

Instructions for Use  
Installation Guide

# PHONE ADAPTER 2





# Table of Contents

General Warnings and Safety Guidelines	5
Introduction	7
Phone Adapter 2 Overview	8
<b>Installation</b>	<b>9</b>
Activating the Phone Adapter 2 for the First Time	10
Setting Up the Phone Adapter 2	11
Pairing SoundGate with the Phone Adapter 2	14
<b>Instructions for Use</b>	<b>17</b>
Additional Information	22
Visual Indicators	23
Technical Information	24
Information and Explanation of Symbols	29
Service	30

Congratulations on the purchase of your new Phone Adapter 2 wireless accessory. Your Phone Adapter 2 is intended to be used together with Bernafon SoundGate devices and Bernafon hearing instruments. This enables you to communicate wirelessly with a phone conversation partner via a landline phone (analogue/PSTN).

Great care and attention has been paid to ensure that your device has the highest quality and is easy to use and maintain.





Please read the entire contents of this booklet before using your Phone Adapter 2. It contains instructions and important information about its use and handling.

# General Warnings and Safety Guidelines

Familiarize yourself with the following general warnings before using your Phone Adapter 2.

## **Products to be connected to external equipment**

-  The safety of the use of the Phone Adapter with the auxiliary input cable is determined by the external signal source. When the input cable is connected to mains-operated equipment, this equipment must comply with IEC-60065, IEC-60601, IEC-60950, or equivalent safety standards.
-  The Phone Adapter is designed to comply with the most stringent Standards of International Electromagnetic Compatibility. However, the Phone and TV Adapter may cause interference with other medical devices. Please contact relevant personnel to obtain permission before using the Phone Adapter in hospitals or similar venues.



The Phone Adapter is not a toy and therefore should be kept out of the reach of children or anyone else who might swallow parts or otherwise cause injury to themselves. Special attention should be paid to smaller components in order to prevent children from swallowing them and choking. If a part is swallowed, see a doctor immediately.



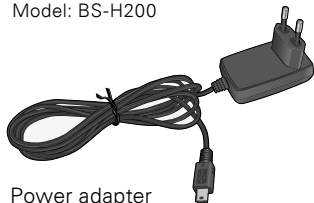
Phone Adapter 2 is intended for residential use with an analog phone line. Phone Adapter 2 is not intended for use with digital phones that may be part of a digital/commercial system. Unintended use with a digital phone system may result in lack of functionality, malfunction or damage to the Phone Adapter 2 and will invalidate the warranty. If you are unsure of the type of phone system in use in your home, or at your workplace, we recommend that you contact your local phone company before installing the Phone Adapter 2.

# Introduction

The following items are included within your Phone Adapter 2 package and will be covered within this instruction guide:



Phone Adapter 2  
Model: BS-H200



Power adapter

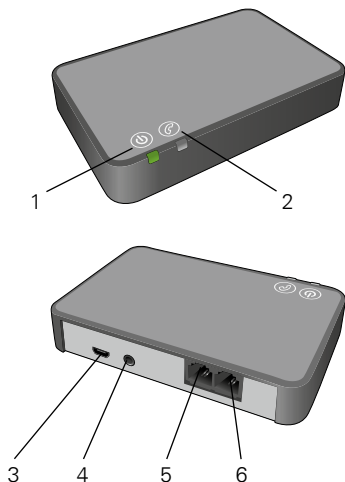


Standard analog phone cable



Installation Guide and  
Instructions for Use

## Phone Adapter 2 Overview



1 Power indicator

2 Status indicator

3 Power input

4 AUX input\*

5 Phone "IN" connector

6 Phone "OUT" connector

\* For a wireless headset connection to digital office phones using the Phone Adapter 2 Office Phone Kit. For further information please ask your hearing care professional.



# INSTALLATION

## Activating the Phone Adapter 2 for the First Time

Before using with your landline telephone, the Phone Adapter 2 must be connected to a power outlet and an active landline telephone.

The following pages offer easy step-by-step instructions on how to install and operate your Phone Adapter 2 device.

## Setting Up the Phone Adapter 2

1. Ensure the Phone Adapter 2 is connected to a power outlet using the power adapter included in the Phone Adapter 2 packaging. The power indicator on the Phone Adapter 2 will illuminate green when power is connected.



2. Remove the telephone cable from an active landline telephone (or base station).\*



3. Insert the telephone cable removed from the landline phone into the Phone "IN" connector of the Phone Adapter 2.



4. Insert one end of the standard analog phone cable included in the Phone Adapter 2 packaging into the Phone "OUT" connector of the Phone Adapter 2.
5. Insert the opposite end of the same standard analog phone cable into the landline telephone (or base station).\*



Lift the handset from your landline phone. You should now be able to hear the dial tone from the handset speaker.

\* If your telephone or base station does not have a detachable plug for the landline connection, you should either try using an alternative phone or a technician must be contacted to complete this installation.

## Pairing SoundGate with the Phone Adapter 2

Phone Adapter 2 may be used with all versions of SoundGate. Please follow the instructions below, specific to the version of your SoundGate.



**SoundGate 3**  
**SoundGate 2**



**SoundGate**



Pairing is done only once and will normally not have to be repeated.

## Pairing with SoundGate 3/SoundGate 2

Ensure the Phone Adapter 2 is connected to a power outlet and the SoundGate battery is charged and powered ON. The power indicator on the Phone Adapter 2 and the SoundGate should be illuminated green.

1. Press and hold the SoundGate Power key for 5–6 seconds until the SoundGate status indicator starts flashing blue rapidly.



2. Place the SoundGate on top of the Phone Adapter 2 – the pairing can take up to 60 seconds. The pairing is completed when the Phone Adapter 2 power indicator turns stable blue.



## Pairing with SoundGate

Ensure the Phone Adapter 2 is connected to a power outlet and the SoundGate battery is charged and the key lock is in the unlocked (Green) position. The power indicator on the Phone Adapter 2 should be illuminated green.

1. Press and hold the Bluetooth® key for 6–8 seconds until the blue light flashes rapidly.
2. Place the SoundGate on top of the Phone Adapter 2 – the pairing can take up to 60 seconds. The pairing is completed when the Phone Adapter 2 power indicator turns stable blue.



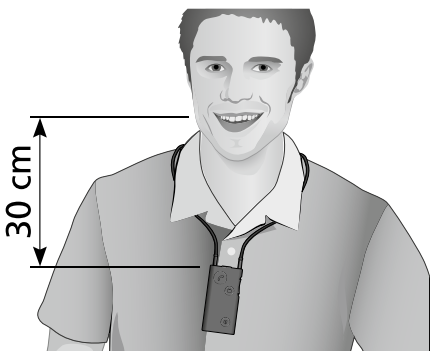


# INSTRUCTIONS FOR USE

For optimal use with the Phone Adapter 2, ensure the SoundGate is worn with the neck strap antenna and that the hearing instruments are powered on.

## **Make a Phone Call**

1. Press the SoundGate Phone key. You will hear a dial tone in the hearing instruments and the SoundGate Phone key will illuminate green. The Phone Adapter 2 status indicator will also be illuminated green while streaming a call.
2. Pick up the handset from your landline phone and dial a phone number. Then return the handset to the landline phone cradle. You will now hear the call tone.
3. When the other party answers the call, the phone conversation can begin. To ensure optimal sound quality for the person you are speaking with, it is recommended to wear your neck loop and position the SoundGate microphone 10–30 cm (4–12 inches) from your mouth.



4. To end the phone call at any time, press the SoundGate Phone key. The Phone key on the SoundGate and the Phone indicator on the Phone Adapter 2 will no longer illuminate and the previous listening program will resume in the hearing instruments.

## Answer a Phone Call

1. You will hear a call tone in your hearing instruments when your landline telephone receives an incoming call. The phone indicator on the Phone Adapter 2 and the Phone key on the SoundGate will blink green.
2. Press the SoundGate Phone key to accept the call. The SoundGate Phone key and the Phone Adapter 2 status indicator will illuminate green.
3. The call is now directed to the hearing instruments and the phone conversation can begin. To ensure optimal sound quality for the person you are speaking with, it is recommended to wear your neck loop and position the SoundGate microphone 10–30 cm (4–12 inches) from your mouth.



### **For SoundGate 3/SoundGate 2 only**

If you wish to reject the incoming call, simply press and hold the Volume Down key on the SoundGate for 2–3 seconds.

4. To end the phone call at any time, press the SoundGate Phone key. The Phone key on the SoundGate and the Phone indicator on the Phone Adapter 2 will no longer illuminate and the previous listening program will resume in the hearing instruments.

## Additional Information


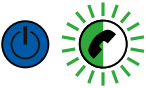










### **Turn Off the Phone Adapter 2**

If you do not wish to receive calls to your SoundGate, turn off the Phone Adapter 2 by disconnecting the power adapter. For normal use, the Phone Adapter 2 uses very little power so it is not necessary to turn it off.

### **Range**

The Phone Adapter 2 has a range of up to around 30 meters (38 feet) to SoundGate, depending on furniture and walls between the devices.

# Visual Indicators

Description	SoundGate and Phone Adapter 2 connected. No active phone call.	Phone ringing. You will hear an incoming call tone in your hearing instruments	When the call is initiated, you will hear a short beep to indicate the connection to your hearing instruments
<b>Phone Adapter 2</b>			
<b>SoundGate 3/ SoundGate 2 front status</b>			
<b>SoundGate 3/ SoundGate 2 top status</b>			
<b>SoundGate front status</b>			

## Technical Information

Due to the limited size available on the device, many of the relevant approval markings are found in this document.

The emission power from the Phone Adapter 2 is max. 39 dB $\mu$ V/m @ 3 meters and is well below international emission limits for Human Exposure. The Phone Adapter 2 complies with international standards concerning Electromagnetic Compatibility.

This instrument contains a module with:



FCC ID: UXZBSH200

IC: 8191A-BSH200

The device complies with Part 15 of the FCC rules and RSS-210 of Industry Canada.



## **FCC Statement**

Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

To comply with FCC RF exposure requirements, the device and the antenna for this device must be installed to ensure a minimum separation distance of 20 cm or more from a person's body. Other operating configurations should be avoided.

**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 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.

### **IC Statement**

Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Hereby, SBO Hearing A/S declares that this Phone Adapter 2 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Declaration of conformity is available at:

SBO Hearing A/S

Kongebakken 9

DK-2765 Smørum

Denmark

This product is intended for connection to the public switched analogue telephone network and may be operated in EU and EFTA countries.

# Information and Explanation of Symbols



The CE conformity marking indicates conformance to all applicable European Directives.



This symbol indicates that it is important for the user to read and take into account the relevant information in these instructions for use.



This sign indicates important safety information that must be observed to minimize risks or to avoid hazardous situations.



Important information for handling and product safety.



The crossed-out wheeled bin indicates that the European Directive on waste of electronic equipment applies.



EMC and Radio communications compliance label Australia and New Zealand

---

## Service

If the information listed on the previous pages did not solve a problem you are having with your Phone Adapter 2 device, please contact your hearing care professional.

Do not attempt to repair your Phone Adapter 2 device yourself.

Place stamp with dispenser name and address here:





SBO Hearing A/S  
Kongebakken 9  
DK-2765 Smørum  
Denmark  
[www.sbohearing.com](http://www.sbohearing.com)



E2831



Waste from electronic  
equipment must be  
handled according to local  
regulations.



0000168209000001

**bernafon**   
*Your hearing • Our passion*