SENTRY BT985

SENTRY BT985 Wireless Bluetooth Earbuds User Manual

Model: BT985

Introduction

Thank you for purchasing the SENTRY BT985 Wireless Bluetooth Earbuds. This manual provides detailed instructions on how to set up, operate, and maintain your earbuds to ensure optimal performance and longevity. Please read this manual thoroughly before using the product.

Important Safety Information

- Do not expose the earbuds to extreme temperatures, humidity, or corrosive substances.
- Avoid dropping or subjecting the earbuds to strong impacts.
- Do not disassemble or modify the earbuds. This will void the warranty.
- Keep out of reach of children.
- Use only the provided charging cable or a certified equivalent.
- Prolonged listening at high volume levels may cause hearing damage. Adjust volume to a moderate level.

Package Contents

Please check the package for the following items:

- SENTRY BT985 Wireless Bluetooth Earbuds (Left and Right)
- Charging Case
- USB Charging Cable
- User Manual (this document)

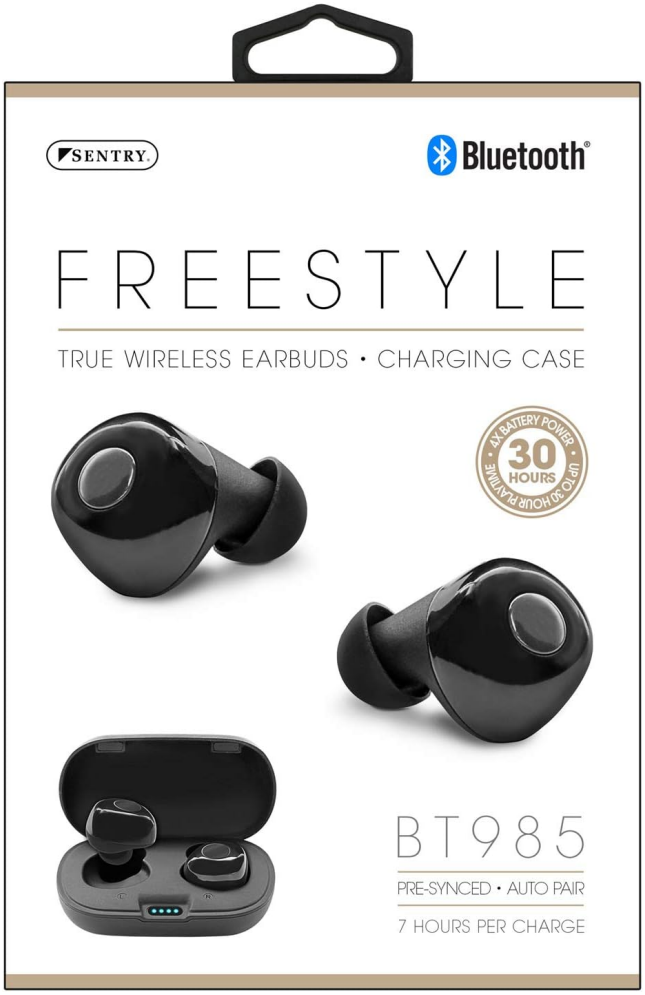


Image: The retail packaging for the SENTRY BT985 Wireless Bluetooth Earbuds, displaying the product name, model number, and key features.

Product Overview

Familiarize yourself with the components of your SENTRY BT985 Wireless Bluetooth Earbuds.

Image: A pair of SENTRY BT985 Wireless Bluetooth Earbuds, highlighting their compact and ergonomic design.

Earbuds:

- **Multi-function Button (MFB):** Located on the outer surface of each earbud, used for power, playback, calls, and voice assistant.
- **LED Indicator:** Shows pairing status, charging status, and power.
- **Microphone:** For hands-free calling.
- **Charging Contacts:** Connects with the charging case for power.

Charging Case:

- **Charging Port:** USB port for charging the case.
- **LED Battery Indicators:** Displays the charging status and battery level of the case.
- **Earbud Charging Slots:** Securely holds and charges the earbuds.

Image: The SENTRY BT985 Wireless Bluetooth Earbuds placed inside their open charging case, with the case's LED battery indicators illuminated.

Setup

1. Charging the Earbuds and Case

Before first use, fully charge both the earbuds and the charging case.

1. Place the earbuds into their respective slots in the charging case. Ensure the charging contacts align.
2. Connect the USB charging cable to the charging port on the case and the other end to a USB power source (e.g., computer, wall adapter).
3. The LED indicators on the charging case will illuminate to show charging status. The earbuds' LEDs will also indicate charging.
4. Once fully charged, the indicators will change or turn off. Disconnect the charging cable.

2. Pairing with a Bluetooth Device

The SENTRY BT985 earbuds are designed for easy pairing.

1. **Initial Pairing:**
   a. Open the charging case. The earbuds will automatically power on and enter pairing mode. The LED indicator on one earbud will flash rapidly (e.g., blue and red) to indicate it's ready to pair.
   b. On your device (smartphone, tablet, etc.), enable Bluetooth.
   c. Search for "BT985" in the list of available Bluetooth devices.
   d. Select "BT985" to connect. Once connected, the earbud LED will stop flashing or flash slowly (e.g., blue). You will hear a confirmation tone.
2. **Automatic Reconnection:**
   Once paired, the earbuds will automatically connect to the last paired device when taken out of the charging case, provided Bluetooth is enabled on the device and it is within range.
3. **Single Earbud Use:**
   Either earbud can be used independently. Simply take one earbud out of the case, and it will automatically enter pairing mode or connect to the last paired device.

Operating Instructions

The Multi-function Button (MFB) on each earbud controls various functions.

Power On/Off

- **Power On:** Open the charging case, or press and hold the MFB for 3 seconds.
- **Power Off:** Place the earbuds back into the charging case, or press and hold the MFB for 5 seconds.

Music Playback

- **Play/Pause:** Single press the MFB on either earbud.
- **Next Track:** Double press the MFB on the *right* earbud.
- **Previous Track:** Double press the MFB on the *left* earbud.
- **Volume Up:** Triple press the MFB on the *right* earbud.
- **Volume Down:** Triple press the MFB on the *left* earbud.

Call Management

- **Answer/End Call:** Single press the MFB on either earbud during an incoming call or during an active call.
- **Reject Call:** Press and hold the MFB for 2 seconds during an incoming call.

Voice Assistant

- **Activate Voice Assistant (Siri, Google Assistant, etc.):** Press and hold the MFB for 2 seconds when not on a call or playing music.

Maintenance

Proper care will extend the life of your SENTRY BT985 earbuds.

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the earbuds and charging case. Do not use harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the earbuds in their charging case to protect them and keep them charged. Store in a cool, dry place away from direct sunlight.
- **Battery Care:** To preserve battery life, charge the earbuds and case regularly, even if not used frequently. Avoid fully discharging the battery for extended periods.

Troubleshooting

If you encounter issues with your earbuds, refer to the following common solutions:

Problem	Possible Cause	Solution
Earbuds do not power on.	Low battery.	Charge the earbuds and charging case fully.
Earbuds do not pair with device.	Bluetooth is off on device; earbuds not in pairing mode; device too far.	Ensure Bluetooth is enabled. Place earbuds in case, close, then open to re-enter pairing mode. Move device closer to earbuds.
Only one earbud is working.	Earbuds not properly synced; one earbud has low battery.	Place both earbuds back into the charging case, close the lid, then open it again. Ensure both earbuds are charged.

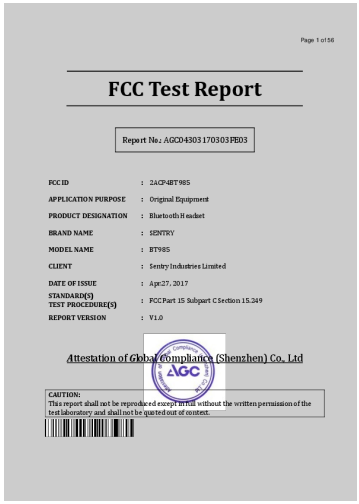
Sound is distorted or intermittent.	Interference; device too far; low battery.	Move closer to the paired device. Avoid strong electromagnetic interference. Charge earbuds.
Earbuds not charging.	Charging cable or port issue; dirty charging contacts.	Check charging cable and power source. Clean charging contacts on earbuds and case with a dry cotton swab.

Specifications

Feature	Detail
Model Name	Sentry BT985 Wireless Bluetooth Earbuds
Connectivity Technology	Wireless (Bluetooth)
Headphones Jack	USB (for charging case)
Included Components	Cable
Material	Plastic
Control Type	Media Control, Remote
Water Resistance Level	Water Resistant
Item Weight	6.5 ounces
Product Dimensions	8 x 5 x 1 inches
Manufacturer	Sentry Industries
Color	Black
Ear Placement	In Ear
Form Factor	In Ear
Noise Control	Sound Isolation

Warranty and Support

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official SENTRY website. Keep your proof of purchase for warranty claims.



Page 1 of 56

FCC Test Report

Report No.: AGC04303170303FE03

FCC ID	:	2ACP4BT985
APPLICATION PURPOSE	:	Original Equipment
PRODUCT DESIGNATION	:	Bluetooth H eadset
BRAND NAME	:	SENTRY
MODEL NAME	:	BT985
CLIENT	:	Sentry Industries Limited
DATE OF ISSUE	:	Apr.27, 2017
STANDARD(S) TEST PROCEDURE(S)	:	FCC Part 15 Subpart C Section 15.249
REPORT VERSION	:	V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd

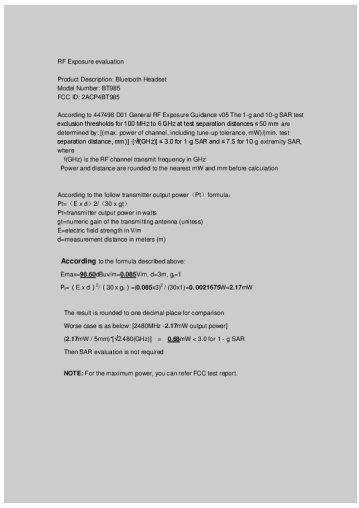
CAUTION:
This report shall not be reproduced except in full without the written permission of the test laboratory and shall not be quoted out of context.

[pdf] Decleration of Conformity Test Report

EMC COMPLIANCE TEST REPORT Simon Test Report Sentry Industries limited BT985 Bluetooth Headset 2ACP4BT985 bt985

FCC Test Report Page 1 of 56 Report No.: AGC04303170303FE03 FCC ID APPLICATION PURPOSE PRODUCT DESIGNATION BRAND NAME MODEL NAME CLIENT DATE OF ISSUE STANDARD S TEST PROCEDURE S REPORT VERSION : 2ACP4**BT985** : Original Equipment : Bluetooth Headset : SENTRY : **BT985** : Sentry Industries Limited : ...

lang:en score:30 filesize: 3.01 M page_count: 56 document date: 2017-05-08



RF Exposure evaluation

Product Description: Bluetooth Headset
Model Number: BT985
FCC ID: 2ACP4BT985

According to 447498 D01 General RF Exposure Guidance v05 The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by: [(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1 g SAR and ≤ 7.5 for 10 g extremity SAR, where
f(GHz) is the RF channel transmit frequency in GHz
Power and distance are rounded to the nearest mW and mm before calculation

According to the follow transmitter output power（Pt）formula:
Pt= (E x d) 2 / 30 x g)
Pt=transmitter output power in watts
g=numeric gain of the transmitting antenna (unitless)
E=electric field strength in V/m
d=measurement distance in meters (m)

According to the formula described above:
Emax=**90.60**dBuV/m=**0.085**V/m, d=3m, g=1:
Pt= (E x d) ^{2} / (30 x g) =**0.085**^{2} / (30x1)=**0. 0021675**W=**2.17**mW

The result is rounded to one decimal place for comparison
Worse case is as below: [2480MHz **-2.17**mW output power]
(2.17mW / 5mm)*(2.480(GHz)) = **0.86**mW < 3.0 for 1 - g SAR
Then SAR evaluation is not required

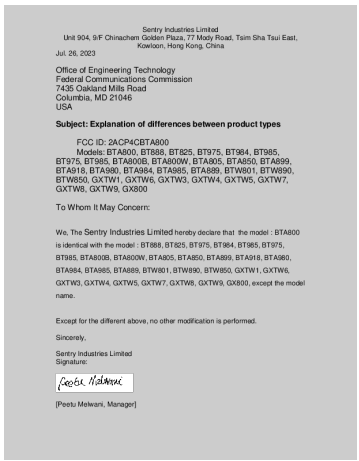
NOTE: For the maximum power, you can refer FCC test report.

[pdf] SAR Rating

USER RF Exposure Sentry Industries limited BT985 Bluetooth Headset 2ACP4BT985 bt985

RF Exposure evaluation Product Description: Bluetooth Headset Model Number: **BT985** FCC ID: 2ACP4**BT985** According to 447498 D01 General RF Exposure Guidance v05 The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances 50 mm are determined by: max. power of cha...

lang:en score:26 filesize: 158.55 K page_count: 1 document date: 2017-05-10



Sentry Industries Limited
Unit 904, 9/F Chinachem Golden Plaza, 77 Mody Road, Tsim Sha Tsui East, Kowloon, Hong Kong, China

Jul. 26, 2023

Office of Engineering Technology
Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046
USA

Subject: Explanation of differences between product types

FCC ID: 2ACP4CBTA800
Models: BTA800, BT888, BT825, BT975, BT984, BT985, BT975, BT985, BTA800B, BTA800W, BTA805, BTA850, BTA899, BTA918, BTA980, BTA984, BTA985, BTA889, BTW801, BTW890, BTW850, GXTW1, GXTW6, GXTW3, GXTW4, GXTW5, GXTW7, GXTW8, GXTW9, GX800

To Whom It May Concern:

We, The Sentry Industries Limited hereby declare that the model : BTA800 is identical with the model : BT888, BT825, BT975, BT984, BT985, BT975, BT985, BTA800B, BTA800W, BTA805, BTA850, BTA899, BTA918, BTA980, BTA984, BTA985, BTA889, BTW801, BTW890, BTW850, GXTW1, GXTW6, GXTW3, GXTW4, GXTW5, GXTW7, GXTW8, GXTW9, GX800, except the model name.

Except for the different above, no other modification is performed.

Sincerely,

Sentry Industries Limited
Signature:

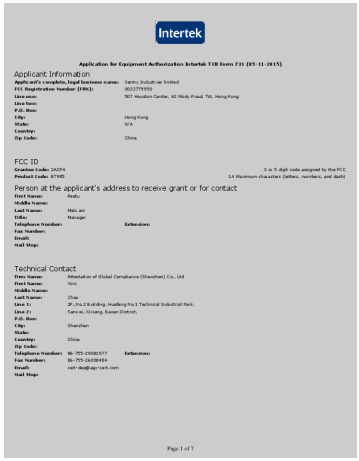
[Peetu Melwani, Manager]

[pdf]

Date gretchen Difference Description Sentry Industries limited CBTA800 2ACP4CBTA800 cbta800

Sentry Industries Limited Unit 904, 9/F Chinachem Golden Plaza, 77 Mody Road, Tsim Sha Tsui East, Ko ... differences between product types FCC ID: 2ACP4CBTA800 Models: BTA800, BT888, BT825, BT975, BT984, **BT985**, BT975, **BT985**, BTA800B, BTA800W, BTA805, BTA850, BTA899, BTA918, BTA980, BTA984, BTA985, BTA88...

lang:en score:25 filesize: 7.99 K page_count: 1 document date: 2023-08-07


Intertek

Application for Equipment Authorization Intertek TCB Form 731 (05-11-2015)

Applicant Information

FCC ID

Person at the applicant's address to receive grant or for contact

Technical Contact

Page 1 of 7

[pdf] Agent Authorization

Application for Equipment Authorization FCC Form 731 TCB Version dschramm Letter of Agency Sentry Industries limited BT985 Bluetooth Headset 2ACP4BT985 bt985

Application for Equipment Authorization Intertek TCB Form 731 05-11-2015 Applicant Information Ap ... Center, 63 Mody Road, Tst, Hong Kong Hong Kong N/A China FCC ID Grantee Code: 2ACP4 Product Code: **BT985** 3 or 5 digit code assigned by the FCC 14 Maximum characters letters, numbers, and dash Per...

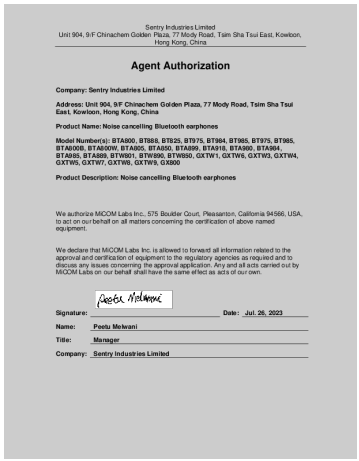
lang:en score:24 filesize: 230.71 K page_count: 7 document date: 2017-05-10

[pdf] User Manual Instructions

User Manual Sentry Industries limited BT985 Bluetooth Headset 2ACP4BT985 bt985

Bluetooth Headset 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 gener...

lang:en score:24 filesize: 3.32 M page_count: 2 document date: 2017-05-09


Sentry Industries Limited
Unit 904, 9/F Chinachem Golden Plaza, 77 Mody Road. Tsim Sha Tsui East, Kowloon, Hong Kong, China

Agent Authorization

Company: Sentry Industries Limited

Address: Unit 904, 9/F Chinachem Golden Plaza, 77 Mody Road, Tsim Sha Tsui East, Kowloon, Hong Kong, China

Product Name: Noise cancelling Bluetooth earphones

Model Number(s): BTA800, BT888, BT825, BT975, BT984, BT985, BT975, BT985, BTA800B, BTA800W, BTA805, BTA850, BTA899, BTA918, BTA980, BTA984, BTA985, BTA889, BTW801, BTW890, BTW850, GXTW1, GXTW6, GXTW3, GXTW4, GXTW5, GXTW7, GXTW8, GXTW9, GXB00

Product Description: Noise cancelling Bluetooth earphones

We authorize MiCOM Labs Inc., 575 Boulder Court, Pleasanton, California 94566, USA, to act on our behalf on all matters concerning the certification of above named equipment.

We declare that MiCOM Labs Inc. is allowed to forward all information related to the approval and certification of equipment to the regulatory agencies as required and to discuss any issues concerning the approval application. Any and all acts carried out by MiCOM Labs on our behalf shall have the same effect as acts of our own.

Signature: Peetu Mehrani Date: Jul. 26, 2023

Name: Peetu Mehrani

Title: Manager

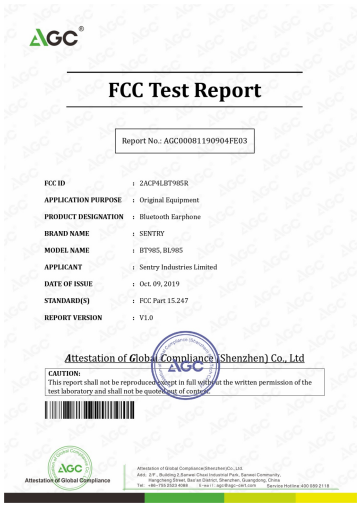
Company: Sentry Industries Limited

[pdf] Agent Authorization

PLEASE PRINT ON COMPANY LETTERHEAD MiCOM Labs Inc QMS Agent Authorization Rev 1 0 Sentry Industries limited CBTA800 2ACP4CBTA800 cbta800

Sentry Industries Limited Unit 904, 9/F Chinachem Golden Plaza, 77 Mody Road, Tsim Sha Tsui East, Ko ... uct Name: Noise cancelling Bluetooth earphones Model Number s : BTA800, BT888, BT825, BT975, BT984, **BT985**, BT975, **BT985**, BTA800B, BTA800W, BTA805, BTA850, BTA899, BTA918, BTA980, BTA984, BTA985, BTA88...

lang:en score:23 filesize: 9.6 K page_count: 1 document date: 2023-08-07


AGC

FCC Test Report

Report No.: AGC00081190904FE03

FCC ID	:	2ACP4LBT985R
APPLICATION PURPOSE	:	Original Equipment
PRODUCT DESIGNATION	:	Bluetooth Earphone
BRAND NAME	:	SENTRY
MODEL NAME	:	BT985, BL985
APPLICANT	:	Sentry Industries Limited
DATE OF ISSUE	:	Oct. 09, 2019
STANDARD(S)	:	FCC Part 15.247
REPORT VERSION	:	V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd

CAUTION:
This report shall not be reproduced except in full without the written permission of the test laboratory and shall not be quoted out of context.

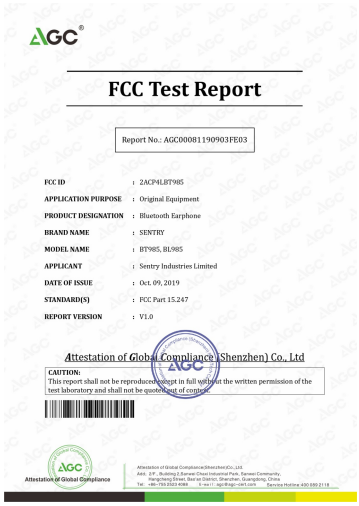
Attestation of Global Compliance

[pdf] Decleration of Conformity Test Report

EMC COMPLIANCE TEST REPORT Simon Test Report Sentry Industries limited LBT985R Bluetooth Earphone 2ACP4LBT985R lbt985r

Page 1 of 61 FCC Test Report Report No.: AGC00081190904FE03 FCC ID : 2ACP4L**BT985**R APPLICATION PURPOSE : Original Equipment PRODUCT DESIGNATION : Bluetooth Earphone BRAND NAME : SENTRY MODEL NAME : **BT985**, BL985 APPLICANT : Sentry Industries Limited DATE OF ISSUE : Oct. 09, 2019 STANDARD...

lang:en score:23 filesize: 5.73 M page_count: 61 document date: 2019-10-11



FCC Test Report

Report No.: AGC00081190903FE03

FCC ID	:	2ACP4LBT985
APPLICATION PURPOSE	:	Original Equipment
PRODUCT DESIGNATION	:	Bluetooth Earphone
BRAND NAME	:	SENTRY
MODEL NAME	:	BT985, BL985
APPLICANT	:	Sentry Industries Limited
DATE OF ISSUE	:	Oct. 09, 2019
STANDARD(S)	:	FCC Part 15.247
REPORT VERSION	:	V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd

CAUTION:
This report shall not be reproduced except in full without the written permission of the test laboratory and shall not be quoted out of context.

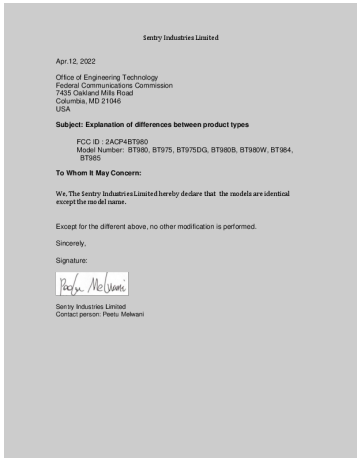
Attestation of Global Compliance

[pdf] Decleration of Conformity Test Report

EMC COMPLIANCE TEST REPORT Simon Test Report Sentry Industries limited LBT985 Bluetooth Earphone 2ACP4LBT985 lbt985

Page 1 of 61 FCC Test Report Report No.: AGC00081190903FE03 FCC ID : 2ACP4L**BT985** APPLICATION PURPOSE : Original Equipment PRODUCT DESIGNATION : Bluetooth Earphone BRAND NAME : SENTRY MODEL NAME : **BT985**, BL985 APPLICANT : Sentry Industries Limited DATE OF ISSUE : Oct. 09, 2019 STANDARD ...

lang:en score:23 filesize: 5.71 M page_count: 61 document date: 2019-10-11



Sentry Industries Limited

Apr.12, 2022

Office of Engineering Technology
Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046
USA

Subject: Explanation of differences between product types

FCC ID : 2ACP4BT980
Model Number: BT980, BT975, BT975DG, BT980B, BT980W, BT984, BT985

To Whom It May Concern:

We, The Sentry Industries Limited hereby declare that the models are identical except the model name.

Except for the different above, no other modification is performed.

Sincerely,

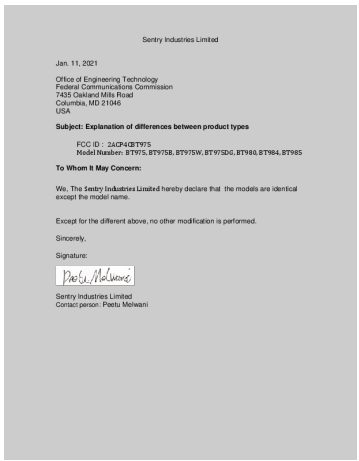
Signature:

Sentry Industries Limited
Contact person: Peetu Melwani

Sentry Industries Limited Product Model Comparison FCC Declaration

FCC filing from Sentry Industries Limited dated April 12, 2022, declaring that product models BT980, BT975, BT975DG, BT980B, BT980W, BT984, and BT985 are identical except for their names. FCC ID: 2ACP4BT980.

lang:fr score:22 filesize: 110.05 K page_count: 1 document date: 2022-04-14



Sentry Industries Limited

Jan. 11, 2021

Office of Engineering Technology
Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046
USA

Subject: Explanation of differences between product types

FCC ID : 2ACP4CBT975
Model Number: BT975, BT975B, BT975W, BT975DG, BT980, BT984, BT985

To Whom It May Concern:

We, The Sentry Industries Limited hereby declare that the models are identical except the model name.

Except for the different above, no other modification is performed.

Sincerely,

Signature:

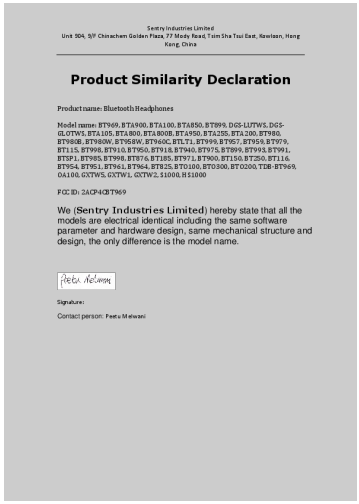
Sentry Industries Limited
Contact person: Peetu Melwani

[pdf] Decleration of Conformity

Date gretchen Differences Declaration Sentry Industries limited CBT975 Bluetooth Earphone 2ACP4CBT975 cbt975

Sentry Industries Limited Jan. 11, 2021 Office of Engineering Technology Federal Communications Commission 7435 Oakland Mills Road Columbia, MD 21046 USA Subject: Explanation of differences between product types FCC ID : 2ACP4CBT975 Model Number: BT975, BT975B, BT975W, BT975DG, BT980, BT984, **BT985** T...

lang:fr score:22 filesize: 117.99 K page_count: 1 document date: 2021-01-11



Sentry Industries Limited
Unit 904, 9/F Chinachem Golden Plaza, 77 Mody Road, Tsim Sha Tsui East, Kowloon, Hong Kong, China

Product Similarity Declaration

Product name: Bluetooth Headphones

Model name: BT969, BTA900, BTA1100, BTA850, BT899, DGS-LUTW5, DGS-GLOTW5, BTA105, BTA800, BTA800B, BTA950, BTA235, BTA200, BT980, BT980B, BT980W, BT958W, BT960C, BTLT1, BT999, BT957, BT959, BT979, BT115, BT998, BT910, BT950, BT918, BT940, BT975, BT899, BT993, BT991, BT5P1, BT985, BT998, BT876, BT185, BT971, BT900, BT150, BT250, BT116, BT954, BT951, BT961, BT964, BT825, BT0100, BT0300, BT0200, TDB-BT969, 0A100, GSTW5, GSTW1, GSTW2, 51000, 851000

FCC ID: 2ACP4CBT969

We (**Sentry Industries Limited**) hereby state that all the models are electrical identical including the same software parameter and hardware design, same mechanical structure and design, the only difference is the model name.

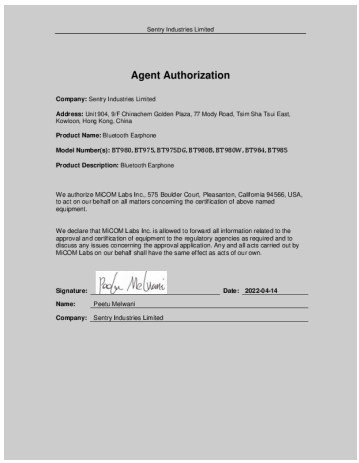
Signature:

Contact person: Peetu Melwani

[Sentry Industries Limited Bluetooth Headphones Product Similarity Declaration]

Declaration confirming the product similarity of various Sentry Industries Limited Bluetooth headphone models, including BT969, BTA900, and others, all sharing identical electrical, software, hardware, and mechanical designs.

lang:en score:22 filesize: 453.93 K page_count: 1 document date: 2024-07-04



Sentry Industries Limited

Agent Authorization

Company: Sentry Industries Limited

Address: Unit 904, 9/F Chinachem Golden Plaza, 77 Mody Road, Tsim Sha Tsui East, Kowloon, Hong Kong, China

Product Name: Bluetooth Earphone

Model Number(s): BT980, BT975, BT975DG, BT980B, BT980W, BT984, BT985

Product Description: Bluetooth Earphone

We authorize MiCOM Labs Inc., 575 Boulder Court, Pleasanton, California 94566, USA, to act on our behalf on all matters concerning the certification of above named equipment.

We declare that MiCOM Labs Inc. is allowed to forward all information related to the approval and certification of equipment to the regulatory agencies as required and to discuss any issues concerning the approval application. Any and all acts carried out by MiCOM Labs on our behalf shall have the same effect as acts of our own.

Signature: **Date:** 2022-04-14

Name: Peetu Melwani

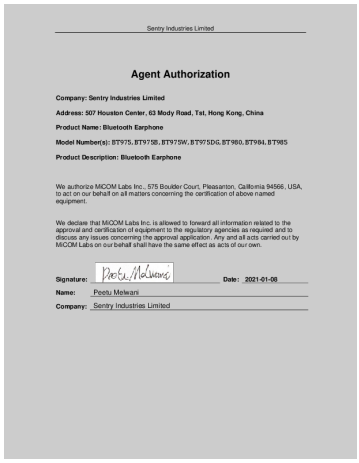
Company: Sentry Industries Limited

[pdf] Agent Authorization

PLEASE PRINT ON COMPANY LETTERHEAD MiCOM Labs Inc QMS Agent Authorization Sentry Industries limited BT980 2ACP4BT980 bt980

Sentry Industries Limited Agent Authorization Company: Sentry Industries Limited Address: Unit 904, 9/F Chinachem Golden Plaza, 77 Mody Road, Tsim Sha Tsui East, Kowloon, Hong Kong, China Product Name: Bluetooth Earphone Model Number s : BT980, BT975, BT975DG, BT980B, BT980W, BT984, **BT985** Product D...

lang:en score:22 filesize: 109.27 K page_count: 1 document date: 2022-04-14



Sentry Industries Limited

Agent Authorization

Company: Sentry Industries Limited

Address: 507 Houston Center, 63 Mody Road, Tst, Hong Kong, China

Product Name: Bluetooth Earphone

Model Number(s): BT975, BT975B, BT975W, BT975DG, BT980, BT984, BT985

Product Description: Bluetooth Earphone

We authorize MiCOM Labs Inc., 575 Boulder Court, Pleasanton, California 94566, USA, to act on our behalf on all matters concerning the certification of above named equipment.

We declare that MiCOM Labs Inc. is allowed to forward all information related to the approval and certification of equipment to the regulatory agencies as required and to discuss any issues concerning the approval application. Any and all acts carried out by MiCOM Labs on our behalf shall have the same effect as acts of our own.

Signature: **Date:** 2021-01-08

Name: Peetu Melwani

Company: Sentry Industries Limited

[pdf] Agent Authorization

PLEASE PRINT ON COMPANY LETTERHEAD MiCOM Labs Inc QMS Agent Authorization Rev 1 0 Sentry Industries limited CBT975 Bluetooth Earphone 2ACP4CBT975 cbt975

Sentry Industries Limited Agent Authorization Company: Sentry Industries Limited Address: 507 Houston Center, 63 Mody Road, Tst, Hong Kong, China Product Name: Bluetooth Earphone Model Number s : BT975, BT975B, BT975W, BT975DG, BT980, BT984, **BT985** Product Description: Bluetooth Earphone We authoriz...

lang:en score:21 filesize: 167.76 K page_count: 1 document date: 2021-01-12

Sentry Industries limited
507 Houston Center, 63 Mody Road, Tst, Hong Kong, China

Apr. 27, 2017

Federal Communication Commission
Authorization and Evaluation Division

FCC ID: 2ACP4BT985

Re: Confidentiality Request

Pursuant to Sections 0.457 and 0.459 of the Commission's Rules, the applicant hereby requests confidential treatment of information applied this application as outlined below:

1: Block Diagram
2: Schematics
3: Operational Description

The above materials contain trade secrets and proprietary information not customarily released to the public. The public disclosure of these matters might be harmful to the applicant and provide unjustified benefits to its competitors.

The Applicant understands that pursuant to Rules 0.457, disclosure of this Application and all accompanying documentation will not be made before the date of the Grant for this application.

Sincerely,

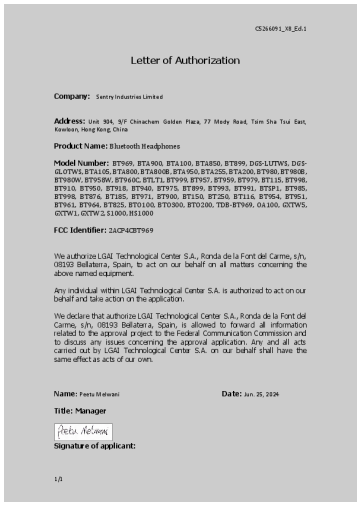
Sentry Industries limited
Contact person: Peetu Melwani
Title: Manager

[pdf] Confidentiality Request Letter

eason Confidentiality Request Sentry Industries limited BT985 Bluetooth Headset 2ACP4BT985 bt985

Sentry Industries limited 507 Houston Center, 63 Mody Road, Tst, Hong Kong, China Apr. 27, 2017 Federal Communication Commission Authorization and Evaluation Division FCC ID: 2ACP4**BT985** Re: Confidentiality Request Pursuant to Sections 0.457 and 0.459 of the Commission s Rules, the applicant hereby r...

lang:en score:21 filesize: 64.75 K page_count: 1 document date: 2017-05-10



C5266091_X8_Ed.1

Letter of Authorization

Company: Sentry Industries Limited

Address: Unit 904, 9/F Chinachem Golden Plaza, 77 Mody Road, Tsim Sha Tsui East, Kowloon, Hong Kong, China

Product Name: Bluetooth Headphones

Model Number: BT969, BTA900, BTA100, BTA850, BT899, DGS-LUTW5, DGS-GLOTW1, BTA105, BTA800, BTA800B, BTA950, BTA255, BTA200, BT980, BT980B, BT980W, BT958W, BTN40C, BTLT1, BT994, BT957, BT959, BT979, BT115, BT998, BT910, BT960, BT918, BT940, BT975, BT999, BT993, BT991, BTSP1, BT985, BT998, BT876, BT185, BT971, BT900, BT150, BT250, BT116, BT954, BT951, BT961, BT964, BT825, BT0100, BT0300, BT0200, TD8-BT969, OA100, GXTW5, GXTW1, GXTW2, $1000, HS1000

FCC Identifier: 2ACP4CBT969

We authorize LGAI Technological Center S.A., Ronda de la Font del Carme, s/n, 08193 Bellaterra, Spain, to act on our behalf on all matters concerning the above named equipment.

Any individual within LGAI Technological Center S.A. is authorized to act on our behalf and take action on the application.

We declare that authorize LGAI Technological Center S.A., Ronda de la Font del Carme, s/n, 08193 Bellaterra, Spain, is allowed to forward all information related to the approval project to the Federal Communication Commission and to discuss any issues concerning the approval application. Any and all acts carried out by LGAI Technological Center S.A. on our behalf shall have the same effect as acts of our own.

Name: Peetu Melwani **Date:** Jun. 25, 2024

Title: Manager

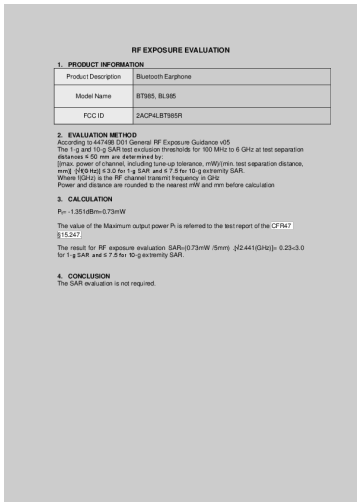
Signature of applicant:

[pdf]

Adria Galin Pons Letter Authorization Sentry Industries limited CBT969 Bluetooth Headphones 2ACP4CBT969 cbt969

C5266091_X8_Ed.1 Letter of Authorization Company: Sentry Industries Limited Address: Unit 904, 9/F ... , BT957, BT959, BT979, BT115, BT998, BT910, BT950, BT918, BT940, BT975, BT899, BT993, BT991, BTSP1, **BT985**, BT998, BT876, BT185, BT971, BT900, BT150, BT250, BT116, BT954, BT951, BT961, BT964, BT825, BT...

lang:en score:21 filesize: 470.83 K page_count: 1 document date: 2024-07-04



RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	Bluetooth Earphone
Model Name	BT985, BL985
FCC ID	2ACP4LBT985R

2. EVALUATION METHOD
According to 447498 D01 General RF Exposure Guidance v05
The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.
Where f(GHz) is the RF channel transmit frequency in GHz
Power and distance are rounded to the nearest mW and mm before calculation

3. CALCULATION
Pi= -1.351dBm=0.73mW

The value of the Maximum output power Pi is referred to the test report of the CFR47 §15.247

The result for RF exposure evaluation SAR_i=(0.73mW /5mm) ·[√2.441(GHz)]= 0.23<3.0 for 1-g SAR and 0.7.5 for 10-g extremity SAR.

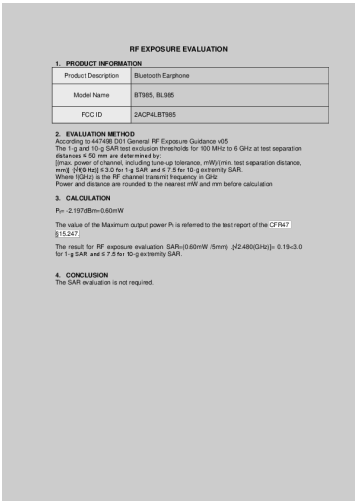
4. CONCLUSION
The SAR evaluation is not required.

[pdf] Test Report SAR Rating

USER RF Exposure Sentry Industries limited LBT985R Bluetooth Earphone 2ACP4LBT985R lbt985r

RF EXPOSURE EVALUATION 1. PRODUCT INFORMATION Product Description Bluetooth Earphone Model Name **BT985**, BL985 FCC ID 2ACP4L**BT985**R 2. EVALUATION METHOD According to 447498 D01 General RF Exposure Guidance v05 The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation d...

lang:en score:16 filesize: 61.9 K page_count: 1 document date: 2019-10-11



RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	Bluetooth Earphone
Model Name	BT985, BL985
FCC ID	2ACP4LBT985

2. EVALUATION METHOD

According to 447498 D01 General RF Exposure Guidance v05
The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.
Where f(GHz) is the RF channel transmit frequency in GHz
Power and distance are rounded to the nearest mW and mm before calculation

3. CALCULATION

P_{dBm}= -2.197dBm=0.60mW

The value of the Maximum output power P_i is referred to the test report of the CFR47 §15.247 .

The result for RF exposure evaluation SAR=(0.60mW /5mm) ·[√2.480(GHz)]= 0.19<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

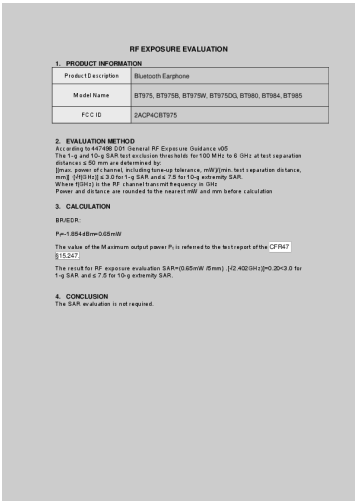
The SAR evaluation is not required.

[pdf] Test Report SAR Rating

USER RF Exposure Sentry Industries limited LBT985 Bluetooth Earphone 2ACP4LBT985 lbt985

RF EXPOSURE EVALUATION 1. PRODUCT INFORMATION Product Description Bluetooth Earphone Model Name **BT985**, BL985 FCC ID 2ACP4L**BT985** 2. EVALUATION METHOD According to 447498 D01 General RF Exposure Guidance v05 The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation di...

lang:en score:16 filesize: 61.84 K page_count: 1 document date: 2019-10-11



RF EXPOSURE EVALUATION

1. PRODUCT INFORMATION

Product Description	Bluetooth Earphone
Model Name	BT975, BT975B, BT975W, BT975DG, BT980, BT984, BT985
FCC ID	2ACP4CBT975

2. EVALUATION METHOD

According to 447498 D01 General RF Exposure Guidance v05
The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] ·[√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.
Where f(GHz) is the RF channel transmit frequency in GHz
Power and distance are rounded to the nearest mW and mm before calculation

3. CALCULATION

BR/EDR:

P_{dBm}=1.854dBm=0.65mW

The value of the Maximum output power P_i is referred to the test report of the CFR47 §15.247 .

The result for RF exposure evaluation SAR=(0.65mW /5mm) ·[√2.402(GHz)]=0.20<3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR.

4. CONCLUSION

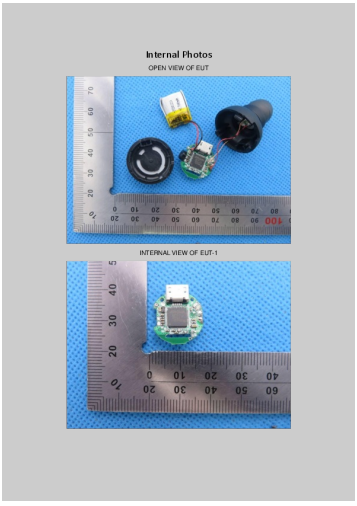
The SAR evaluation is not required.

[pdf] Test Report SAR Rating

USER RF Exposure Sentry Industries limited CBT975 Bluetooth Earphone 2ACP4CBT975 cbt975

RF EXPOSURE EVALUATION 1. PRODUCT INFORMATION Product Description Bluetooth Earphone Model Name BT975, BT975B, BT975W, BT975DG, BT980, BT984, **BT985** FCC ID 2ACP4CBT975 2. EVALUATION METHOD According to 447498 D01 General RF Exposure Guidance v05 The 1-g and 10-g SAR test exclusion thresholds for...

lang:en score:16 filesize: 94.75 K page_count: 1 document date: 2021-01-11

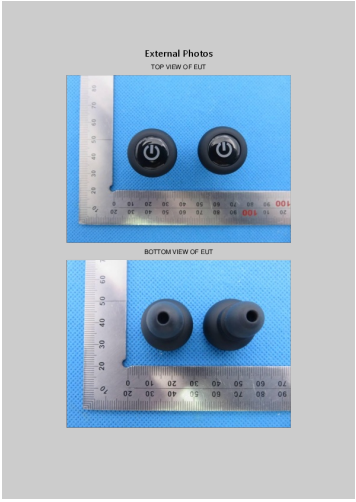


[pdf] Product Photos Teardown

Administrator Internal Photos Sentry Industries limited BT985 Bluetooth Headset 2ACP4BT985 bt985

Internal Photos OPEN VIEW OF EUT INTERNAL VIEW OF EUT-1 INTERNAL VIEW OF EUT-2 Antenna INTERNAL VIEW OF EUT-3 ...

lang:en score:15 filesize: 527.66 K page_count: 2 document date: 2017-05-10

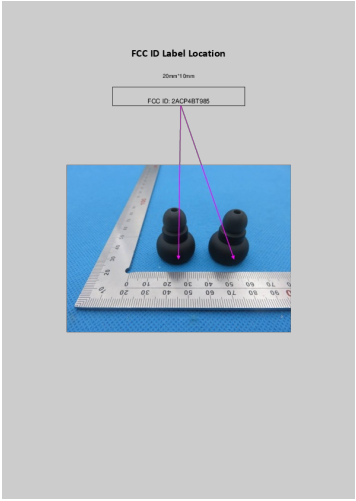


[pdf] Product Photos

Administrator External Photos Sentry Industries limited BT985 Bluetooth Headset 2ACP4BT985 bt985

External Photos TOP VIEW OF EUT BOTTOM VIEW OF EUT FRONT VIEW OF EUT BACK VIEW OF EUT LEFT VIEW OF EUT RIGHT VIEW OF EUT VIEW OF EUT PORT VIEW OF ADAPTER AE ...

lang:en score:15 filesize: 832.99 K page_count: 4 document date: 2017-05-10

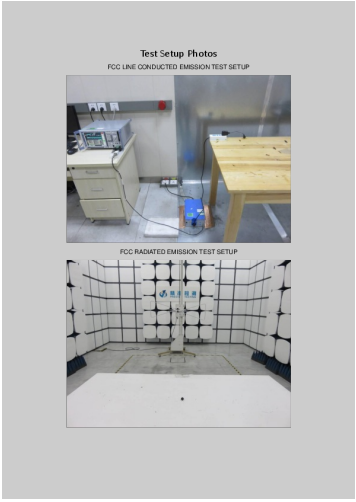


[pdf] Label

USER Label Artwork and Location Sentry Industries limited BT985 Bluetooth Headset 2ACP4BT985 bt985

FCC ID Label Location 20mm*10mm FCC ID: 2ACP4**BT985** ...

lang:en score:15 filesize: 245.95 K page_count: 1 document date: 2017-05-10



[pdf] Product Photos

Administrator Test Setup Photos Sentry Industries limited BT985 Bluetooth Headset 2ACP4BT985 bt985

Test Setup Photos FCC LINE CONDUCTED EMISSION TEST SETUP FCC RADIATED EMISSION TEST SETUP ...

lang:en score:15 filesize: 397.86 K page_count: 3 document date: 2017-05-10