
- If the device is immersed in water while powered on, immediately unplug the device and ensure it is fully dried before using or servicing it to avoid electrical hazards.
- Do not perform maintenance while the device is in use. Always ensure that the device is powered off before conducting any maintenance or cleaning procedures.
- Supervise children carefully to ensure they do not play with the device. Children should not be allowed to use the device unsupervised to prevent accidents or injury.

- Do not subject the device to heavy shocks or impacts. This can cause internal damage to the device and may compromise its functionality.
- Do not store the device or its accessories in a humid environment for extended periods. Long-term exposure to moisture may affect the performance and accuracy of the device.
- When moving the device from a low storage temperature to room temperature, allow it to acclimate for 30 minutes before use. This helps ensure accurate readings and proper functionality.
- When moving the device from a high storage temperature to room temperature, allow it to cool down and acclimate for 30 minutes before use to avoid potential damage or inaccuracies.

3. General Precautions

- No professional skills or training are required for usage, but it is important to read the user manual thoroughly before using the device for the first time.
- Avoid using or storing the device in high-temperature, high-humidity, or dusty environments, as this can lead to malfunction or inaccuracies in readings.
- Avoid applying excessive pressure to any part of the device. Excessive force could damage the device or affect its accuracy.

SYMBOLS

Symbol	Description
	Type BF applied part
	Information about the manufacturer
	Please read the instructions carefully
	Electrical materials should be sent to a dedicated point for recycling
	Production date
LOT	Batch number
	IMPORTANT! Inaccurate reading or thermometer damage may occur if the thermometer is not correctly used
IP22	2: Protected against solid foreign objects up to 12.5 mm in diameter 2: If the thermometer is kept at a 15 degree angle, it can withstand water dripping
	Keep away from sunlight
	Fragile, handle with care
	Keep dry
	This way up
	Use-by date
	MR unsafe
UDI	Unique device identifier
	Non-ionizing electromagnetic radiation

FEATURES

- Magnetic probe cover and automatic mode switch between forehead and ear mode
- Quick measurement: Less than 1 second
- Compact body with large font for easy reading
- Multi-functional: Capable of measuring both ear and forehead temperatures
- Auto power-off feature for energy efficiency
- Easy operation: One-button design for switching between ear and forehead measurement modes
- Mute and unmute mode switch for convenience
- Audio and visual fever warnings for clear alerts
- Switchable between °C and °F for temperature display preferences
- Backlight color temperature indication for better visibility in low-light conditions
- Patented technology enables separate measurement
- Modes for adults and children

PRODUCT DESCRIPTION

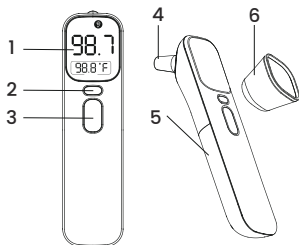
■ USAGE GUIDE

Overview

- The FondCircle Infrared Thermometer measures the body temperature based on the infrared energy emitted from the eardrum or the forehead. Users can quickly get measurement results after properly positioning the temperature probe in the ear canal or forehead.
- Normal body temperature is a range. The following table shows that this normal range also varies by site. Therefore, readings from different sites should not be directly compared. Tell your doctor what type of thermometer you used to take your temperature and on what part of the body. Keep this in mind if you are diagnosing yourself.

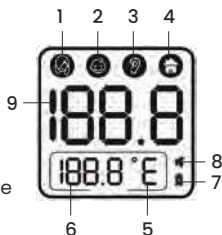
Measuring Part	Normal Temperature Range
Forehead Temperature	36.1-37.5°C (97-99.5°F)
Ear Temperature	35.8-37.5°C (96.4-99.5°F)
Oral Temperature	35.5-37.5°C (95.9-99.5°F)
Rectal Temperature	36.6-38°C (97.9-100.4°F)
Axillary Temperature	34.7-37.3°C (94.5-99.1°F)

■ STRUCTURE



- 1. LCD Display Screen
- 2. Mode Button
- 3. Measure and Mute/Unmute Button
- 4. Probe
- 5. Battery Cover
- 6. Probe Cover (Remove when measuring ear temperature)

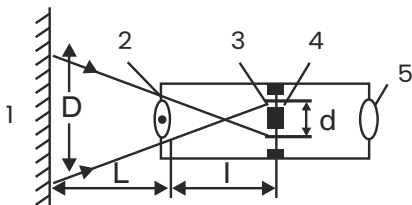
- 1. Adult Forehead Mode
- 2. Child Forehead Mode (under 12 years old)
- 3. Ear Mode
- 4. Adjust Mode
- 5. Switch between °C and °F
- 6. Previous Temperature Value
- 7. Low Battery Indication
- 8. Mute/Unmute Icon
- 9. Current Temperature Value



■ OPERATION PRINCIPLE

Operating principle

- In the nature, for all objects whose temperature is higher than the absolute zero (-273.15°C), for the sake of molecule's thermal motion, radiate electromagnetic wave to the surrounding ambient including the infrared wave without a break, the relationship between the density of radiation energy with the object's temperature conform to the radiation law.
- The infrared thermometer's working principle is based on the fourth-power law: Infer an object's radiation temperature by measuring object's radiation infrared energy. A thermopile sensor can convert the infrared energy into thermoelectricity, and output as a detected signal after signal processing.



1. Subject

2. Object Lens

3. Heat Plate

4. Eye Lens

5. Eye Lens

Figure 1

The infrared temperature sensor detects infrared energy emitted by the eardrum. A built-in lens focuses the collected energy, which is then converted into a temperature reading by the thermopiles and measurement circuits.

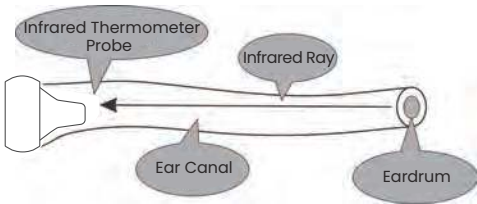


Figure 2

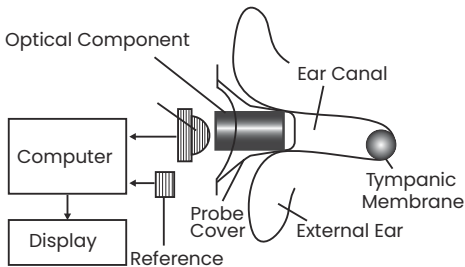


Figure 3

■ INTENDED USE

The infrared thermometer is intended to measure human body temperature of people over three months old from the eardrum or forehead. It is indicated to be used in homecare and healthcare environments.

■ CONTRAINDICATIONS

Do not use the thermometer if the ear is infected with otitis or suppuration.

HOW TO USE

■ PREPARATION BEFORE USE

1. App

Before using the infrared thermometer, download and install the FondCircle® app. Always use the latest version of the app. You can download it from Google Play or the App Store.

2. In order to Avoid Any Inaccuracy

- Only use the device indoors.
- Keep still when measuring.
- If the device is transferred from one condition to another with a different ambient temperature, let it rest for more than 30 minutes.
- If the tester is transferred from one condition to another with a different ambient temperature, let it rest for more than 10 minutes.
- Do not hold the device for a long time, as it is highly sensitive to heat.
- The device has undergone clinical testing. It is safe and accurate when using in accordance with operation manual.

■ MEASURING FOREHEAD TEMPERATURE

- When using the thermometer for the first time, insert the batteries.
- Press and release the measure button for one second to power on. Press the mode button to choose  or . Point the temperature probe at the center of the forehead, with a distance of 0-3 cm (0-1.18 in).
- Press and release the measure button for one second. Once the beep is heard, you can now read the value.



Note:

The forehead measurement is an indicative reading. The measured forehead temperature can fluctuate up to 1°F/0.5°C from your actual body temperature accuracy as described.

⚠ If the eyebrow area is covered with hair, sweat or dirt, clean the area beforehand to improve the reading accuracy.

⚠ Always check if the lens is clean.

⚠ Always make sure the user and the thermometer have been in the same room for at least 30 minutes prior to the measurement.

■ MEASURE EAR TEMPERATURE

- Press the measure button to power on.
- Press the mode button to choose  and take off the probe cover. (If the probe cover is on, the device will automatically switch to forehead mode.) Fit the probe snugly in the ear canal.
- Press and release the measure button for one second. Once the beep is heard, you can now read the value.



⚠ Make sure that the ear is clean, with no earwax or obstructions.

⚠ The right ear reading may differ from the reading taken at the left ear. Therefore, always take the temperature in the same ear.



Note:

Children under 1 year: Pull the ear straight back.
Children aged 1 year to adult: Pull the ear up and back.

⚠ Do not force the thermometer into the ear canal. Otherwise, the ear canal may get injured.

⚠ When taking the temperature on an adult, gently pull the ear up and back to make sure the ear canal is straight, so that the temperature probe can receive an infrared ray from the eardrum.

⚠ Be careful when taking the temperature of a child, whose ear canal is small.

■ AFTER A MEASUREMENT

Once the reading has been completed, remove the thermometer away from the forehead/ear and observe temperature.

⚠ Do not hold the thermometer for a long time, because it is sensitive to the ambient temperature.

⚠ After each measurement, clean the

temperature probe with a soft cloth, and put the thermometer in a dry and well-ventilated place.

 You should wait at least 10 seconds between each measurement.

 It is dangerous to make a self-diagnosis or self treatment based on the obtained measurement results. For such purposes, please consult a doctor.

READING YOUR TEMPERATURE

T indicates a temperature reading.

• In forehead or ear mode

If $32^{\circ}\text{C} \leq T \leq 37.5^{\circ}\text{C}$ ($89.6^{\circ}\text{F} \leq T \leq 99.5^{\circ}\text{F}$), the green light will be displayed, with one long beep.

If $37.6^{\circ}\text{C} \leq T \leq 38.0^{\circ}\text{C}$ ($99.7^{\circ}\text{F} \leq T \leq 100.4^{\circ}\text{F}$), the orange light will be displayed with 6 short beeps, which is a warning that you may have a low fever.

If $38.1^{\circ}\text{C} \leq T \leq 42.9^{\circ}\text{C}$ ($100.6^{\circ}\text{F} \leq T \leq 109.2^{\circ}\text{F}$), the red light will be displayed with 6 short beeps, which is a warning that you may have a high fever.

• In adjust mode

If $0^{\circ}\text{C} \leq T \leq 100^{\circ}\text{C}$ ($32.0^{\circ}\text{F} \leq T \leq 199.0^{\circ}\text{F}$), the white light will be displayed with one long beep.

This mode is not for human temperature measurement, for maintenance use only.

■ SWITCHING BETWEEN MUTE AND UNMUTE

When the thermometer is turned on, keep pressing the mute/unmute button for 5 seconds, to switch between unmute and mute.

■ °C/°F CONVERSION

Open the battery cover, and use the toggle switch to change from °C to °F.

■ AUTOMATIC TURN OFF

The unit will shut down automatically after 60 ± 10 seconds of no use.

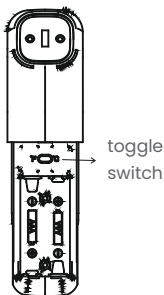
⚠ Caution

All memory records will be lost when the battery is removed.

■ BATTERY REPLACEMENT

Put two AAA batteries correctly into the compartment.

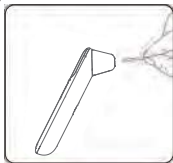
⚠ Remove the batteries if the thermometer will not be used for more than two months.



CARE AND CLEANING

The probe tip and lens are the most delicate part of the thermometer. It has to be clean and intact to ensure accurate readings. Use an alcohol wipe or cotton swab moistened with 70% alcohol to clean the thermometer casing and the measuring probe. After the alcohol has completely dried out, you can take a new measurement.

Ensure that no liquid enters the interior of the thermometer. Never use abrasive cleaning agents, thinners or benzene for cleaning and never immerse the instrument in water or other cleaning liquids. Take care not to scratch the surface of the LCD screen.



ERRORS AND TROUBLESHOOTING

Symptom	Possible Cause	Description & Solution
Failed to power on	The battery level is too low.	Replace with a new battery.
	Polarities of the batteries are reversed.	Ensure the batteries are in the right position.
	The thermometer is damaged.	Contact dealer.
The reading is too low	The lens of the probe is dirty.	Clean the lens with a cotton swab.
	The distance of the item and target is too far.	Keep in contact with forehead, or put the probe into the ear canal.
	You have just come from a cold environment.	Stay in a warmer room for at least 30 minutes before taking a reading.
The reading is too high	You have just come from a hot environment.	Stay in an adequately cool room for at least 30 minutes before taking a reading.
	The ambient temperature is not in range.	One long beep and red backlit for 3 seconds; Take a measurement under an ambient temperature between 10°C (50°F) and 40°C (104°F).
	Memory error or calibration is not finished. Item will be turned off automatically after 3 seconds.	One long beep and red backlit for 3 seconds; Contact dealer.

Symptom	Possible Cause	Description & Solution
	In ear or forehead mode, $T > 42.9^{\circ}\text{C}$ (109.2°F) In adjust mode, $T > 100^{\circ}\text{C}$ (199°F).	One long beep, the screen will be displayed in red.
	In ear or forehead mode, $T < 32^{\circ}\text{C}$ (89.6°F) In adjust mode, $T < 0^{\circ}\text{C}$ (32°F).	One long beep, the screen will be displayed in red.
	The power voltage is between 2.4V–2.7V.	The battery is low, but you still can use the thermometer.
	The power voltage is lower than 2.4V.	The battery icon will flicker and the device will be turned off automatically after 3 seconds. Replace with a new battery.

SPECIFICATIONS

Applicable Regulations and Laws	ASTM E 1965-98
	ASTM E 1965-98
Temperature Units	°C/°F
Measurement Range	Measurement Mode: 32-42.9°C (89.6-109.2°F) Direct Mode: 0-100°C (32-199°F)
Measuring Accuracy (Laboratory)	Measurement Mode: $\pm 0.2^{\circ}\text{C}/\pm 0.4^{\circ}\text{F}$ Direct Mode: $\pm 1.0^{\circ}\text{C}/\pm 2.0^{\circ}\text{F}$
Display	Segment LCD, four color LED backlight (white, green, orange, red)
Display Resolution	0.1°C/°F
Auto Power-off	60±10 seconds
Operating Conditions	Temperature: 10-40°C (50-104°F) Humidity: 15-95% RH, non-condensing Atmospheric Pressure: 70-106 kPa
Storage & Transportation Conditions	Temperature: -20-55°C (-4-131°F) Humidity: 0-95% RH, non-condensing Atmospheric Pressure: 50-106 kPa
Power Supply	2 1.5V AAA batteries
Device Dimensions	143 × 35 × 41 mm
Weight	Approx. 60 g (excluding battery)

■ ESSENTIAL PERFORMANCE

1. Measurement Range (Blood Pressure):

- Measurement Range: 32.0–42.9°C (89.6–109.2°F)
- Accuracy: $\pm 0.2^{\circ}\text{C}$ ($\pm 0.4^{\circ}\text{F}$)

2. Statement:

- The clinical accuracy or clinical deviation of the medical infrared frontal thermometer has been clinically verified and can be obtained by contacting the manufacturer.
- The infrared thermometer using Bluetooth 4.0 technology, transmitting and receiving frequencies of 2402–2480MHz, modulation type GFSK, effective radiation power of 2.79dBm.

STORAGE AND TRANSPORTATION CONDITIONS

- The product should be stored in a clean room that is protected from light, rodents, fire, and insects, with good ventilation and no corrosive gas.
- Storage Temperature Range: $-20-55^{\circ}\text{C}$ ($-4-131^{\circ}\text{F}$)
Relative Humidity: 0-95% RH, non-condensing
Atmospheric Pressure: 50-106kPa
- The product should be protected from heavy pressure, direct sunlight, and rain when transporting.
- To extend the life of your thermometer, avoid extreme heat, cold, solvents and oils.
- Failure to follow care and maintenance recommendations could result in damage to the internal components of the FondCircle Infrared Thermometer. Internal damage could cause malfunction of the product.
- If you experience any problems with the thermometer, do not attempt to repair it yourself. Please notify our Customer Service Team for directions on shipping and receiving.

DISPOSAL

In order to minimize hazards to health and the environment and ensure that materials can be recycled, this product should be disposed of at a separate collection facility for waste electrical and electronic device according to local environmental requirements.

- For disposing of batteries, refer to the local environmental law.
- Take out the batteries if you are not going to use the unit for a long time.

EMC GUIDANCE

Appendix: EMC Information–Guidance and Manufacturer’s Declarations:

WARNING

- Don’t near active HF surgical equipment and the RF shielded room of an ME system for magnetic resonance imaging, where the intensity of EM disturbances is high.
- Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.
- Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.”
- Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the equipment, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

NOTICE

- If users or patients have occurred any serious incident that relation to the device, please report to manufacturer and the competent authority of the Member State in which you are established.

 CAUTION

- The FondCircle Infrared Thermometer needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided for in the ACCOMPANYING DOCUMENTS.
- Portable and mobile RF communications equipment can affect Infrared Thermometer.
- The Infrared Thermometer should not be used adjacent to or stacked with other equipment. Guidance and manufacturer’s declaration–electromagnetic emission–for all EQUIPMENT AND SYSTEMS.

Electromagnetic Emissions

Guidance and Manufacturer's Statement Electromagnetic Emission	
The FondCircle Infrared Thermometer is intended for use in the electromagnetic environment specified below. The customer or the user of the FondCircle Infrared Thermometer should assure that it is used in such an environment.	
Emission test	Compliance
RF emissions CISPR 11	Group 1
RF emissions CISPR 11	Class B

Harmonic emissions IEC 61000-3-2	Not applicable
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Not applicable

Electromagnetic Emissions

Guidance and Manufacturer's Declaration Electromagnetic Immunity		
The FondCircle Infrared Thermometer is intended for use in the electromagnetic environment specified below. The customer or the user of the FondCircle Infrared Thermometer should assure that it is used in such an environment.		
Immunity Test	VIEC 60601-1-2 Test Level	Compliance Level
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air	±8 kV contact ±2 kV, ±4 kV, ±8 kV, ±15 kV air
Electrical fast transient/burst IEC 61000-4-4	Not applicable	Not applicable
Surge IEC 61000-4-5	Not applicable	Not applicable
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	Not applicable	Not applicable
Power frequency magnetic field IEC 61000-4-8	30 A/m 50Hz / 60Hz	30 A/m 50Hz / 60Hz
Conducted RF IEC61000-4-6	Not applicable	Not applicable

Radiated RF IEC61000-4-3	10 V/m 80 MHz - 2,7 GHz 80 % AM at 1 kHz	10 V/m 80 MHz - 2,7 GHz 80 % AM at 1 kHz
NOTE U_r is the a.c. main voltage prior to application of the test level		

Electromagnetic Immunity

Guidance and Manufacturer's Declaration: Electromagnetic Immunity							
The FondCircle Infrared Thermometer is intended for use in the electromagnetic environment specified below. The customer or the user of the FondCircle Infrared Thermometer should assure that it is used in such an environment.							
Test Frequency (MHz)	Band (MHz)	Service	Modulation	Maximum Power (W)	Distance (m)	IEC 60601-1-2 Test Level (V/m)	Compliance level (V/m)
385	380-390	TETRA 400	Pulse modulation 18 Hz	1.8	0.3	27	27
400	430-470	GMRS 460 FRS 460	FM± 5 kHz deviation 1 kHz sine	2	0.3	28	28
400	430-470	GMRS 460 FRS 460	FM± 5 kHz deviation 1 kHz sine	0.2	0.3	9	9

710	704-787	LTE Band 13,17	Pulse modulation 217 Hz	2	0.3	28	28
745							
780							
810	800-960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation 18 Hz	2	0.3	28	28
870							
930							
810	1700-1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1,3,4, 25; UMTS	Pulse modulation 217 Hz	2	0.3	28	28
870							
930							
2450	2400-2570	Bluetooth, WLAN 802.11 b/g/n, RFID 2450	Pulse modulation 217 Hz	2	0.3	28	28
		LTE Band 7					

5240	5100-5800	WLAN 802.11a/n	Pulse modulation 217 Hz	0.2	0.3	9	9
5500							
5785							
Radiated RF IEC61000-4-3 (Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment)							

Guidance and Manufacturer's Declaration: Electromagnetic Immunity				
Radiated RF IEC61000-4-39 (Test specifications for ENCLOSURE PORT IMMUNITY to proximity magnetic fields)	Test Frequency	Moduation	IEC 60601-1-2 Test Level (Am)	Compliance level (Am)
	30 kHz	CW	8	8
	134.2 kHz	Pulse modulation 2.1 kHz	65	65
	13.56 kHz	Pulse modulation 50 kHz	7.5	7.5

WARRANTY AND CUSTOMER SUPPORT

Warranty

The device is covered by a 12-month warranty from the date of purchase, subject to the following terms and conditions.

The warranty does not cover:

- The batteries, packaging, or any other consumables.
- Damage resulting from improper use, including but not limited to:
 - Unauthorized disassembly or modification of the device.
 - Accidental dropping or impact during use or transportation.
 - Failure to follow the instructions provided in the user manual.

To claim warranty service, users must provide proof of purchase and comply with the terms outlined in the user manual.

Customer Support:

 Email: support@fondcircle.com

 Tel: 1-877-899-7770 (US)
(Mon-Fri, 8:00 AM-5:00 PM PST)

 Web: www.fondcircle.com



WARNING:

This product can expose you to chemicals including lead, which is known to the State of California to cause cancer, and Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm.

For more information go to www.P65Warnings.ca.gov.

Manufactured for FondCircle Inc.

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Newport Beach, CA 92660

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RoHS