18. ABOUT US

Driven by the passion for innovation, we at Dr Trust endeavour to provide our customers with the latest medical inventions with an objective to promote good health and wellness all around the world. All the medical devices and health monitors provided by Dr Trust are supported by accurate, latest and ground breaking technologies, innovated at our headquarters in NY, USA. All our products adhere to the most stringent CE and FDA guidelines and are strongly recommended by doctors and health practitioners. Our products are designed in the utmost exemplary ways to ensure that their accuracy and convenience are unrivalled. The ease of their use and operation makes them even more suitable for users of all age groups.

Dr Trust strives to enhance the quality of lifestyle by providing with the most trusted and innovative health care and wellness products. Being a renowned global leader in health care products, Dr Trust ensures that our technically efficient team works dynamically and tirelessly to provide the best of the medical devices to our clients. The products that we have to offer are suitably designed for use at homes, laboratories and hospitals.
Our ground breaking solutions allow you to monitor your health in the easiest ways possible. In today's era when all of our lives are too hassled to handle, it becomes a bit difficult to pay attention to our health. But it has now become easier with the coming of the monitoring devices which can be conveniently used at homes and even on the go.

We bring to you a variety of best self medical devices, trusted and used by Doctors, medical professionals and home users all over the world.

Homedoc
Ear and Forehead Thermometer 602

USER INSTRUCTIONS

Dear customer, thank you for purchasing Dr Trust Homedoc Ear and Forehead Thermometer. It is designed to measure the human body temperature by detecting infrared energy emitted from the forehead or the eardrum. In order to get accurate readings, please read the manual before using. Also, keep this manual for future reference so that you may read it at any time when necessary.

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1. PRODUCT DESCRIPTION

1.1. Introduction

Dr Trust Homedoc Ear and Forehead Thermometer is a dual temperature mode (Â°F / Â°C) thermometer. It measures the body temperature based on detecting the infrared energy emitted from the eardrum or the forehead. Users can quickly get measurement results after positioning properly the temperature probe in the ear canal or on the forehead. The operation of this thermometer is very simple. It can be operated through a power button that is present on the top of the device just below the large size LED screen. The LED screen displays measurements in large size digits which are easy to read even in dark conditions. Also, there are 3 colour codes to indicate different temperatures of fever.

Note:
- At the end of the temperature measurement, the buzzer gives a 'beep' cue.
- Ear temperature measurement can only be applied to people who are over 3 months old.

1.2. Normal Body Temperature Range

Normal body temperature has a range. The following table shows that this normal range also varies by measuring different sites. Therefore, readings from different site should not be directly compared. Tell your doctor what type of thermometer you have used and what part of body you have measured. Also keep this in mind if you are diagnosing yourself.

Measuring site	Normal range of temperature
Forehead	36.1°C to 37.5°C (97.0°F to 99.5°F)
Ear	35.8°C to 38.0°C (96.4°F to 100.4°F)
Mouth	35.5°C to 37.5°C (95.9°F to 99.5°F)
Anus	36.6°C to 38.0°C (97.9°F to 100.4°F)
Axilla	34.7°C to 37.3°C (94.5°F to 99.1°F)

1.3. Intended Use

The multifunctional infrared thermometer is intended for measuring the human body temperature, it has two measurement modes;
The forehead mode: Indicated for people of all ages.
The ear mode: Indicated for people above three months old.

2. WORKING PRINCIPLE

The Dr Trust Homedoc Ear and Forehead Thermometer is intended for the measurement of human body temperature. Its sensor collects infrared energy emitted by the eardrum in the ear canal or the skin of forehead. After being focused by a lens, the infrared energy is converted into a temperature reading by the thermopiles and measurement circuits.

Note:
- The forehead mode is indicated for people of all ages and the eardrum mode is indicated for people above three months old.

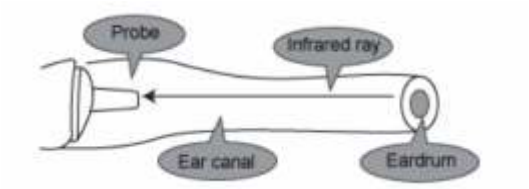

Fig. 1

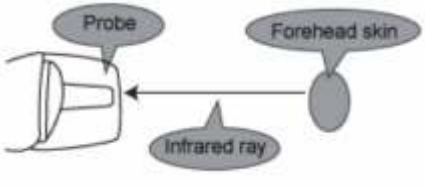

Fig. 2

Caution

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

3. KEY FEATURES

- Unique and appealing design and shape
- Infrared technology measures temperature
- Quick measurement, shows results in 1 second
- Simple operation just by the Push of a Button
- Auto power shut off in 30±1 seconds without operation
- Accurate, reliable with low battery consumption
- Useful for babies, adults, and senior citizens
- Dual Temperature Modes – Â°F / Â°C
- Two operation modes - forehead and ear measurement mode
- 32 sets of memory are easy to recall
- Turn on or off the beep or sound function
- Lighting an orange LED, intelligent low fever alarm
- Lighting a red LED, intelligent high fever alarm
- Automatic shutdown makes it energy saving

4. STRUCTURE & COMPONENTS

4.1. Body Parts

The infrared thermometer consists of a shell, a LED display screen, a button, a buzzer/speaker/vibration motor, a probe with infrared sensor inside, a microprocessor, a circuit board and measuring software.

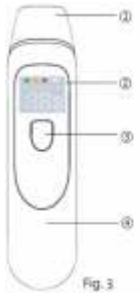

Fig. 3

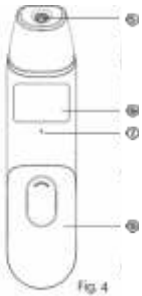

Fig. 4

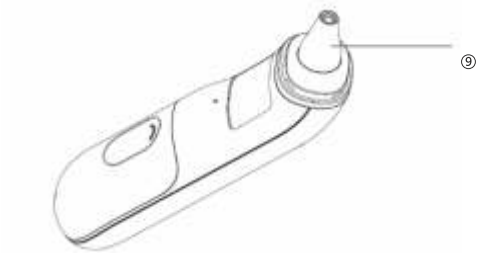

Fig. 5 (remove probe cover)

① Probe cover (remove it when measuring ear temperature)

② LED display screen

③ Power/Measure/Set button

④ Top Cover

⑤ Infrared sensor

⑥ Label

⑦ Buzzer/Speaker hole

⑧ Battery cover

⑨ Probe

4.2. LED Display Description

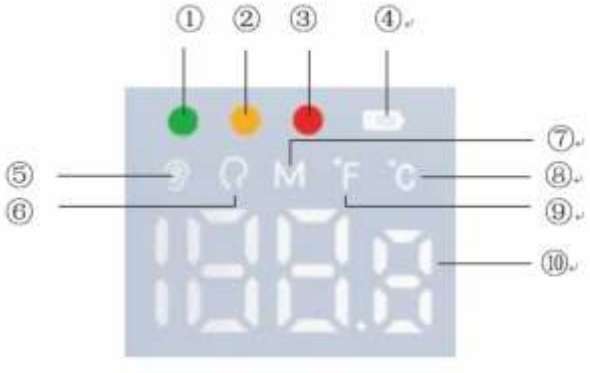

Fig. 6

① Green status light
② Orange status light
③ Red status light
④ Low battery indicator
⑤ Ear temperature mode
⑥ Forehead temperature mode
⑦ Memory mode
⑧ Degree Celsius
⑨ Degree Fahrenheit
⑩ Temperature value

5. WARNINGS AND PRECAUTIONS

1) Keep the thermometer out of reach of children under 12 years.
2) Never immerse the thermometer into water or other liquids (not waterproof).
3) For cleaning and disinfecting please follow the instructions shared in the "Care and Cleaning" section.
4) Never use the thermometer for purposes other than those it has been intended for.
5) Please follow the general safety precautions when using on children.
6) Keep the thermometer away from direct exposure to the sun.
7) Keep it in a dust- free, dry and a well-ventilated place at a temperature between 10°C (50°F)-40°C (104°F).
8) Do not use the thermometer in high humidity environment.
9) Do not use the thermometer if there are signs of damage on the measuring sensor or on the instrument itself.
10) Do not drop the thermometer as consists of high-quality precision parts.
11) Protect it from severe impact and shock.
12) Do not twist the instrument or the measuring sensor.
13) If damaged, do not attempt to repair the instrument on your own.
14) This thermometer is not intended for pre-term babies.
15) Do not allow children to take their temperatures unattended.
16) Use of this thermometer is not intended as a substitute for consultation with your physician or pediatrician. It is for household use only.
17) Clean the thermometer probe after each use.
18) Do not use the thermometer on newborns.
19) Do not use it for continuous temperature monitoring purposes.
20) Do not take a measurement while or immediately after nursing a baby.
21) Patients should not drink, eat, or be physically active before/while taking the measurement.

Caution

When You Need to Receive Medical Attention

1. Please consult your doctor if you see symptoms such as unexplained irritability, vomiting, diarrhea, dehydration, changes in appetite or activity, seizure, muscle pain, shivering, stiff neck, pain when urinating, etc
2. People who are on antibiotics, analgesics, or antipyretics should not be assessed solely on temperature readings to determine the severity of their illness. Even in the absence of fever, you may still need to receive medical attention.
3. Temperature elevation may signal a serious illness, especially in adults who are old, frail, have a weakened immune system, or neonates and infants.
4. Please seek professional advice immediately when there is a temperature elevation and if you are taking temperature of whom are:

- Over 60 years of age (Fever may be blunted or even absent in elderly patients).
- Having diabetes mellitus or a weakened immune system (e.g., HIV positive, cancer, chemotherapy, chronic steroid treatment, splenectomy).
- Bedridden (e.g., nursing home patient, stroke, chronic illness)
- A transplant patient (e.g., liver, heart, lung, kidney).

6. HOW TO USE THE THERMOMETER

The Homedoc Ear and Forehead Thermometer is lightweight, gentle and easy to use. When using the thermometer for the first time, please check the batteries and press the Power button to check if it is ready for use.

6.1. Forehead Temperature Measurement

- Press the power button to power on.
- Keep in contact the thermometer probe at the middle of forehead.
- Press and release the button to the temple when the beep is heard.
- In 1 second, the body temperature is shown on the LED display.

Fig 7

In Forehead Mode, the symbol shows on screen.

NOTE

- Always check if the lens is clean.
- Always make sure the user and the thermometer will have been in the same room for at least 30 minutes prior to the measurement.
- The normal temperature range on the forehead is approximately between 35.4 °C and 37.4 °C.
- If the eyebrow area is covered with hair, sweat or dirt, please clean the area beforehand to improve the reading accuracy.
- 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. Please be aware of the factors that influence the accuracy as described in the section "Temperature taking tips" and "WARNINGS AND PRECAUTIONS".

6.2. Ear Temperature Measurement

- Take off the probe cover.
- Press the power button to power on.
- Insert the probe into the ear canal.
- Press & release the power button in 1 second with the beep sound.
- The body temperature is shown on the LED display.

Fig. 8

In Ear Mode, the symbol shows on screen.

Safety Measures

- Be careful when taking temperature on a child, whose ear canal is small.
- Do not force the thermometer into the ear canal. Otherwise, the ear canal may get injured.
- Children aged 1 year to adult: Pull the ear up and back.

- 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.

Note

- The normal ear temperature range is approximately between 35.5 °C and 37.7 °C.
- Please make sure that the ear is clean, with no earwax or obstructions.
- Insert the probe straight into the ear canal.
- The right ear reading may differ from the reading taken at the left ear. Therefore, always take the temperature in the same ear.
- It is important to point the probe lens of the ear thermometer toward the eardrum and its periphery inside the ear.
- To straighten the ear canal, gently pull on the outer ear in the direction of the rear of the head.
- Each ear canal has a slightly different shape, be sure to check it before taking temperature readings.

6.3. Recall 32 Sets of Memory Data

The thermometer can store 32 sets of measurement data, when the data is full, the last one will always replace the first one. If you want to review the previous measurement data, in the state of Thermometer shutdown;

- Press the setting button for about 3 seconds until you see the 'M' symbol Flicker on the screen, then release the button.
- Press the button, you can see the number '1' appears on the right side of screen, it means the first memory, then the number '1' disappears quickly and pop up the first remembered temperature value.
- Press the button one by one, so you can see all the remembered temperature values in turn for all of memories.
- After reviewing the memory data, press the button for about 5 seconds, thermometer will shut down and save the setting automatically.

6.4. °C and °F Conversion

If you want to convert ℃ to ℉ or ℉ to ℃, in the state of thermometer shutdown;

- Press the Setting button for about 6 seconds until you see the '℃' symbol or the '℉' symbol flicker on the screen, then release the button.

- Press the button again, then the ℃ symbol or the ℉ symbol will be converted to another.
- Don`t release the button when “M” Symbol appears, only release when “C” or “F” appearing.
- After unit conversion, press the button for about 5 seconds, thermometer will shut down and save the setting automatically.

6.5. Turn ON/OFF the Buzzer

The Homedoc Ear and Forehead Thermometer uses a buzzer to ‘beep’, to interact with users at the end of the measurement. If you want to turn on or off the buzzer, in the state of thermometer shutdown;

- Press the setting button for about 9 seconds until you see the ‘ON’ symbol or the ‘OFF’ symbol appears on the screen.
- Release the button and press the setting button again, then the ‘ON’ symbol or the ‘OFF’ symbol will be converted to another.
- After selection, press the button for about 5 seconds, the thermometer will shut down and save the setting automatically.

6.6. Set Threshold for Low Fever

This thermometer has preset 37.5℃/99.5℉ as an alarm temperature for low fever. However, 37.5℃/99.5℉ is only a reference value. At this temperature, different people feel different, some feel uncomfortable, but others feel fine. If you don’t agree with this low fever threshold, you can manually change it to suit your own situation after consulting your doctor.

- In the state of shutdown, hold pressing the Setting button for 12 seconds until you see the orange status light on the screen, release the button. (Note: Ignore the other symbols that appear in the process).
- Keep pressing the Set button to increase the threshold (every time 0.1℃/0.2℉ threshold will increase). The adjustment range is from 37.5℃/99.5℉ to 37.9℃/100.2℉.
- Once it reaches the Max. value, press the button again, it will go back to the Min. value, then repeat the cycle.
- After setting, press the button for about 5 seconds, the thermometer will shut down and save the setting automatically.

6.7. Set Threshold for High Fever

This thermometer has preset 38.0℃/100.4℉ as an alarm temperature for high fever. However, 38.0℃/100.4℉ is only a classic reference value.

At this temperature, different people feel different, some feel bad, but others feel not too bad. If you don’t agree with this high fever threshold, you can manually change it to suit your own situation after consulting your doctor.

6.8. Turn off

When the thermometer is turned on, the thermometer will shut down automatically after it is not used for 30 seconds. You can hold down the Power button for 5 seconds to shut down the thermometer manually.

6.9. Battery Replacement

When the low battery indicator is lighting on the screen;

- Open the battery cover to take out two old batteries with insufficient power.
- Mount two new AAA batteries into the battery bin according to the marked polarity symbols.
- Close the battery cover, the thermometer can be restored to normal use.

Caution

Take out the batteries if the thermometer will not be used for more than one month.

7.TIPS TO MAKE CORRECT TEMPERATURE MEASUREMENTS

- It is important to know everyone’s normal temperature when they are well. This is the only way to accurately diagnose a fever.
- Record readings twice a day (early morning and late afternoon). Take the average of the two temperatures to calculate normal oral equivalent temperature.
- Always take the temperature in the same location, since the temperature readings may vary from different locations on the forehead.
- A child’s normal temperature can be as high as 99.9°F (37.7)ºC or as low as 97.0°F (36.1)ºC. Please note that this unit reads 0.5ºC (0.9°F) lower than a rectal digital thermometer.
- Holding the thermometer for too long in the hand before taking a measurement can cause the device to warm up. This means the measurement could be incorrect.

- Patients and the thermometer should stay in steady-state room condition for at least 30 minutes.
- Before placing the thermometer sensor onto the forehead, remove dirt, hair, or sweat from the forehead area.
- Wiping the forehead with a warm or cool cloth may impact your reading. It is advised to wait 10 minutes before taking a reading.
- Use an alcohol swab to carefully clean the sensor and wait for 5 minutes before taking a measurement on another patient.

8. MULTI MEASUREMENTS REQUIREMENTS

In the following situations 3-5 measurements recommended to be taken in the same location. The highest one is the standard reading.

- Newborn infants in the first 100 days.
- Children under three years of age with a compromised immune system and for whom the presence or absence of fever is critical.
- When the user is learning how to use the thermometer for the first time until he/she has familiarized himself/herself with the instrument and obtains consistent readings.

9. KEY FACTORS THAT INFLUENCE EAR TEMPERATURE READINGS

Some external factors that may influence ear temperature, include:

- been lying on one ear or the other
- had their ears covered
- been exposed to very hot or very cold temperatures, or
- been recently swimming or bathing

Cautions

- In these cases, remove the individual from the situation and wait 20 minutes prior to taking a temperature reading.
- Use the untreated ear if prescription ear drops or other ear medications have been placed in the ear canal.

10. MAINTENANCE AND CARE

10.1. Maintenance

- 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 LED screen.
- Keep water off the infrared sensor lens during the cleaning process. Otherwise, the lens may be damaged.
- The infrared sensor lens may be scratched if it is cleaned with a piece of tissue paper, resulting in inaccurate readings.

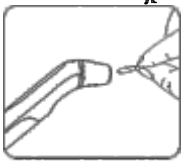

Fig. 9

10.2. Disinfection

For disinfection, use an alcohol swab or cotton swab moistened with 75% alcohol to clean the thermometer casing and the measuring probe. After the alcohol has completely dried out, you can take a new measurement.

10.3. Storage

1) Store the thermometer in a dry, dust free, and well-ventilated place.
2) Ensure that the thermometer is not exposed to sunlight.
3) Ensure that the storage and transportation environments meet the requirements.
4) Check whether safety risks exist on a regular basis.
5) Remove the batteries if the thermometer will not be used for more than one month.

Cautions

- Do not use hot steam or ultraviolet radiation for disinfection. Otherwise, the thermometer may be damaged or quickly aged.
- Do not touch the infrared sensor lens with hard objects.
- Do not allow any liquid to enter the thermometer.

11. TROUBLESHOOTING

Symptom	Possible Cause	Solution
Failed to power on	The battery level is too low	Replace new batteries.
	Polarities of the batteries are reversed	Ensure the batteries are mounted right.
	The thermometer is damaged	Contact the dealer or manufacturer.

Reading is too low	The infrared sensor lens of the probe is dirty	Use cotton swabs dipped in anhydrous ethanol to clean infrared sensor lens.
	The distance between the probe and the target under test is too far	Let the probe cover touch your forehead, or put the probe into your ear canal.
	You have just come from a cold environment	Stay in a room between 10.0℃/50.0℉ and 40.0℃/104.0℉ for at least 30 minutes before taking a temperature measurement.
Reading is too high	You have just come from a hot environment	Stay in a room between 10.0℃/50.0℉ and 40.0℃/104.0℉ for at least 30 minutes before taking a temperature measurement.
	You are exposed to hot air generated by an air conditioner or heater	Leave the environment for at least 30 minutes before starting to take your temperature.
	Low battery	Replace new batteries.
Hi	Temperature measured over 42.9℃/109.2℉	You and the thermometer should both stay in a room between 10.0℃/50.0℉ and 40.0℃/104.0℉ for at least 30 minutes before taking a temperature measurement. If the problem persists, contact the dealer or manufacturer.
Lo	Temperature measured below 32.0℃/89.6℉	You and the thermometer should both stay in a room between 10.0℃/50.0℉ and 40.0℃/104.0℉ for at least 30 minutes before taking a temperature measurement. If the problem persists, contact the dealer or manufacturer.
Err	Ambient temperature out of range	Place the thermometer in an ambient temperature range of 10.0℃/50.0℉ to 40.0℃/104.0℉ for at least 30 minutes. If the problem persists, contact the dealer or manufacturer.

12. SPECIFICATIONS

Product name	Dr. Trust Homedoc Ear & Forehead Thermometer
Applicable regulations and laws	ASTM E 1965 / EN12470-5 / GB/T 19146
Power supply	DC 3.0V (2 pcs of AAA battery)
Battery life	More than 2000 measurements
Low battery indicator	Appears on screen when the voltage is below 2.6V±0.1V
Measurement mode	Forehead, ear
Measurement time	1s
Temperature units	℃ & ℉, convertible
Measurement range	32.0℃/89.6℉ to 42.9℃/109.2℉
Accuracy	±0.2℃/0.4℉
Display resolution	0.1℃/℉
Automatic shutdown	30s±1s
Memory	32 sets of measurement
Operation environment	Temperature: 10.0℃/50.0℉ ~ 40.0℃/104.0℉ Humidity: 20%-85% RH, non-condensing Atmospheric pressure:86kPa ~ 106kPa
Storage & shipping environment	Temperature: -20℃/-4℉ ~ 55℃/131℉ Humidity: 20%-93% RH, non-condensing Atmospheric pressure:86kPa ~ 106kPa
Date of manufacture	See the label
Life	5 years
Net weight	70g (Not include battery)
Dimension	155mm×38mm×45mm

13. AFTER-SALE SERVICE

Application for repairing should be presented during the warranty period. The damage caused by improper use is not under warranty scope. Batteries and packaging are not under warranty scope as well.

14. DECLARATION

EMC of this product complies with IEC60601-1-2 standard. The materials which the user can come into contact have no toxicity and no action on tissues comply with ISO10993-1, ISO10993-5 and ISO10993-10.

14.1 Appendix A: EMC Information - Guidance and Manufacturer's Declaration

Cautions

- 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

Guidance and manufacturer' s declaration - electromagnetic emission		
The Infrared Thermometer is intended for use in the electromagnetic environment specified below. The customer or the user of the Infrared Thermometer should assure that it is used in such an environment.		
Emissions test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Group 1	The Infrared Thermometer uses RF energy only for its internal function. Therefore, its RF emissions are very low and not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The Infrared Thermometer is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.

Guidance and manufacture's declaration - electromagnetic immunity - for all EQUIPMENT and SYSTEMS

Guidance and manufacturer' s declaration - electromagnetic immunity			
The Infrared Thermometer is intended for use in the electromagnetic environment specified below. The customer or the user of the Infrared Thermometer is should assure that it is used in such an environment.			
Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
Electrostatic discharge (ESD) IEC 61000-4-2	±6KV contact ±8KV air	±6KV contact ±8KV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

Guidance and manufacturer's declaration - electromagnetic immunity - for EQUIPMENT and SYSTEM that are not LIFE-SUPPORTING

Guidance and manufacturer' s declaration - electromagnetic immunity			
The Infrared Thermometer is intended for use in the electromagnetic environment specified below. The customer or the user of the Infrared Thermometer is should assure that it is used in such an environment.			
Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
Radiated RF IEC 61000-4-3	3 V/m 80 MHz To 2.5 GHz	3 V/m	Portable and mobile RF communications equipment should be used no closer to any part pf the AT-FR401
			Infrared Thermometer, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance $d = \left[\frac{3.5}{V1}\right]\sqrt{P}$ $d = \left[\frac{3.5}{E1}\right]\sqrt{P}$ 80 MHz to 800 MHz $d = \left[\frac{7}{E1}\right]\sqrt{P}$ 800 MHz to 2.5 GHz

	where p is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres(m). b Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, a should be less than the compliance level in each frequency range. b interference may occur in the vicinity of equipment marked with the following symbol: 

NOTE 1 At 80 MHz and 800 MHz,the higher frequency range applies.
NOTE 2 These guidelines may not apply in all situations. Electromagnetic is affected by absorption and reflection from structures, objects and people.

Field strengths from fixed transmitters, such as base stations for radio (cellular/ cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To asses the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the Infrared Thermometer should be observed to verify normal operation.If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the Infrared Thermometer. Over the frequency range 150 kHz to 80 MHz,field strengths should be less than 3 V/m.

Recommended separation distances between portable and mobile RF communications equipment and the EQUIPMENT or SYSTEM - for EQUIPMENT and SYSTEMS that are not LIFE-SUPPORTING

Recommended separation distances between portable and mobile RF communications equipment and the Infrared Thermometer.

The Infrared Thermometer is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the infrared thermometer can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment(transmitters) and infrared thermometer as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m		
	150 kHz to 80 MHz $d=\left[\frac{3.5}{V1}\right]\sqrt{P}$	80 MHz to 800 MHz $d=\left[\frac{3.5}{E1}\right]\sqrt{P}$	800 MHz to 2.5 GHz $d=\left[\frac{7}{E1}\right]\sqrt{P}$
0.01	/	0.12	0.23
0.1	/	0.38	0.73
1	/	1.2	2.3
10	/	3.8	7.3
100	/	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts(W) according to the transmitter manufacturer.
NOTE 1 At 80 MHz and 800 MHz,the separation distance for the higher frequency range applies.
NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures,objects and people.

15. PACKAGE CONTENTS

No.	Name	Quantity
1	Infrared Thermometer	1
2	Pouch	1
3	Battery (AAA, optional)	2
4	User Manual	1

17. CUSTOMER SUPPORT

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