

# B-Speech®

## Calypso SP

User Manual  
Benutzerhandbuch  
Manual d'utilisation  
Modo de uso  
Manuale di istruzione  
Uživatelská příručka



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## Federal Communications Commission (FCC) Statement

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

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.

Operation is subject to the following two conditions:

- 1) this device may not cause interference and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC 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.

## **FCC Wireless Compliance**

The antenna used with this transmitter must not be colocated or operated in conjunction with any other antenna or transmitter subject to the conditions of the FCC Grant.

## **Europe–EU Declaration of Conformity**

This device complies with the specifications EN 300 328, EN 301-489 and EN 60950-1 following the provisions of the R&TTE Directive.

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## About This Manual

This manual provides information for setting up and configuring the Headset. This manual is intended for home users.

## Safety Information

- Only use the supplied travel charger.
- Do not place anything on the power cord. Place the power cord where it will not be in the way of foot traffic.
- Before cleaning the Headset, disconnect the travel charger.

## Getting Started with the Headset

### Congratulations on your purchase!

This section covers unpacking the Headset and identifying components.

### Unpacking and Checking the Contents



Headset



Travel Charger



USB Cable



2x2 Cover



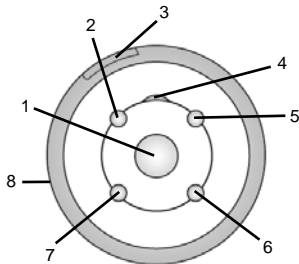
Quick Guide

If any item is missing or damaged, repack the Headset and return it to your reseller.

## Identifying Components

The following illustration shows the Headset parts.

### Headset Parts



- 1 - Press to turn on/off
  - Press to pairing with an Bluetooth device
  - Press to answer incoming call
  - Press to finish a call
- 2 - Next
- 3 - Charging port
- 4 - Status LED
- 5 - Volume down
- 6 - Volume up
- 7 - Previous
- 8 - Microphone

## Headset Status LEDs Main Functions

### Link-Color

#### **LED**

Blue/Amber

### Function

Power on

Blue flashing quickly

Searching

Blue flashing slowly

Connected to device

### Power

#### **LED**

### Color

Amber

Amber off

### Function

Charging

Charging complete

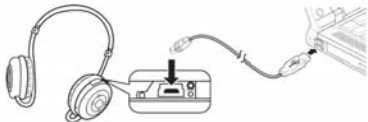
## Charging the Headset Batteries

The Headset has a built-in rechargeable battery. Batteries can be charged through the USB cable or the travel charger.

### Charging with the USB Cable

Refer to the following to charge the Headset with the USB cable.

1. Connect the small connector on the USB cable to the Headset.
2. Connect the other end of the cable to a USB connector on your computer. The Power LED lights red to indicate charging.
3. Unplug the USB cable when the Power LED is off.

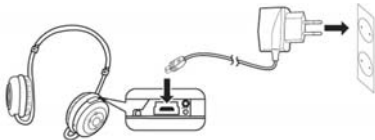


**NOTE:** Most notebook computer USB connectors are horizontal. The USB cable should be connected with the USB icon facing up. If the USB connector on your computer is vertical, connect the cable carefully to avoid damaging the connectors.

### Charging with the Travel Adapter

Refer to the following to charge the Headset with the travel adapter.

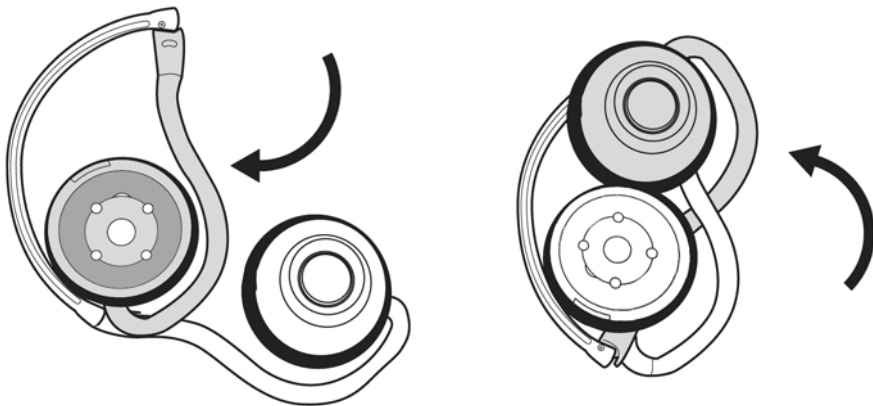
1. Connect the small connector on the USB cable to the Headset.
2. Connect the adapter to an electrical outlet. The Power LED lights red to indicate charging.
3. Unplug the USB cable when the Power LED is off.



**NOTE:** The travel adapter can be used with 110V and 220V (auto switching). If you need to use a socket adapter, be sure the adapter is correctly grounded for your location.

## Folding and Unfolding the Headset

You can fold the Headset for easier storage. Refer to the following illustration to fold or unfold the Headset.





## Operation

This section covers pairing the Headset with your mobile phone to answer calls or to listen to MP3 audio files.

### Pairing with a Bluetooth Enabled Phone

Refer to the following to pair the Headset with a Bluetooth enabled phone.

**Important:** Bluetooth must be enabled on your mobile phone to use this function. Refer to your phone's user manual for instructions on enabling Bluetooth.

1. Press and hold „Pair“ on the Headset for eight seconds. The link LED flashes red/blue.
2. Scroll to Bluetooth in the menu of your phone and look for a setting such as active device.
3. Select Calypso SP when it appears in the phone menu.
4. When prompted, type in the default password [1234].

The link LED lights blue when you are connected.

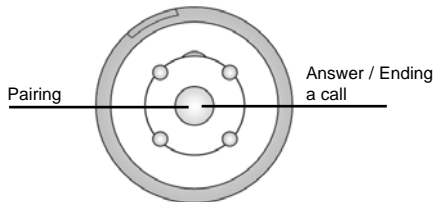
### Multiple connection

The Calypso SP can be connected simultaneously with 3 phones (2 with headset profile, 1 with A2DP-Profile). To pair and connect another phone, switch the Calypso SP off and back on again. Repeat steps 1 to 4 from the section "Pairing to a Bluetooth-enabled phone."

### Answering Calls

Refer to the following to answer a call.

1. When your phone rings, press „answer“ on the Headset.
2. Adjust the volume as you want.
3. Press „answer“ to end your call.



### Answering a further call with the second mobile phone

If a call is received on a second phone during a conversation with the first phone, it is indicated with a sound from the Calypso SP. The first conversation must be ended before accepting the second call.

**Note:** When receiving a call, the number of the caller (if not suppressed) is announced by the Calypso SP.

### Ending a Call in Progress

While a call is in progress, press „answer“ on the Headset to end the call.

### Rejecting Calls

When your phone rings, press Pair/answer button until ringing stop.

### Listening to Music on your Phone

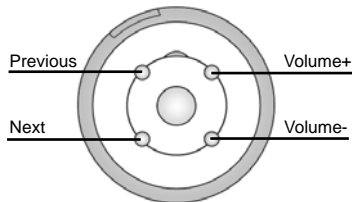
Many phones allow you to store and play Music on your phone. You can pair the Headset with your phone and listen to music through the Headset. Refer to the user manual with your phone for details.

### Adjusting the Volume

Push the volume up and down buttons on the Headset to adjust the volume while you are listening to music.

Press the left side of the volume button to decrease the volume.

Press the right side of the volume button to increase the volume.



## **Skipping Tracks**

While listening to music on your phone, use the SKIP button on the Headset to skip forward or backward to find the track you want to listen to.

Press the left side of the SKIP button to go to the previous track.

Press the right side of the SKIP button to go to the next track.

## **Appendix**











### **Troubleshooting**









Try the following if the Headset does not work:

- Ensure connecting devices are charged.
- Turn off all devices and then turn them on again in the order shown in this guide.
- Ensure devices are within the 10-meter (33 feet) range.
- Ensure no obstructions such as concrete walls are between connecting devices.

If the Headset is still not working after trying the above, pack the Headset in the original package and return the package to your reseller.

## Button Function Table

Function	Device Status	Operation	Indicators
Power On the device	Off	Long press  for 3 sec	The Blue & Amber LED blink 3 times simultaneously
Power Off the device	Standby	Long press and hold  for more than 5 sec.	The Blue & Amber LED blink 1 time simultaneously
Pairing the device	Off	Long press and hold  for more than 5 sec	The Blue LED blinks rapidly.
Answer Call	Ringling	Press  less than 1 sec.	The Blue LED blinks every 3 sec.
End Call	Talking	Press  less than 1 sec.	The Blue LED blinks 3 times every 3 sec
Reject Call	Ringling	Long press  for 3 sec	The Blue LED blinks every 3 sec.
End the 1st call to answer the 2nd call	Talking the 1st call	Double click  within 0.5 sec	The Blue LED blinks 3 times every 3 sec.
Reject the 2nd call	Talking the 1st call	Long press  for 3 sec	The Blue LED blinks 3 times every 3 sec.
Transferring the number speaking function of the incoming call and the default ring tone	Off	Long press  10 sec	The Blue LED blinks 1 times every 5 sec.
**Voice Dialing	Standby or Disconnection	Press  less than 1 sec.	The Blue LED blinks rapidly every 5 sec. or blinks every 3 sec.

Function	Device Status	Operation	Indicators
**Cancel Voice Dialing	Voice Dialing	Press  less than 1 sec.	The Blue LED blinks rapidly every 5 sec. or blinks every 3 sec
**Last Number Redialing	Standby or Disconnection	Double click  within 0.5 sec	The Blue LED blinks rapidly every 5 sec. or blinks every 3 sec.
**Transferring the talking back to mobile or headset	Talking	Long press  for 3 sec	The Blue LED blinks 3 times every 3 sec.
Volume Up	Talking or Play Music	Press + less than 1 sec.	The Blue LED blinks 3 times or twice every 3 sec.
Volume Down	Talking or Play Music	Press - less than 1 sec.	The Blue LED blinks 3 times or twice every 3 sec.
Music Playing	Stop or Pause	Press  less than 1 sec.	The Blue LED blinks twice every 3 sec.
Pause Music Playing	Playing Music	Press  less than 1 sec.	The Blue LED blinks twice every 3 sec.
Stop Music Playing	Playing Music	Double click  within 0.5 sec	The Blue LED blinks twice every 3 sec.
Forward Playing	Playing Music	Press  less than 1 sec.	The Blue LED blinks twice every 3 sec.
Backward Playing	Playing Music	Press  less than 1 sec.	The Blue LED blinks twice every 3 sec.

Note: The "" The function works only when the mobile phone supports Handsfree Profile.

## Specifications

General Radio	Bluetooth V. 2.0, Class 2, up to 5~10 meters (open space)
Operating range	Depends on paired phone model, battery power, and environmental factors.
Carrier Frequency	2,402~2,480 GHZ
Data Rate	1 Mbit/s
Spread-Spectrum	FHSS (Frequency Hopping Spread Spectrum)
Modulation Method	GFSK (Gaussian Frequency Shift Keying)
Auto-switching	While listening to music, you can receive or make a phone call with a paired mobile phone.
S/N Ratio	> 88 dB
Interface	30 mm stereo speaker
Audio Format	SBC
Sensitivity	< 0,1% BER bei -85 dBm
RF Output Power (Class 2)	0±4 dBm
Power Consumption	Tx Typical: 63mA
Rx Typical:	68 mA
Input Power	5V 500mA, AC adapter
Listening/talking Time	Up to 12 hours (factors such as distance between devices, and type of mobile phone used increase power consumption).
Dimensions (D x H)	54 mm x 25 mm
Weight	80 grams
I/O port	Mini USB jack power adapter
Microphone	Built-in microphone for mobile phone use
Built-in Battery	3.7V / 400mAh / Li-Polymer rechargeable
Battery Life	Up to 12 hours
Dynamic Power Management	Automatically power control for power consumption
Operating Temperature	0 bis 60° C
Operating Humidity	0 to 95% (non-condensing)