Celleden

Wireless Stereo / Speakerphone

User's Guide

Index (EN)

Package Contents (EN)

Main unit

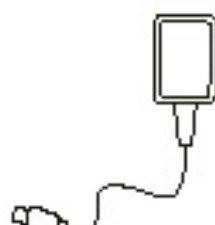Storage case

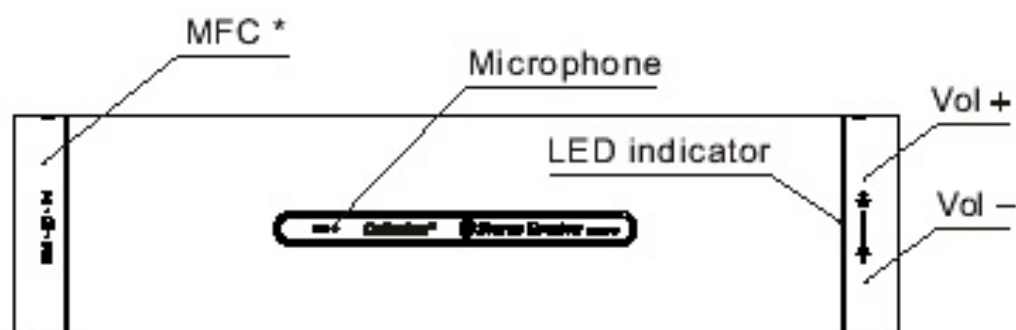Audio Cable

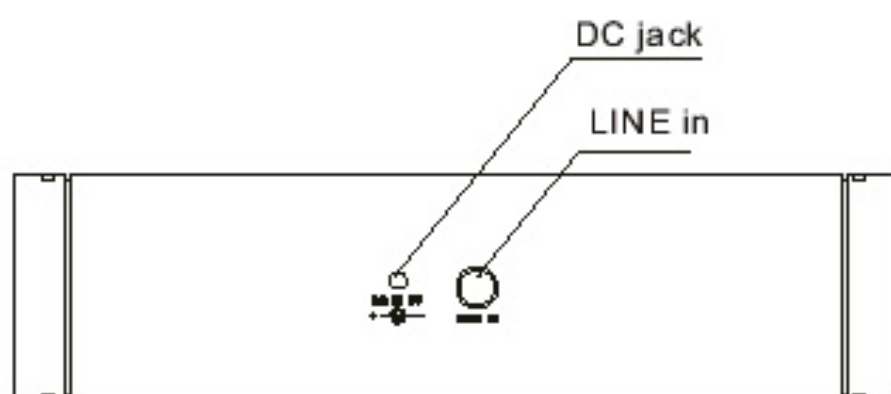5v AC/DC Power Adapter

USB Charging Cable

User's Guide

Quick Guide

The accessories may be subject to change for the sake of product improvement.
Changes may be made without prior notice.

Functional Parts (EN)

MFC *

Microphone

LED indicator

Vol +

Vol −

Front

DC jack

LINE in

Back

* Multi-function control:
   Power/Pair/Talk/Reject/Play, Pause,etc.

Welcome (EN)

Thank you for your purchase of our STB-2815 Wireless Stereo/Speakerphone. This User's Guide will help you to learn the basic features. Please read it carefully before using.

You will find the STB-2815 to be convenient, compact and easy to use. It's both a handsfree speakerphone with built-in DSP microphone, and a streaming stereo music player. It can connect wirelessly to almost any Bluetooth® device, or by wire to any music source with a 3.5 mm jack. Please note that your Bluetooth® music source must be able to transmit A2DP stereo - if not, you may need an accessory audio adapter. If you're not familiar with some of the technical terms in this Guide, please consult the glossary on page 15.

Operating Instructions (EN)

Example

Bluetooth® mobile phone

USB Bluetooth® Stereo Dongle

Bluetooth® enabled PDA

with 3.5mm Jack
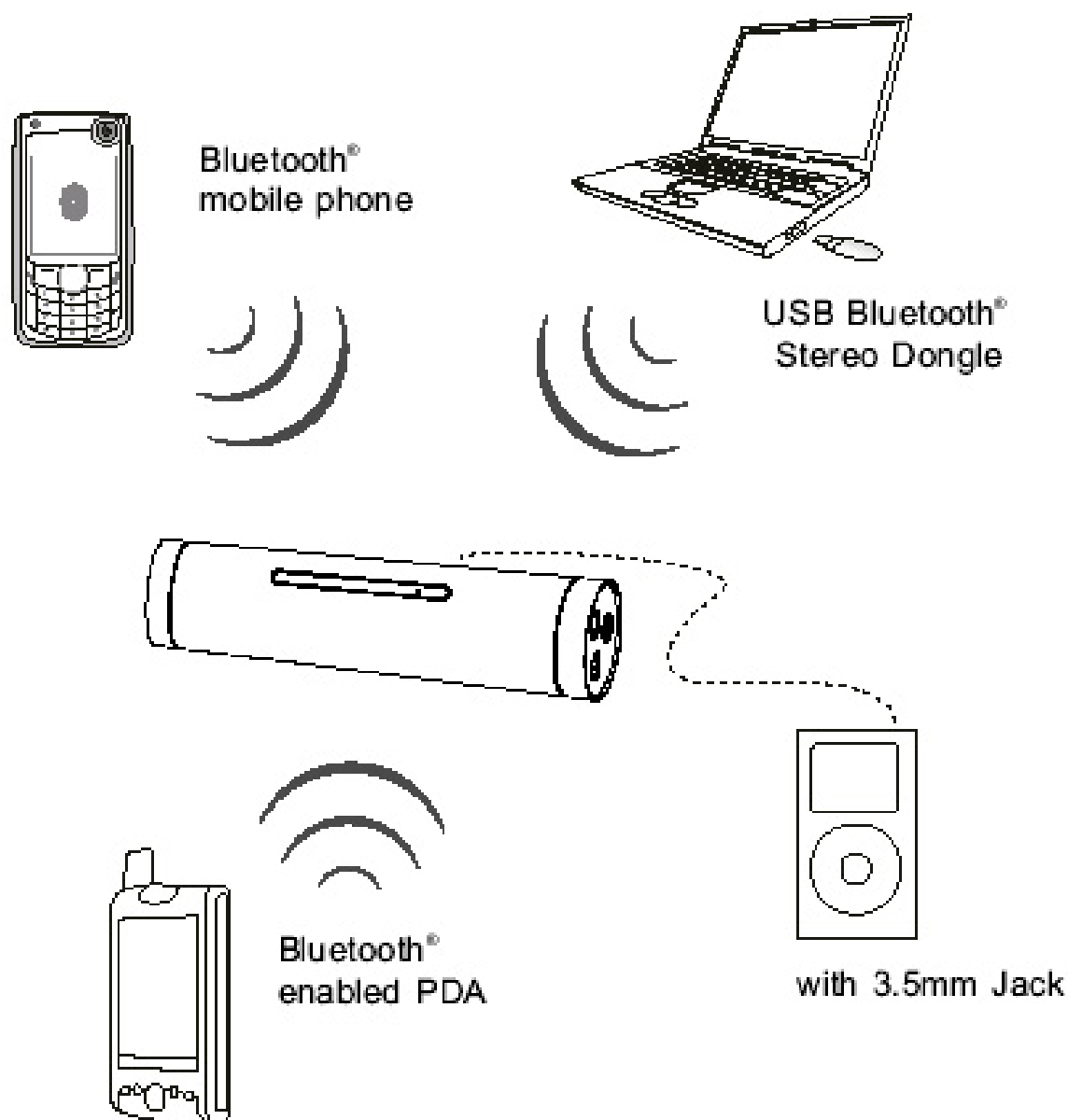
Operating Instructions (EN)

Charging

With the accessory charging cable, connect the STB-2815 to the USB port of any PC or laptop. Or use the AC/DC adapter to connect to any fixed power outlet. In both cases, the red LED will indicate when charging has begun and will go off when completed.

Note: Be sure to charge the unit for at least 2.5 hours before the first use.

Power on/off

Press and hold the MFC *inward* for about 4 seconds (see diagram) until the blue indicator flashes and there is a tone from the speakers. The unit will now be in Standby mode. Press and hold inward for 2 seconds until the red light flashes and there is another tone from the speakers. The unit will now be off..

Please note that the STB-2815 needs to be paired with another Bluetooth® source before it can transmit voice or music. See the next section.

about 4 seconds
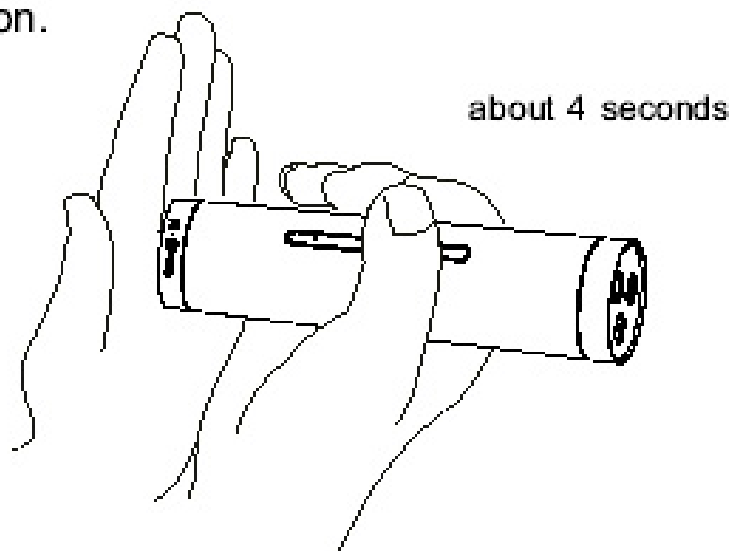
Operating Instructions (EN)

Pairing

"Pairing" means creating a trusted relationship between two or more Bluetooth® devices. The devices must be paired before they can communicate with each other. Pairing identification is stored for later use, and the devices will automatically recognize each other the next time they are connected. The STB-2815 will store up to 7 device IDs in memory, although it can only connect to one device at a time.

Note: Make sure the STB-2815 is "off" before starting the Pairing procedure.

How to pair with cellphones

1. Place the STB-2815 within 30 cm of the device to be paired with.

about 6 seconds

Code: 1234

<30cm>
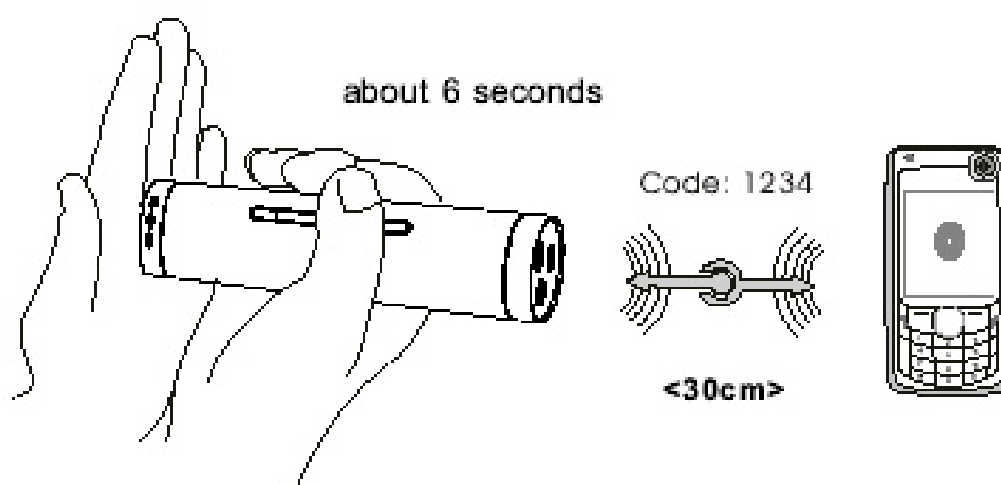
Operating Instructions (EN)

2. Press and hold the MFC in for about 6 seconds, until the red and blue LEDs flash alternately. The STB-2815 will now be in Pairing mode.
3. Initiate the Bluetooth® search function in the cellphone. Please refer to the user's manual of the cellphone for more information.
4. Select "STB-2815" in the device list on the phone and follow the instructions to proceed.
5. Follow the instruction to enter the pairing code "1234". The red LED indicator will stop flashing if pairing is successful. The STB-2815's device ID will be stored in the device list of the phone so that no pairing will be required for the next use.

Volume adjustment

At any time during a phone call, or while playing music, the volume can be changed with the Vol+ or Vol- control ring.

Operating Instructions (EN)
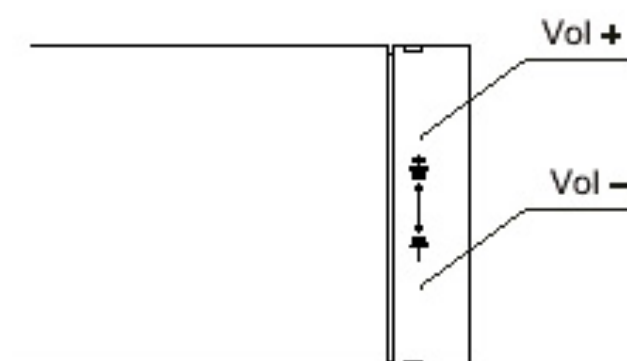
Stereo Music

After pairing with a Bluetooth® device that supports the A2DP profile, such as a PC or a cellphone, the music output of those devices will be transmitted to the STB-2815 and the music play can be controlled from the STB-2815 (please refer to the attached control overview).

Answering/Ending phone calls

If you are playing music from the cellphone, the music play will be paused when there is an incoming call. A beep tone will also be heard to notify that there is an incoming call. Press the MFC once to answer the call and press it once again to end the call. When the call is ended, the music play will be automatically resumed.

Operating Instructions (EN)

Control overview

Status	MFC	
	Press briefly	Press and hold
Power Off	No function	Power on (around 4 secs)
		Enter pairing mode (around 6 secs)
Standby	Voice activated dial	Power off (around 2 secs)
Pairing	Cancel pairing	Power off
Voice Activated Dial	Cancel Voice Activated Dial	Power off
Incoming call	Answer call	Reject call
During a call	End call	Power off

The voice activated dialing function only works with cellphones that support this function.

Note: Some cellphones may not support some or all of the above functions. Please refer to the user's manual of your cellphone for more information.

Operating Instructions (EN)

Control overview

The functions below only apply to devices supporting the A2DP / AVRCP profile. Consult the user's manual for more information. Here is the control overview for playing stereo music.

Status	MFC	
	Press briefly	Press and hold
Standby	Play	Power off
Play	Pause	Power off
Pause	Play	Power off

Pairing with other Bluetooth®
devices

a. Pairing with a Bluetooth® enabled PDA

1. Refer to the pairing procedure (1 & 2) shown on page 8.
2. Initiate the Bluetooth® search function on the PDA. Please refer to the user's manual of the PDA for more information.
3. Select "STB-2815" in the device list on the PDA and follow the instructions to proceed. The pairing code is "1234".

Operating Instructions (EN)

b. Pairing with a Bluetooth® Audio Adapter (the Celleden STB-3131 and STB-381 are strongly recommended)

1. Refer to the pairing procedure (1 & 2) shown on page 6.
2. Initiate the pairing function of the Bluetooth® audio adapter. Please refer to the user's manual of the adapter for more information.
3. The red LED indicator on STB-2815 will stop flashing when pairing is successful.

Line-in

When connecting the STB-2815 to another music source via the 3.5mm jack,a green LED indicator will turn on and the Bluetooth function will be cancelled. The STB-2815 will not operate as a handsfree device.

Note: In order to save power,please unplug the audio cable when not in use.

Low-power prompt

The red LED will flash when the power level is low. Please recharge the unit.

Important Information (EN)

(Note: Please read all this information before using the STB-2815 Wireless Stereo/Speakerphone)

1. Check for any exceptions or rules, due to national/local requirements or limitations, in usage of the STB-2815 or any other Bluetooth®d evices.
2. Please note that only authorized Celleden dealers or service partners should remove and/or replace the rechargeable battery, or any other components.
3. Please use Celleden original accessories only. Use of non-Celleden original accessories may result in damage, loss of performance to the STB-2815, injury, electric shock or even fire.
4. Please do not expose the STB-2815 to extreme high or low temperatures, moisture or fluid.
5. Please do not drop, throw or bend the STB-2815 as rough treatment will damage them .
6. If the STB-2815 will not be used for a while, please store them in a place where it is dry, free from dust, and not prone to extreme temperature fluctuations.
7. RF frequency and energy may affect some electronic systems in a motor vehicle. Please check with the manufacturer to ensure that the STB-2815 will not affect the electronic systems in the motor vehicle.

Important Information (EN)

8. Some medical electronic equipment may not be shielded from RF energy. Therefore, please do not use the headphones near medical equipment without permission.

9. Please turn off the STB-2815 before boarding any aircraft. To prevent any interference with communication systems, please do not use the Stereo Headphones while the plane is in the air.

10. Please turn off the STB-2815 in any area with a potentially explosive atmosphere.

11. Please do not allow children to play with the STB-2815 since it contains small parts.

12. Please do not expose the rechargeable battery to extreme temperatures. If the battery is used at low temperature , the battery capacity will be reduced.

Glossary (EN)

A2DP: Advanced Audio Distribution Profile

This converts normal audio files, such as MP3 files in a cellphone or a computer, into streaming stereo music. Many new cellphones are being made with this feature built-in.

AVRCP: Audio / Video Remote Control Profile

This feature allows the user to control the output of one device from a remote device. For example, if you are listening to music on your STB-2815 from your cellphone, you can control the functions of the cellphone by using the STB-2815 controls for volume, call transfer, etc.

Audio Adapter (Dongle):

Some devices don't support transmitting via Bluetooth®, or don't support stereo sound. An audio adapter, sometimes called a stereo "dongle", will allow the device to transmit in Bluetooth® stereo. Typical adapters will be used for CD players, MP3 players, computers or iPods. They will usually plug into a standard USB port or 3.5mm jack, and allow for wireless connections between many kinds of devices.

Specifications (EN)

Bluetooth version: Bluetooth v2.0,class 2
Working range: Max 10m
Frequency range: 2.402-2.480GHz
Support profile: HFP, HSP, A2DP, AVRCP
Power supply: Built in li-ion rechargable battery
Talk time: about 15 hours
Music playing time: about 8 hours
Speaker output Power: 2 W X 2
Impedance: $4\Omega \pm 15\%@1V,1KHz$
Frequency response: 20Hz~20KHz
Product size: 40x40x160mm
Product weight: 170g
Operation temperature: $-10^{\circ}C \sim + 40^{\circ}C$

Note: The STB-2815 is connected to a mobile phone or other electronic device using radio frequency signals which cannot guarantee connection under all conditions or circumstances. Therefore, please never rely solely upon the STB-2815 for essential or emergency communications.

Conformity Declaration (EN)

FCC:

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.

CE:

We, Audex Telecom Industrial Co., Ltd. declare under our sole responsibility that our product Celleden Wireless Stereo Speakerphone (STB-2815) and in combination with our accessories, to which this declaration relates, is in conformity with the appropriate standards, EN 301489,EN 300328, and EN 60950, following the provisions of Radio Equipment and Telecommunication Terminal Equipment directive 99/5/EC, with requirements covering EMC directive 89/336/EEC, and Low Voltage directive 73/23/EEC.

ROHS:

All Audex Telecom products are fully compliant with the ROHS Directive 2002/95/EC.

WEEE:

All Audex Telecom products are fully compliant with the WEEE Directive 2002/96/EC.

Warning:

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 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 to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

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

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

Modifications not authorized by the manufacturer may void users authority to operate this device.

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