Vencer Co., Ltd. 晶綸股份有限公司

Bluetooth Stereo Headset
VS-2000

PRODUCT DESCRIPTION:

This Bluetooth Stereo Headset wirelessly connect to your Bluetooth enabled music players (such as: PCs, laptops, CD players, and iPODs …) for all your multimedia applications. Listen to CDs, MP3s, and DVDs from your computer in full-range quality stereo sound. This Bluetooth Stereo Headset can connect to a Bluetooth music player and your mobile phone separately and automatically mutes the music when a phone call is answered on the headset. It mutes the music and switch to the phone mode while a call is answered. So you will not miss any important phone calls while you were driving or listening to the music.

This Bluetooth Stereo Headset provides friendly user's interface and all operations can be done in six buttons. It is designed to suppress noise, eliminate echo and produce full duplex sound for crystal clear calls. This Headset model is Bluetooth Standard 2.1 compliant It supports both Headset and Hands-Free profile for telephone communication and two Bluetooth profiles for audio: A2DP and AVRCP.

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PRODUCT FEATURES:

- ❖ Bluetooth V2.1 compliant.

- ❖ Up to 10 hrs playing time and 400 hrs standby time.

- ❖ LED indicator

- ❖ Wirelessly connect to your multi-media applications and your Bluetooth mobile phone separately.

- ❖ Supports headset, hands-free for mobile phone usage, A2DP/AVRCP profiles for music listen

- ❖ On chip DSP for SRS WOW HD audio.

- ❖ Music mutes while call is answered.

- ❖ Integrated on board antenna

- ❖ Rechargeable battery.

SRS WOW HD is a trademark of SRS Labs, Inc.

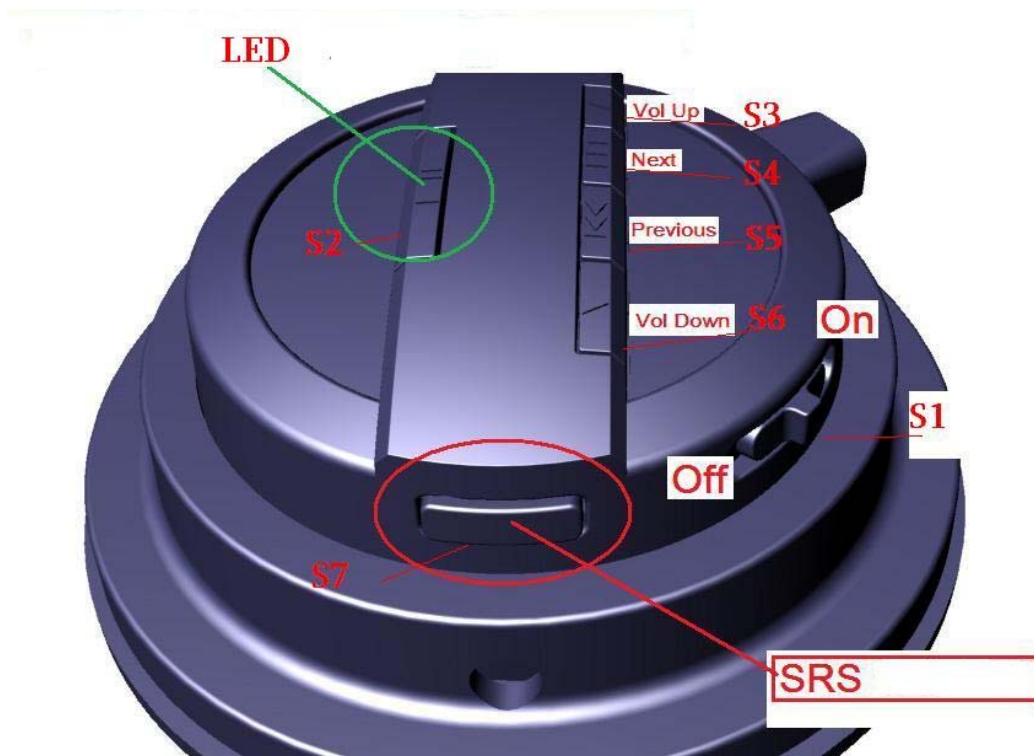WOW HD technology is incorporated under license from SRS Labs, Inc.

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PRODUCT SPECIFICATION:

Description	Bluetooth™ Stereo Headset (VS-2000)
Standard	Bluetooth 2.1 specification, Class II
Bluetooth Profile Supported	HSP, HFP, A2DP, AVRCP Profile
Operating Range	10 Meters (33 feet)
Operating Frequency	2.402 GHz - 2.4835 GHz ISM Band
Buttons	Pick up / Hang up / Power on / Power off / Pairing Previous / Next / Vol+ / Vol - / Play / Pause
Connection	Point-to-Point
RF Output power	2 dBm (Class II)
Power Supply	+3.7V Li-polymer Battery.
Side Dimension	190*160*70 mm
Weight	155 g
Operating Temperature	-10°C to 55 °C
Storage Temperature	-20°C to 70 °C
Storage Humidity	10% to 90%
Receiver Sensitivity	0.1% BER for all packet types -85dBm
Operation Current	40mA
Low Power Mode	Low Power Mode < 1mA
Talking time	Up to 10 hrs
Standby time	Up to 400 hrs
SNR (DAC)	95 dB (48 KHz)
SNR (ADC)	78 dB (44.1 KHz)
Speaker	Ø 40,

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Button Function :

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Product Picture:

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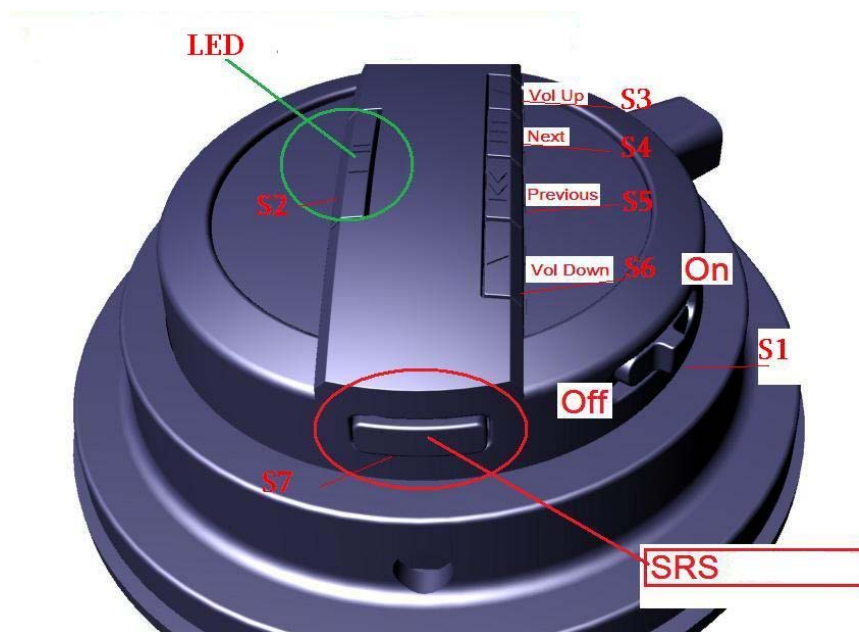
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The Bluetooth Stereo Headset is a Bluetooth device developed with the latest Bluetooth technology, which can connect to other Bluetooth devices such as mobile phone, desktop or notebook computer, PDA which supported HSP or HFP(for voice) or A2DP(for music) profile.

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Getting Started

1. Charging Battery

The Headset comes with a rechargeable battery included. The battery is not fully charged when it is new. For first time use, it takes 3 hours to fully charge the battery. Afterwards, it will take about 2 hours to fully charge the battery.

Plug the charge cable or adapter. The RED indicator on the headset will light on.(If the headset is power ON state, the RED LED will flash alternative with BLUE LED) when battery is charging.

When the battery is full, the RED indicator will turn off.

2. Turning the Headset On or Off

- To turn the Headset on

Turn the ON/OFF switch (S1) to ON position, then the blue indicator of the Headset flashes. The Headset is now turned on.

- To turn the Headset off

Turn the ON/OFF switch (S1) to OFF position, and then the Headset will turn off.

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3. Pairing the Headset

You are required to pair the Headset with your Bluetooth mobile phone/audio device/PC/PDA before using the Headset.

Step 1 : Turn ON the headset. Hold and keep pressing the Pairing button (S2) for 3 seconds until the **blue** and the **red** indicators are flashing alternatively. The headset is now ready for pairing.

Step 2 : Initiate pairing process on your Bluetooth mobile phone/Audio Device/PC/PDA to pair with the Headset. After search, you can find the device name "VS-2000"

Step 3 : When asked the Passkey by the mobile phone, enter 1234 and confirm it. (*Note: The 1234 is a Default pin-code pre-stored in the Headset.*)

When pairing is successful, the red indicator will turn off and the blue indicator will flash..

If pairing can not finish in a period of time (approx. 2 minutes), the Headset will return to standby mode. You may need to repeat steps 1 to 3 until pairing succeeds.

4. Listening to Music

If the Bluetooth Device supported Bluetooth stereo audio (A2DP profile), you can listen music by the headset. And adjust the Headset volume by press the Volume Up (S3)and Volume Down (S6)button.

If the Bluetooth Device supported AVRCP profile also, you can control music playback by headset button PLAY (S2) / PAUSE (S2) / FWD (S4) / REV (S5)

5. SRS

Press and hold SRS button (S7) for 3 seconds to enable the SRS feature, and press and hold SRS button (S7) for 3 seconds to disable the SRS feature if SRS is enabled.

Press SRS button (S7) to select SRS mode when SRS is enabled. There are 4 SRS WOW HD mode in VS-2000.

6. Making Calls

Using the phone keys to make call

Dial the number on the mobile phone as you normally do. Once the call has been set up, the sound will be transmitted to your Headset automatically.

7. Answering Calls and Ending Call

When the Headset is powered on, and there is an incoming call, you will hear a ring tone.

(1) When the Headset rings, press the Answer button (S2) to answer.

(2) Adjust the Headset volume by press the Volume Up (S3) and Volume Down (S6) button.

(3) End calls by pressing End button (S2) or don't press any button.

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8. Making Bluetooth Connection from Headset

By press the PLAY/PAUSE/Answer/End button (S2), the headset can connect with the paired stereo audio device (A2DP profile), like PC or MP3 player, automatically.

Low Battery

When the **RED** indicator starts to flash and heard alert at headset, it indicates that the Headset is running low on battery.

Charge the Headset until the **RED** indicator turns off.

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FCC Compliance and Advisory Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, according to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

1.Reorient the receiving antenna.

2.Increase the separation between the equipment and receiver.

3.Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.

4.Consult the dealer or an experienced radio/TV technician for help.

Any special accessories needed for compliance must be specified in the instruction manual.

Warning: A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used. Use only shielded cables to connect I/O devices to this equipment.

CAUSION: Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.