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SOBAST S-OW1pro

SOBAST AI Bluetooth Translation Glasses User Manual

Model: S-OW1pro

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1. INTRODUCTION

The SOBAST AI Bluetooth Translation Glasses (Model: S-OW1pro) are an innovative device combining the functionality of smart glasses with real-time language translation capabilities. Designed for convenience and versatility, these glasses offer features such as Bluetooth connectivity for calls and music, multi-language interpretation, and a sleek, comfortable design. They are suitable for various applications including learning, travel, business negotiations, and daily entertainment.



Figure 1: SOBAST AI Bluetooth Translation Glasses (Black) and a view of the companion mobile application interface.

Key features include:

- **Bluetooth Wireless Connection:** Seamlessly connect to your phone for calls and music.
- **Multi-Language Translation:** Real-time interpretation for over 110 languages, supporting live recording, simultaneous interpretation, and face-to-face translation.
- **Magnetic Charging Port:** Convenient and fast charging with extended battery life.
- **Stylish Design & Comfort:** Anti-blue light lenses, adjustable eyeglass legs (15-degree angle) for various face shapes, and a lightweight PC frame.
- **Multifunctional:** Integrates glasses, phone calls, music playback, and translation into one device.

2. SETUP GUIDE

2.1 Package Contents

Before proceeding, please verify that all components are present in the package:

- SOBAST AI Bluetooth Translation Glasses (S-OW1pro)
- Wireless Charging Case
- User Manual
- Activation Code Card (Important: Keep this card safe for returns and activation.)

2.2 Initial Charging

For optimal performance, fully charge your SOBAST AI Bluetooth Translation Glasses before first use. The glasses

feature a magnetic charging port for convenience.

- Connect the charging cable to the magnetic charging port on the glasses.
- Connect the other end of the cable to a compatible USB power source.
- A full charge typically takes approximately 1.5 hours, providing up to 10 hours of usage and 30 hours of standby time.

2.3 App Installation and Activation

The SOBAST AI Bluetooth Translation Glasses require the Nebula Translation APP for full functionality, including translation features and device activation.

1. **Download the App:** Scan the QR code provided in the user manual or on the activation card to download the Nebula Translation APP from your device's app store (App Store for iOS, Google Play for Android).
2. **Log In:** To prevent account loss and ensure full access to features, log in to the Nebula Translation APP using your preferred method (e.g., email, Apple ID, X).
3. **Connect Earbuds:**
 - On the app's home page, navigate to "Link Management" (or "Connection Management").
 - Select "Bind device" and then click "Connect".
 - Go to your phone's system Bluetooth settings.
 - Locate "S-OW1pro" in the list of available devices and pair with it. Ensure it shows as "Connected".
 - Return to the Nebula Translation APP.
4. **Activate Device:**
 - In the app, you will be prompted to enter an activation code.
 - Scan the QR code on your Activation Code Card using the app's scanner, or manually enter the activation code provided on the card.
 - Click "Connect" to complete the activation process.
 - Once successfully activated, your device is officially bound to your account, and you can enjoy all features.

Your browser does not support the video tag.

Video 1: Step-by-step guide on how to activate the SOBAST AI Translation Glasses and connect them to the Nebula Translation App.

Instant Pairing



Auto power on, open the glasses is automatically connected to the wireless call sound clear, high resolution sound quality

Built-in high-sensitivity microphone and noise-canceling technology, support for hands-free calls, the voice is also very clear

Figure 2: The glasses offer instant pairing with your smartphone, ensuring clear wireless calls and high-resolution sound quality.

3. OPERATING INSTRUCTIONS

3.1 Basic Functions

- **Power On/Off:** The glasses automatically power on when opened and connect to your paired device.
- **Music Playback:** Enjoy stereo sound through the dual-channel sound system.
- **Phone Calls:** Built-in high-sensitivity microphone and noise-canceling technology support clear hands-free calls.
- **Control Type:** Utilize touch controls for various functions. Specific touch gestures for music, calls, and translation will be detailed within the Nebula Translation APP's user guide.

3.2 Translation Features

The core functionality of your SOBAST AI Bluetooth Translation Glasses lies in their advanced translation capabilities, powered by the Nebula Translation APP.

- **Real-time Interpretation:** Translate over 110 languages in real-time for seamless communication.
- **Live Recording & Transcription:** Record conversations and obtain highly accurate transcriptions (up to 98% accuracy), with real-time distinction between speakers.
- **Simultaneous Interpretation:** Ideal for business negotiations and international travel, providing instant translation of spoken language.
- **Face-to-Face Translation:** Facilitates direct communication by translating spoken words between individuals.

Recording to writing anytime, anywhere 98% accuracy

Cell phone incoming calls, voice video conferencing, full coverage of mainstream conference app adapted and real-time distinction between the speaker, transcription accuracy of up to 98%, without the need for 2 times to organize.

手机：我们今天来讨论一下方案的细节部分。第一个问题是关于方案的补充说明，每个人分别补充几点，给出些决绝方法

翻译：Let's discuss the details of the plan today. The first question is about the supplementary explanation of the plan. Each person should add a few points and provide some decisive methods



Figure 3: The glasses support recording to text with high accuracy, useful for meetings and learning.

Super Hardware + Super Brain

AI Generative Communication New Experience

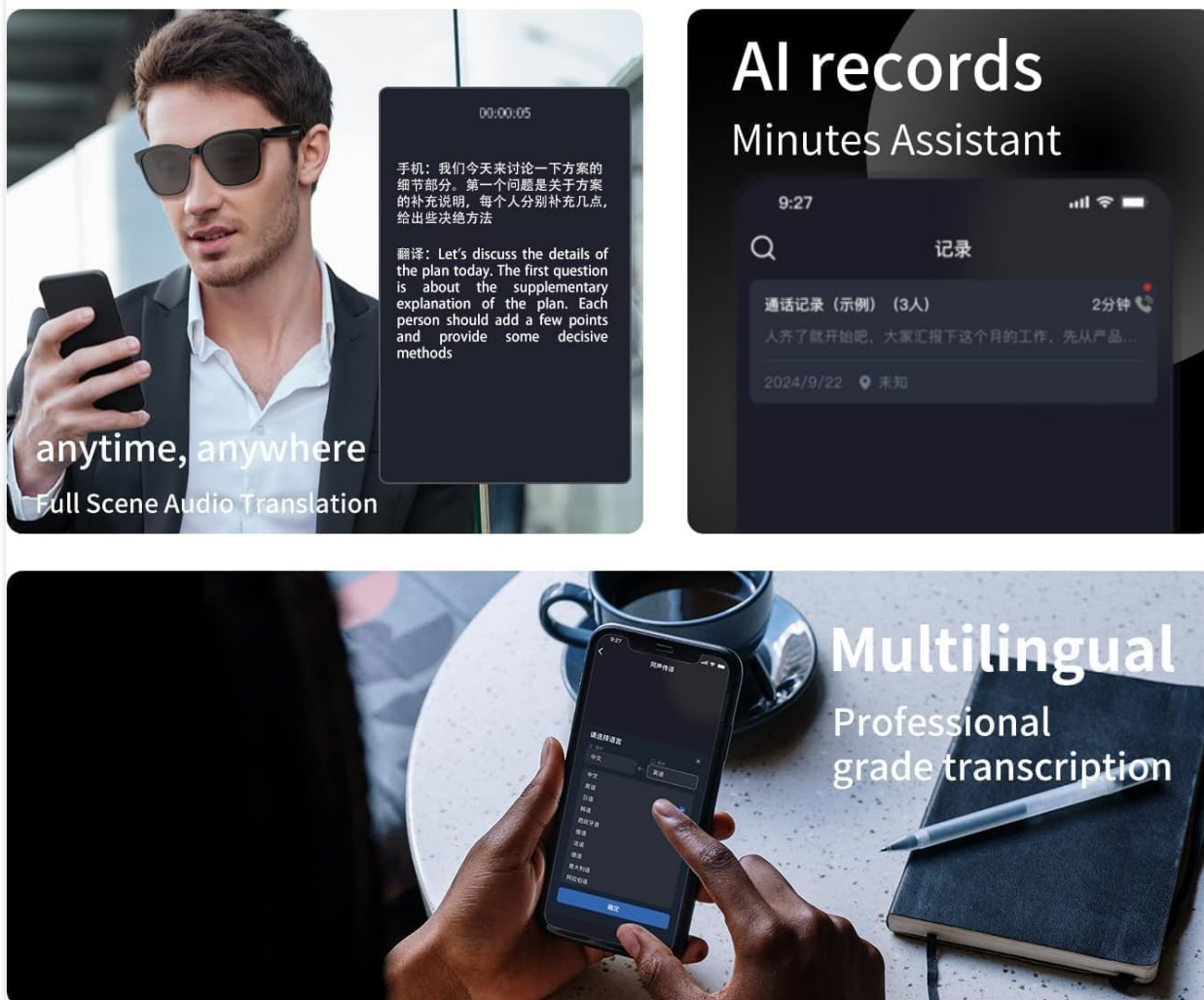


Figure 4: Experience AI Generative Communication with features like AI records (Minutes Assistant), multilingual professional-grade transcription, and full-scene audio translation.

4. MAINTENANCE

Proper care and maintenance will extend the lifespan of your SOBAST AI Bluetooth Translation Glasses.

- **Cleaning Lenses:** Use a soft, lint-free cloth specifically designed for eyewear to clean the lenses. Avoid abrasive materials or harsh chemicals that could damage the anti-blue light coating.
- **Cleaning Frame:** Wipe the frame with a soft, damp cloth. Do not submerge the glasses in water.
- **Storage:** When not in use, store the glasses in their wireless charging case to protect them from dust, scratches, and impacts.
- **Avoid Extreme Conditions:** Do not expose the glasses to extreme temperatures (hot or cold), high humidity, or direct sunlight for prolonged periods.
- **Charging:** Always use the provided magnetic charging cable and a compatible power source. Avoid overcharging.

5. TROUBLESHOOTING

If you encounter issues with your SOBAST AI Bluetooth Translation Glasses, please refer to the following common solutions:

Problem	Possible Cause	Solution
Glasses not powering on.	Low battery.	Charge the glasses fully using the magnetic charging cable.
Cannot connect via Bluetooth.	Bluetooth is off on the phone; glasses are out of range; already connected to another device.	Ensure Bluetooth is enabled on your phone. Bring glasses closer to the phone. Disconnect from other devices. Re-attempt pairing as per Section 2.3.
Translation not working or inaccurate.	App not activated; poor internet connection; incorrect language settings; microphone obstruction.	Verify app activation (Section 2.3). Ensure stable internet connection. Check language settings in the Nebula Translation APP. Ensure microphone is clear.
Sound quality issues.	Low battery; distance from device; interference.	Charge the glasses. Stay within the effective Bluetooth range (10m). Move away from sources of strong electromagnetic interference.
App not responding.	App crash; temporary software glitch.	Close and restart the Nebula Translation APP. If the issue persists, restart your phone.

If the problem persists after trying these solutions, please contact SOBAST customer support for further assistance.

6. SPECIFICATIONS

Feature	Detail
Model Name	SOBAST S-OW1pro
Connectivity Technology	Wireless (Bluetooth 5.4)
Wireless Communication Technology	Wi-Fi
Control Type	Touch Control
Charging Time	1.5 Hours
Battery Life (Usage)	Up to 10 hours
Battery Life (Standby)	30 hours
Included Components	Wireless Charging Case
Material	Plastic
Color	Black
Product Dimensions	5.58 x 2.35 x 1.97 inches

Feature	Detail
Item Weight	5.4 ounces
Noise Control	Hybrid Noise Cancellation
Frequency Response	1 Hz
Impedance	16 Ohm
Eyeglass Leg Adjustment	Scalable by about 15 degrees



Figure 5: Product dimensions and key specifications for the SOBAST S-G1pro Wireless Glasses (Note: Model name discrepancy in image vs. product data, using product data's S-OW1pro).

Upgraded wireless 5.4 chip

No lag and no disconnection

Faster transmission speed, inside and out.
Longer transmission distance, enjoy good music.

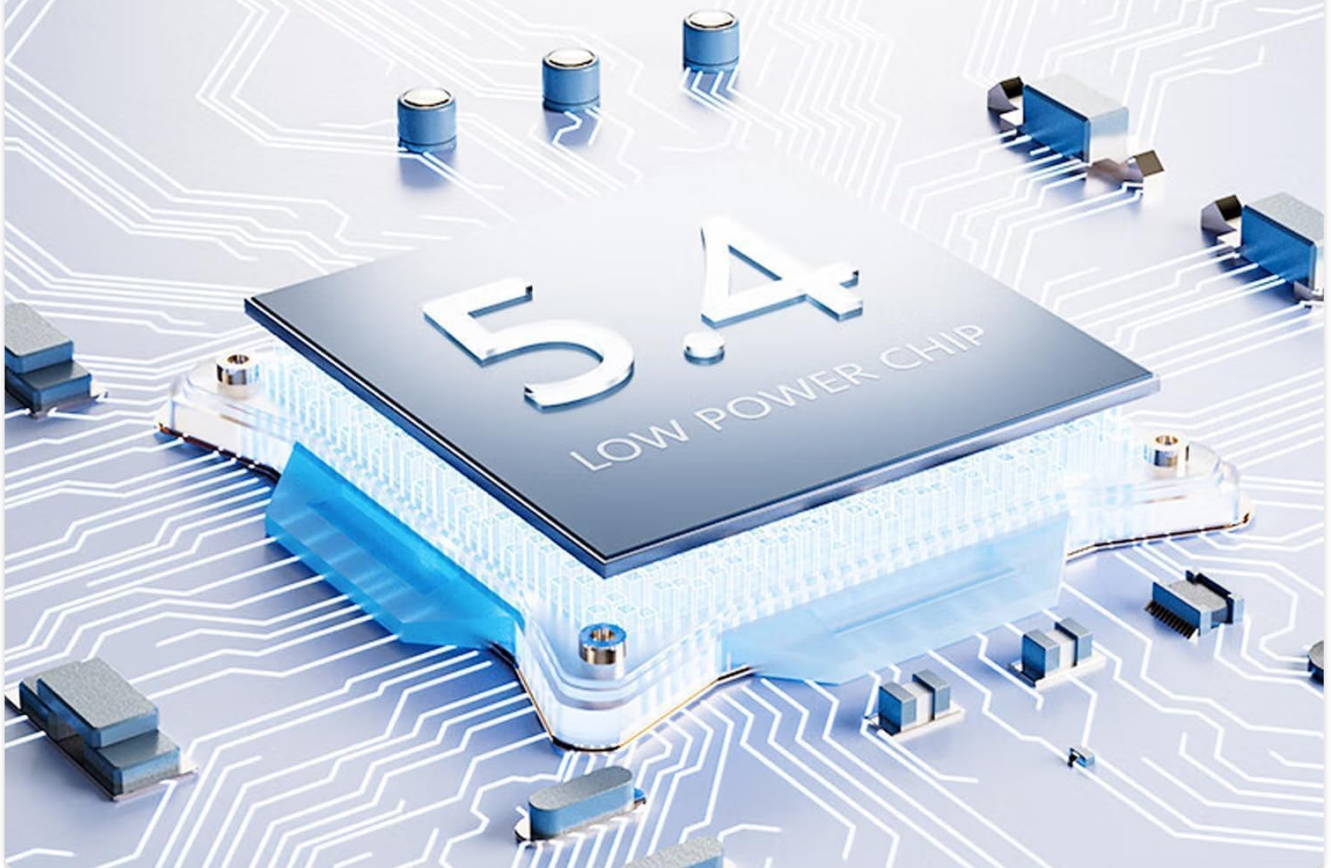


Figure 6: The glasses feature an upgraded wireless 5.4 chip for faster transmission and longer range, ensuring no lag or disconnection.

7. WARRANTY AND SUPPORT




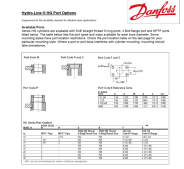

SOBAST products are designed for durability and performance. For specific warranty details, including coverage period and terms, please refer to the warranty information included in your product packaging or visit the official SOBAST website.

For technical support, troubleshooting assistance beyond this manual, or inquiries regarding product service, please contact SOBAST customer support through the following channels:

- **Official Website:** www.SOBAST.com (Please note: This is a placeholder URL as no specific support URL was provided in the data.)
- **Email Support:** Refer to your product packaging or the official website for the most current support email address.

When contacting support, please have your product model number (S-OW1pro) and purchase information readily available.

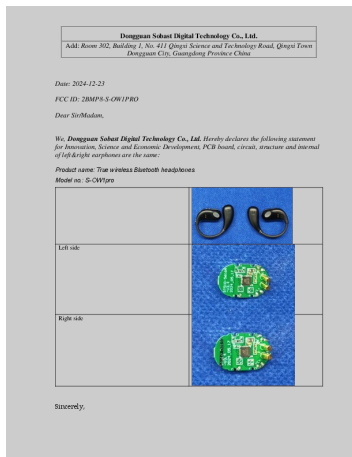
Related Documents - S-OW1pro

	<p>S-OW1pro True Wireless Bluetooth Headphones User Manual</p> <p>Comprehensive user manual for the S-OW1pro true wireless Bluetooth headphones, covering basic principles, product specifications, operating instructions, packing list, and troubleshooting.</p>
	<p>POCKETALK S Voice Translator User Manual</p> <p>Comprehensive user manual for the POCKETALK S Voice Translator, detailing initial setup, basic operations, translation features, device settings, troubleshooting, safety precautions, and technical specifications.</p>
	<p>NI VeriStand 2010 Custom Device Developer's Guide</p> <p>Explore the NI VeriStand 2010 Custom Device Developer's Guide. Learn how to extend NI VeriStand's capabilities by creating custom devices using LabVIEW for real-time testing applications.</p>
	<p>Danfoss Hydro-Line HG Port Options: SAE & NPTF Specifications</p> <p>Detailed specifications for Danfoss Hydro-Line HG series hydraulic cylinders, covering SAE straight thread O-ring ports, 4-bolt flange ports, and NPTF ports. Includes port code reference tables and dimensional data.</p>
	<p>S-G2pro True Wireless Bluetooth Glasses User Manual</p> <p>Instruction manual for the S-G2pro true wireless Bluetooth glasses, covering product introduction, specifications, operation, LED status, and warranty information.</p>

Nauticam N120 Port System for Panasonic Lumix S-Mount Camera System

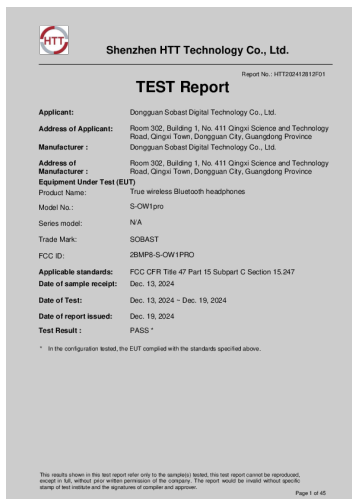
A comprehensive guide to the Nauticam N120 port system for Panasonic Lumix S-Mount full-frame cameras, detailing compatible lenses, port adaptors, extension rings, and underwater optics for optimal performance.

Documents - SOBAST – S-OW1pro



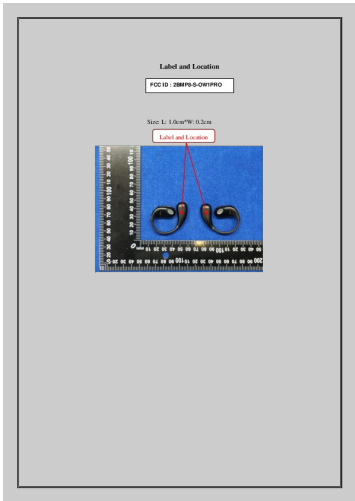
[\[pdf\]](#) Decleration of Conformity

Declaration Letter of Model Difference TWS Dongguan Sobast Digital Technology Co Ltd S OW1PRO
True wireless Bluetooth headphones 2BMP8 2BMP8SOW1PRO s ow1pro
Dongguan Sobast Digital Technology Co., Ltd. Add: Room 302, Building 1, No. 411
Qingxi Science and T ... I of left right earphones are the same: Product name: True
wireless Bluetooth headphones Model no.: S-OW1pro Left side Right side Sincerely,
Dongguan Sobast Digital Technology Co., Ltd. Add: Room 30...
lang:tl score:44 filesize: 123.83 K page_count: 2 document date: 2024-12-27



[\[pdf\]](#) Test Report

Test Report EDR Dongguan Sobast Digital Technology Co Ltd S OW1PRO True wireless Bluetooth
headphones 2BMP8 2BMP8SOW1PRO s ow1pro
Shenzhen HTT Technology Co., Ltd. Report No.: HTT202412812F01 TEST Report
Applicant: Dongguan Sob ... rovince Equipment Under Test EUT Product Name: True
wireless Bluetooth headphones Model No.: S-OW1pro Series model: N/A Trade Mark:
FCC ID: SOBAST 2BMP8-**S-OW1PRO** Applicable standards: Date...
lang:en score:36 filesize: 3.64 M page count: 45 document date: 2024-12-27

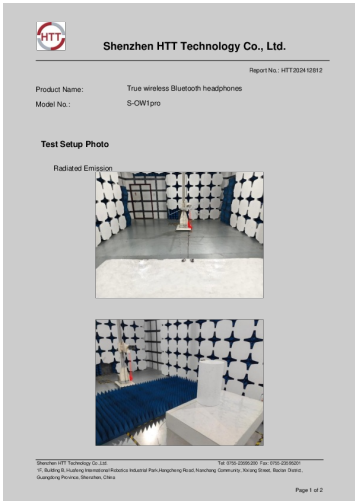


[\[pdf\]](#) Label

Label and Location Dongguan Sobast Digital Technology Co Ltd S OW1PRO True wireless Bluetooth headphones 2BMP8 2BMP8SOW1PRO s ow1pro

Label and Location FCC ID : 2BMP8**S-OW1PRO** Size: L: 1.0cm*W: 0.2cm Label and Location ...

lang:en **score:29** filesize: 109.15 K page_count: 1 document date: 2024-12-27

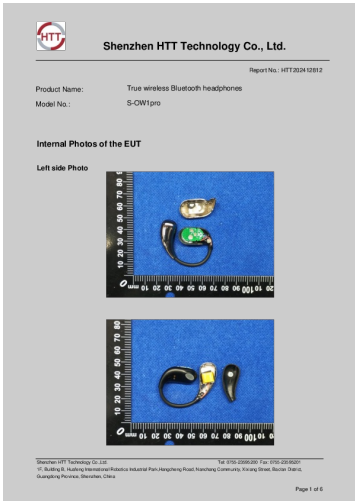


[\[pdf\]](#) Product Photos

Test Setup photo Dongguan Sobast Digital Technology Co Ltd S OW1PRO True wireless Bluetooth headphones 2BMP8 2BMP8SOW1PRO s ow1pro

Product Name: Model No.: Shenzhen HTT Technology Co., Ltd. Report No.: HTT202412812 True wireless Bluetooth headphones S-OW1pro Test Setup Photo Radiated Emission Shenzhen HTT Technology Co.,Ltd. Tel: 0755-23595200 Fax: 0755-23595201 1F, Building B, Huafeng International Robotics Industrial Par...

lang:tl **score:29** filesize: 230.95 K page_count: 2 document date: 2024-12-27

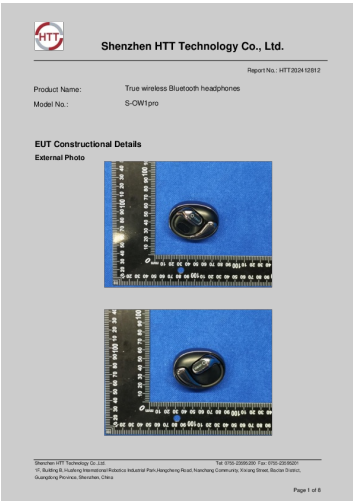


[\[pdf\]](#) Product Photos Teardown

Internal photo Dongguan Sobast Digital Technology Co Ltd S OW1PRO True wireless Bluetooth headphones 2BMP8 2BMP8SOW1PRO s ow1pro

Product Name: Model No.: Shenzhen HTT Technology Co., Ltd. Report No.: HTT202412812 True wireless Bluetooth headphones S-OW1pro Internal Photos of the EUT Left side Photo Shenzhen HTT Technology Co.,Ltd. Tel: 0755-23595200 Fax: 0755-23595201 1F, Building B, Huafeng International Robotics Indust...

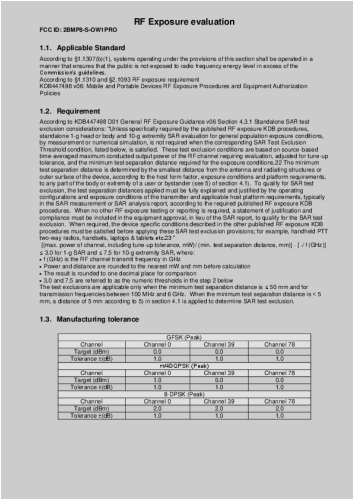
lang:tl **score:29** filesize: 1.09 M page_count: 6 document date: 2024-12-27



[pdf] Product Photos

External photo Dongguan Sobast Digital Technology Co Ltd S OW1PRO True wireless Bluetooth headphones 2BMP8 2BMP8SOW1PRO s ow1pro

Product Name: Model No.: Shenzhen HTT Technology Co., Ltd. Report No.:
HTT202412812 True wireless Bluetooth headphones S-OW1pro EUT Constructional
Details External Photo Shenzhen HTT Technology Co.,Ltd. Tel: 0755-23595200 Fax:
0755-23595201 1F, Building B, Huafeng International Robotics Industr...
lang:tl score:29 filesize: 1.33 M page_count: 8 document date: 2024-12-27



[pdf] SAR Rating

RF Exposure info Dongguan Sobast Digital Technology Co Ltd S OW1PRO True wireless Bluetooth headphones 2BMP8 2BMP8SOW1PRO s ow1pro

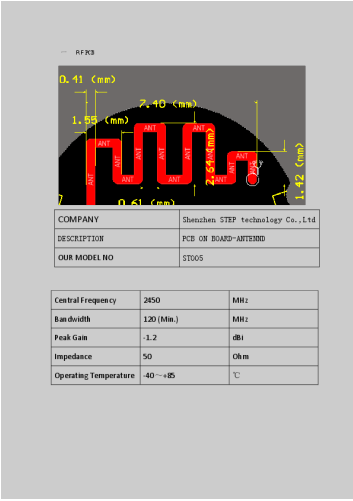
FCC ID: 2BMP8-S-OW1PRO RF Exposure evaluation 1.1. Applicable Standard
According to 1.1307 b 1 , systems operating under the provisions of this section shall
be operated in a manner that ensures that the public is not exposed to radio
frequency energy level in excess of the Commission s guideline...
lang:en score:28 filesize: 141.08 K page_count: 2 document date: 2024-12-27



[S-OW1pro True Wireless Bluetooth Headphones User Manual](#)

Comprehensive user manual for the S-OW1pro true wireless Bluetooth headphones, covering basic principles, product specifications, operating instructions, packing list, and troubleshooting.

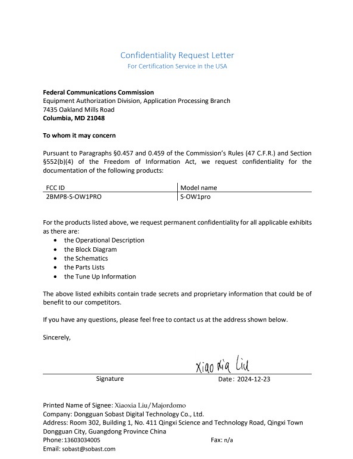
lang:en score:22 filesize: 5.71 M page_count: 1 document date: 2024-12-27



[\[pdf\] Specifications](#)

admin Antenna Specification Dongguan Sobast Digital Technology Co Ltd S OW1PRO True wireless Bluetooth headphones 2BMP8 2BMP8SOW1PRO s ow1pro
R F PCB COMPANY DESCRIPTION OUR MODEL NO Shenzhen STEP technology Co.,Ltd PCB ON BOARD-ANTENND ST005 Central Frequency 2450 Bandwidth 120 Min. Peak Gain -1.2 Impedance 50 Operating Temperature -40 85 MHz MHz dBi Ohm .Return Loss 2D Radiation Patterns ...

lang:en score:17 filesize: 483.7 K page_count: 3 document date: 2024-12-11



[\[pdf\] Confidentiality Request Letter](#)

USA ConfidentialityRequestLetter V0 1 Dongguan Sobast Digital Technology Co Ltd S OW1PRO True wireless Bluetooth headphones 2BMP8 2BMP8SOW1PRO s ow1pro

...

lang:en score:16 filesize: 104.62 K page_count: 1 document date: 2024-12-27

Covered Equipment Attestation Letter
For Certification Service in the USA

Federal Communications Commission
Equipment Authorization Division, Application Processing Branch
7435 Oakland Mills Road
Columbia, MD 21046

To whom it may concern

Pursuant to Section 2.941(d)(5)(b) (i) of the Commission's Rules (47 C.F.R.) we attest as follows for the product listed below:

FCC ID	Model name
2BMP8-S-OW1PRO	S-OW1pro

We,

Applicant	Company Name
	Dongguan Sobast Digital Technology Co., Ltd.
	Address
	Room 302, Building 1, No. 411 Dingli Science and Technology Road, Dingli Town, Dongguan City, Guangdong Province China
	Phone
	13602534000

certify that the equipment for which authorization is sought is not "covered" equipment prohibited from receiving an equipment authorization pursuant to section 2.903 of the FCC rules. This includes the cybersecurity and anti-virus software produced or provided by Kaspersky Labs, Inc.

We certify that, as of the date of the filing of the application, the applicant is not identified on the Covered List as an entity producing "covered" equipment.

If you have any questions, please feel free to contact us at the address shown below.

Sincerely,


Signature Date: 2024-12-23

Printed Name of Signer: Xiaoxiao Liu/Majordomo
Company: Dongguan Sobast Digital Technology Co., Ltd.

[pdf]

USA CoveredEquipmentLetter Combined V1 0 Dongguan Sobast Digital Technology Co Ltd S OW1PRO True wireless Bluetooth headphones 2BMP8 2BMP8SOW1PRO s ow1pro

...

lang:en score:16 filesize: 125.54 K page_count: 2 document date: 2024-12-27

Dongguan Sobast Digital Technology Co., Ltd.
Room 302, Building 1, No. 411 Dingli Science and Technology Road, Dingli Town, Dongguan City, Guangdong Province, China

Federal Communications Commission
Equipment Authorization Division
7435 Oakland Mills Road
Columbia, MD 21046

22241216

U.S. Agent Designation

Dongguan Sobast Digital Technology Co., Ltd. acknowledges their consent for the following record located in the United States to act as their agent for use of premises for the equipment for which authorized or is sought (FCC ID: 2BMP8-S-OW1PRO):

Name and company of U.S. agent: J.P. Quinn, Inc.
Physical U.S. address of agent: 8876 Wilshire Ave Ste 1100, Denver, CO 80203, U.S.A. State: CO
FBI or U.S. agent: 000007813
Print address of U.S. agent: j.p.quinn@j-quinn.com

J.P. Quinn, Inc. acknowledges their obligation to accept service of process on behalf of Dongguan Sobast Digital Technology Co., Ltd.

Dongguan Sobast Digital Technology Co., Ltd. with its FCC ID (200394602) accepts its obligation to maintain an agent for service of process in the United States for no less than one year after the grant has been properly completed and inspection of the applicable equipment within the U.S. in the event of any Commission-related administrative or judicial proceedings involving the equipment submitted in here.

By signing this form, we confirm this agent and that we are aware of the application requirements listed under § 2.941(d)(7).

(see information provided in this letter is based on the referenced rule parts of 18.41 of the CFR, as well as 47CFR Section 2.941).

An expiration date for this letter does not exist, in case the U.S. agent changes, the practice is obligated to notify the FCC within 30 days after granting TSB.

Sincerely,


Signature
Xiaoxiao Liu
Majordomo
Dongguan Sobast Digital Technology Co., Ltd.


Signature
J.P. Quinn
Manager
J.P. Quinn, Inc.



[pdf]

US Agent 2 911 d 7 U V05 Dongguan Sobast Digital Technology Co Ltd S OW1PRO True wireless Bluetooth headphones 2BMP8 2BMP8SOW1PRO s ow1pro

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lang:en score:16 filesize: 1.11 M page_count: 1 document date: 2024-12-24