

BT-868

User's Manual



NR® NIETZSCHE

General Information BT - 868

The Bluetooth headset BT-868 is a most desirable cordless mobile solution that complies with the Bluetooth™ profiles specification v1.1, a new standard for wireless short distance radio communications. The one touch button and the voice activation on your Bluetooth enabled mobile phone, makes it facile for making or receiving a call without holding or finding your phone when it is not within your reach. Unlike current Bluetooth Headset available in the market place BT-868 Bluetooth Headset adopts the unique design of changeable Lithium-Polymer Battery, which provides a longer talking time and a great convenience when your Headset is running out of power. The BT-868 can be used with most of the mobile phone which supports the Bluetooth Headset profile.

BT-868 is compatible with the following phones:

Sony Ericsson

Sony Ericsson t39
Sony Ericsson t39mc
Sony Ericsson r520m
Sony Ericsson r520mc
Sony Ericsson t68
Sony Ericsson t68m
Sony Ericsson t68mc
Sony Ericsson t68i

Nokia

Nokia 6310 (*)
Nokia 6310i (*)
Nokia 8910 (*)

(*) For Nokia mobile phones, it won't be reconnected automatically if the connection with Bluetooth is lost. You will have to manually approve the re-connection on the handset. The situation is the same with other Bluetooth headsets

Operating Instruction

BT-868 Overview

Front View

INDICATOR LIGHT

Blue LED

Flashing once every 3 sec

- Stand-by-mode

Flashing once every 5 sec

- Initiate a connection with the phone

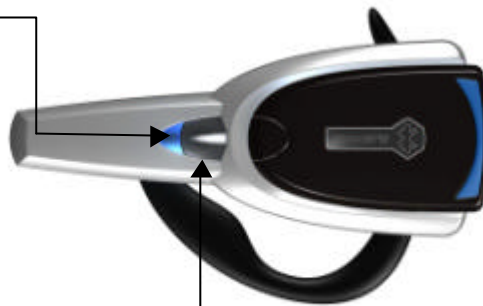
Flashing once every 10sec

- Mobile and BT-868 Connected

Red LED

Flashing once every 3sec

- Hard-Reset-mode
- Ready for pairing



BATTERY

- Lithium-Polymer Battery 220mAh
- Re-moveable
- Re-chargeable

TALK/OFF BUTTON

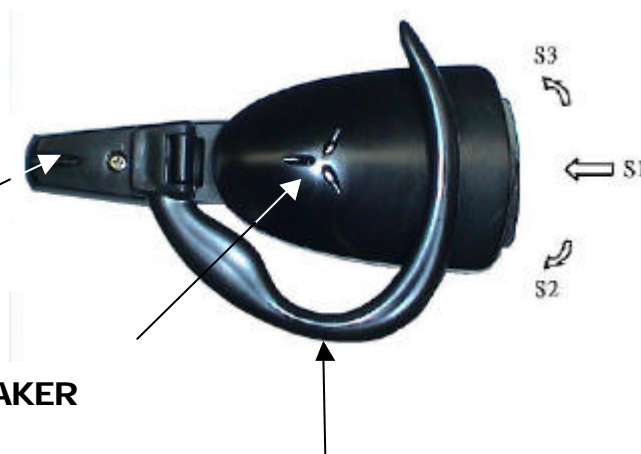
- Making a call (by using voice control)
- Answering a call
- Terminating a call
- Transferring sound from the phone to the Headset

Back View

MICROPHONE

SPEAKER

EAR HOOK



VOLUME CONTROL SWITCH

- S1 : Power ON/OFF
- S2 : Increase Volume
- S3 : Decrease Volume

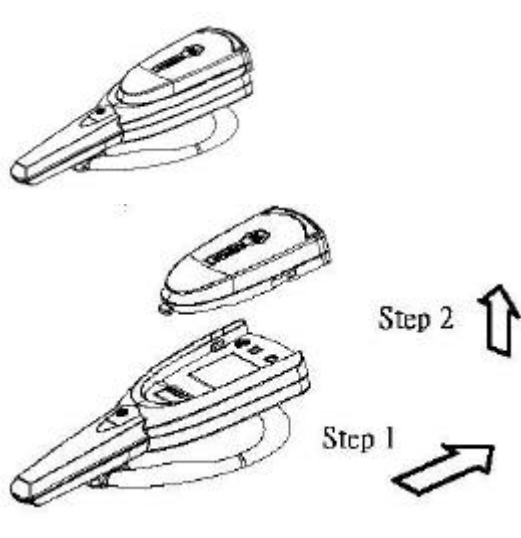
Charging

The battery is not fully charged when it is new. You must recharge it for approximately 2 hours for the first time use.

When you hear a beep in your Headset at regular intervals, it indicates the low power and you need to charge it. The charger LED turns RED when charging the battery and LED turns OFF when the battery is fully charged. With a fully charged battery, it has 200 hours of stand-by-time and can support up to 6 hours talking time.

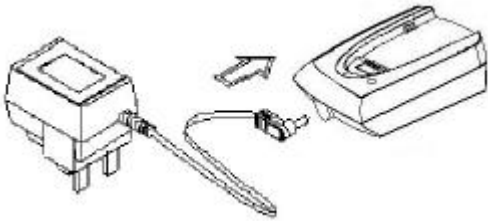
NOTE: Please use the charger provided with your product. The use of any other charger will automatically suspend the warranty.

To remove the battery



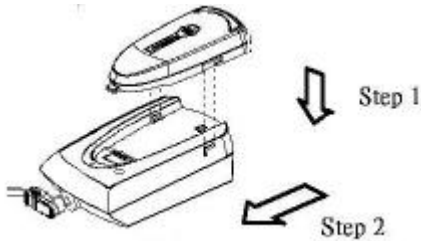
- Step 1. Push the battery backward away from the "TALK" button until it is off the hook.
- Step 2. Lift it up from the back of the battery as shown in the picture.

To charge the battery

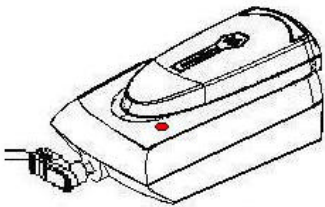


1. Connect the adaptor into the desktop battery charger as shown in the picture. Gently press the connector until it clicks into place.

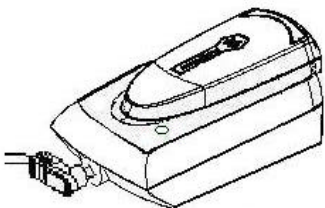
NOTE: The LED is off.



2. Insert the battery by aligning the lock to the hook on the battery charger, and pushed it towards the "TALK" button.

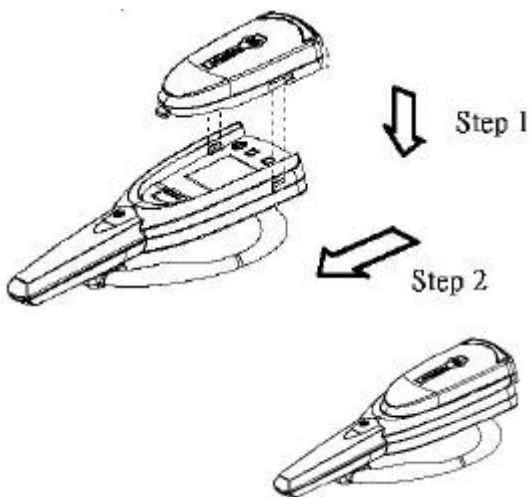


3. When the battery is now in charging, the LED turns Red.



4. When the battery is fully charged, the LED will turn off.

How to put on battery



Step 1. Insert the battery by aligning the lock to the hook on the battery charger

Step 2. Pushed the battery towards the "TALK" button and lock it in position

Turning the Headset On or Off

Turning the Headset ON

If your Headset is switched off, press and hold S1 for 2 seconds. The Headset indicator light begin to flash blue once in every 3 seconds. This indicates the Headset is powered up, and it is at stand-by-mode.

NOTE: The Headset will be turned ON automatically when a charged battery is inserted onto the headset.

Turning the Headset OFF

Once you have finished using the Headset, press and hold S1 for 2 seconds and the headset will be powered down. The Headset indicator light will be switched off when the Headset is powered down.

NOTE: For Nokia mobile phones, you have to disconnect the connection between BT-868 and your mobile phone first before you can turn the BT-868 off.

Pairing the Headset

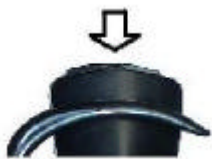
Pairing

Before using the Headset with a Bluetooth-enabled device for the first time, you must pair the Headset with that device, for example, a mobile phone.

Pairing is the process of linking and creating a trusted relationship between two Bluetooth devices, so that they can communicate. To validate these two Bluetooth devices to each other and create a trusted relationship between them, a Bluetooth passkey (or PIN) is required. The default passkey stored in the BT-868 internal memory is **[1234]**. You are usually required to enter the passkey on that device during pairing.

The pairing only needs to be done once. You do not need to pair it again until you want to use it with another device. Afterwards, every time you switch on your Headset, it will automatically connect to your mobile phone. Please note, however, Nokia Bluetooth mobile phones required you to reconnect to it manually.

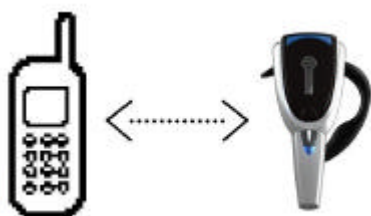
To initial a pairing, it is recommended to put both the Headset and the mobile phone within 1 meter to each other.



1. Turn the Headset on.



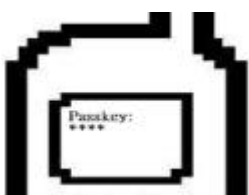
2. Put the Headset into pairing mode by performing a "Hard Reset". Press and hold at the same time on the button S2 and "TALK" button on the Headset until the indicator light on the Headset flashes Red. The Headset is now in the pairing mode and is ready for pairing. (Note: Headset will remain in pairing mode until pairing is successfully)



3. Switch on your mobile phone and activate Bluetooth pairing in the device by following the instruction on your mobile phone's user guide. Select discovery or pairing or sniff mode from the Bluetooth options of your mobile phone.



4. Once the mobile phone detects the Headset, a message will be displayed with the following information: "BT-868".



5. Follow the phone instructions to accept the Pairing; Enter the Headset passkey [1234] and press "Yes" key to confirm.



6. When the pairing is completed, the Headset indicator light flashes blue and it is now ready to use. However, if there is failure in pairing, you may need to repeat steps 3 to 5 until pairing succeeded.

Please Note:

1. You can abort pairing any time by pressing and holding the S1 button for about one second until the red light goes off and the Headset is now turned off. Previous pairing (if any) is now revoked.

2. Different device may require different pairing procedure. Please refer to the manual of the other device(s) for specific pairing method.

Example 1: How to pair BT-868 with the Sony Ericsson T68i.

1. Turn the BT-868 on.
2. Put the BT-868 into pairing mode by performing a "Hard Reset". Press and hold at the same time on the button S1 and the "TALK" button on the BT-868 until the indicator light on the BT-868 flashes Red. The BT-868 is now in pairing mode and ready for pairing.
3. Take your Sony Ericsson T68i and go to the main menu. From there select the "CONNECT" option
4. Select option 4, "Bluetooth"
5. Select option 2, "Paired devices" and if you had previously paired your phone with another headset, you will see it in the list. To cancel a pairing, highlight the device and press on "C" to delete it.
6. Select "Add device" option.
7. Select option 1, "Phone initiates".
8. Select option 2, "Hands free". The T68i is now searching for the BT-868.
9. Once it has found it, press the "Yes" key to confirm it.
10. Press again the "Yes" key to confirm the option 1: "Add to paired".
11. Type your passkey: 1234 and then press "Yes" key to confirm.
12. The pairing is then in process and you should read under the title Name tag: BT-868.
13. Press "Yes" to confirm again.
14. Your mobile phone is now paired and ready to use

Example 2: How to pair BT-868 with the Nokia 8910i.

1. Turn the BT-868 on.
2. Put the BT-868 into pairing mode by performing a "Hard Reset". Press and hold at the same time on the button S1 and the "TALK" button on the BT-868 until the indicator light on the BT-868 flashes Red. The BT-868 is now in pairing mode and ready for pairing.
3. Take your Nokia 8910i and go to the MENU. From there select option 10, "Bluetooth".
4. Select option 2, " Search for audio accessories ". The Nokia 8910i is now searching for the BT-868 Headset. To end the inquiry, press "Stop"
5. Once it has found it, press the "Select" key to confirm it.
6. Type your passkey: 1234 and then press "Yes" key to confirm.
7. The pairing is then in process and you should read under the title Name tag: BT-868.
8. Press "Yes" to confirm again.
9. Your mobile phone is now paired and ready to use

Wearing your Headset



Step 1



Step 2



Step 3

Step 1. Press down the lever and adjust the ear hook.

Step 2. Put on the Headset with the ear hook behind your ear and turn.

Step 3. Ensure the microphone is pointing toward your mouth.

Right/Left Ear Usage



1. Simply remove the ear hook from the Headset by flipping towards the microphone.



2. Flip the ear hook over and reinsert it to the Headset.



3. Attach the ear hook by aligning one side of the lock into the hole on the Headset and gently pressing it into position.

Making and answering calls

Once the Headset is successfully paired with your phone, you can make and receive calls from your BT-868 Headset, or using the keys on the mobile phone as usual. When using the Headset, make sure it is ON and within range of the phone – up to 10m with no solid objects in between. For best performance, use the Headset and phone in the same room and wear the Headset on the same side to the phone to avoid directional interference occurred between wireless devices.

Making a Call

Using voice dialing to make a call

1. Make sure the phone and the Headset are on and voice dialing is activated on your mobile phone.
2. Press the "TALK" button on your mobile phone for one second until you hear a beep.
3. Once a beep is heard, speak out any of the names recorded in your voice tags.
4. To end a call, press the "TALK" button or press the "NO" key on the phone.

NOTE: As far as the voice recognition accuracy is concern, it is strongly recommended that you save your names with the voice recognition function using directly the headset.

Using mobile phone's keypad to make a call (without voice dialing)

1. Make sure both the mobile phone and the Headset are on and connected to Bluetooth system.
2. Dial the phone number you wished to call.
3. Approximately 2 seconds after the call has been set up, the call should be transferred to the Headset automatically, and you can hear short tones when dialing.
4. To end a call, press the "TALK" button or press the "NO" key on the phone.

Answering a Call

To receive a call, press the "TALK" button on the Headset and you will then be connected to the caller.

However, if a call is answered by your mobile phone, such as pressing "YES" button, you will have to use your mobile for talking and listening.

NOTE: For Nokia phones, if you answer a call by your mobile phone, you will have to use the Headset for talking and listening

To answer a second call

During a conversation, you can answer a second incoming call either by pressing the “YES” key on your mobile phone or press the “TALK” button on the Headset. You will automatically be transferred to the second call and can still use the Headset for talking and listening. You cannot use the Headset buttons during a second call as it will terminate the second call.

To put a call on-hold

Calls can only be put on-hold from your mobile phone. To put a call on-hold, simply press “YES” key on your mobile phone. To put the call back on line, press “YES” key again.

To transfer back to the first caller (from line 1 to line 2/line 2 to line 1)

When two calls are in session and you are answering, for example, the second caller at the moment. If you want to get back to the first caller but you do not want to hang up on the second caller yet, you only have to put the second caller on-hold by following the above procedure. Once the on-hold procedure is done, you will automatically transfer back to the first caller. Do the same if you want to transfer back to second caller again.

NOTE: You cannot use the Headset to change callers. Using the Headset to change callers will automatically disconnect the second caller before changing back to the first caller.

Transferring calls

Calls can be transferred from the mobile phone to the Headset and from the Headset to the mobile phone. Please make sure the Headset is on, paired with the phone, and within range.

Transferring a call from mobile phone to Headset

To transfer a call, press "TALK" button on the Headset as if you were taking an incoming call. One second later, it will automatically transfer the sound to the Headset and you can use it for talking and listening.

If the Headset is turned on after a call has been initiated, call can be transferred to the headset by pressing "TALK" button.

Transferring a call from the Headset to the mobile phone

To an Ericsson phone:

1. Go to the "Ongoing Call"
2. Select "Transfer Sound"
3. Select "To Phone" and press "Yes" to confirm the transfer

To a Nokia phone:

1. Go to the "View active device"
2. Select "Bluetooth"
3. Select "Headset", and disconnect it from the phone

Lost of connection during a call

During an on-going call, if the connection to the BT-868 is lost, press the "YES" key on the mobile phone to transfer the call to it, otherwise the call will be disconnected.

To turn off the microphone

During an on-going call, press and hold at the same time on the button S3 and "TALK" button on the Headset until you hear a short beep.

To resume the conversation, press and hold at the same time on the button S3 and "TALK" button again.

Volume Control

Listening volume of the Headset can be adjusted during a call. The Headset have 0 ~ 15 (default) levels of speaker volume. To increase one level up or down, make sure you press quickly on either button just once. Keeping the pressure too long on either of them will do no change to the volume.



Increase the volume

- To increase the volume one level up, quickly slide the S2 Headset button once.
- To increase the volume two levels up, quickly slide the S2 Headset button twice, and vice versa.



Decrease the volume

- To decrease the volume one level down, quickly slide the S3 Headset button once.
- To decrease the volume two levels down, quickly slide the S3 Headset button twice, and vice versa.

Note: The orientation of the volume button will be changed, when you change the ear on which the Headset is worn.

Re-connect to the BT-868

Connection may be cut off when

1. Out of range
2. Headset has been turned off/out of power.

Reconnect through the Headset

To reconnect the Headset, you don't have to use the phone. Simply turn on your Headset and it will automatically go into the stand-by-mode. In this mode, your phone will recognize your Headset and will automatically reconnect the Bluetooth system. Or, for quick connection, press the "TALK" button.

For the Bluetooth-enabled Nokia mobile phones, however, it will not automatically reconnect the Bluetooth system. You will have to do it manually. To reconnect, press the "TALK" button as if you were taking an incoming call, your phone will start recognizing your Headset and a message will be displayed with the following information: "Connecting BT-868?". Press "YES" on your mobile phone to confirm.

Initiating a connection when disconnected

Voice Dialing

When voice dialing and the connection between Headset and the mobile phone is not present, you have to reconnect to the Bluetooth system. Once it is connected press the "TALK" button on the Headset until you hear a beep, then speak out any of the names recorded in your voice tags.

Answering Call

When there is an in-coming call and there is no connection present, the mobile phone will firstly attempt to search the Headset (within 10 meters) and will then connect to it automatically. Or, you can also initiate a quick connection by pressing the "TALK" button.

Low-battery notification

When the battery is low, a short beep will be heard in every 40 seconds, and there are approximately 30 minutes talking time left. As the battery level is too low, the Headset will automatically power off and it cannot be powered on again unless the battery is sufficiently recharged.

Trouble-Shooting

Q 1. Do I have to do the pairing every time I want to use the Headset?

Normally you only have to do it once if you are always using the same headset and phone. But if you change your mobile phone, you will have to do the pairing process again before using BT-868.

Q 2. Why I have to do the pairing every time I want to use the Headset, although I haven't changed my mobile phone?

If this happens, then either your mobile phone or the Headset has a defect. Try the headset with another Bluetooth enabled mobile phone. If the problem still occurs, contact your dealer

Q 3. No Sound Contact between Headset and my mobile phone

1. Make sure the Headset and your mobile phone are paired.
2. Make sure the Headset and your mobile phone are no more than 10 meters apart.

Q 4. The person I am calling does not hear me

1. Make sure that you are within the 10 meters range.
2. Make sure there are not too many obstacles around. Try to move close to the phone if it is.
3. May be the radio frequency module or the microphone is damaged. Please consult your dealer.
4. Make sure the surrounding noise is not too loud as the noise cancellation may activate and automatically set on maximum. Find a quieter place if it is too loud.

Q 5. Hear echo

1. If the echo is in the Headset, either the phone operator or the phone of the person who is calling you has a problem.
2. If the echo is in the phone of the person who is calling you, then try to transfer the sound to your mobile phone to continue the present conversation (do not hang up). If the echo has disappeared, then the volume on your Headset is maybe too high. Try to lower it a bit. It is a common problem with all the Bluetooth Headsets. However, if you still

have a strong echo, please consult your dealer.

Q 6. I can hear cracking sounds in my speaker and the communication is not good.

1. Make sure that you are within the 10 meters range.
2. Make sure there are not too many obstacles around.
3. Make sure you are not too close to other radio wave interferences.
4. Move away from all possible sources of interference like a micro-wave oven or wireless keyboard which may operate with the same frequency of 2.4 GHz as Bluetooth technology.
5. Don't put your mobile on the opposite side of the headset. For example, if you put your mobile in your right pocket, you should put your headset on the right ear. Otherwise, the signal will be blocked by your body and especially by your brain. It is strongly advised to wear headset and phone on the same side of the body.
6. Don't keep your hand on the headset unless necessary as it may block the signal.

Q 7. I am losing connection with my Headset.

If you lose the connection between the headset and the phone, it probably means you have exceeded the maximum operating distance of 10 meters or that the environment is very bad. In this case, once you re-enter the working area, your phone may display a message indicating the connection was lost. You will then have the option to re-connect with your Headset

Q 8. Voice recognition problems.

1. Make sure your mobile phone has voice-recognition function (ex: Nokia 6310 and 6310i).
2. Make sure you have enabled the voice-recognition function on your mobile phone.
3. If your mobile phone support voice dialing, then press the "TALK" button on your headset until you hear a beep. Then speak out any of the names recorded in your voice tags.
4. If the name is not recognized it may be caused by the surrounding noises or the distortion of the voice through the headset. It is strongly recommended to save your names with the voice recognition function using directly the Headset.

Q 9. I cannot select the right volume level.

To increase the volume, pressing on S2 Headset button.

To decrease the volume, pressing on S3 Headset button.

Make sure you press quickly on either button just once. Keeping the pressure too long on either of them will do no change to the volume.

Q 10. I drop my Headset on the floor.

If anything seems unusual or broken, please contact your dealer and do not attempt to do any repairs by yourself. Be sure to have with you all the small parts like the 2 buttons, the 2 caps covering the 2 screw holes, the nylon screw and the LED light pipe.

Q 11. The Headset was splashed with water.

1. Switch off the Headset straight away.
2. Remove Headset battery and use dry moist cloth to wipe off water on both the Headset and battery.
3. Use a Hair dryer (lowest heat power) and dry gently blowing the air through any hole you can find to dry the components.
4. Leave it over night in a warm and dry room.
5. Check both the Headset and the battery in the next morning and if everything is fine, try to use it to see if it still functions correctly. If it still does not work, please consult your dealer.

Maintenance

Headset Care

1. **DO NOT** expose your Headset to liquid or moisture.
2. **DO NOT** expose your Headset to extreme temperatures.
3. **DO NOT** expose your Headset to fire or open flames.
4. **DO NOT** try to disassemble your Headset. Service and Maintenance can only be performed by authorized BT-868 technicians.
5. **DO NOT** drop or try to alter the shape of your Headset.
6. Keep your Headset away from dust and dirt.
7. Clean the outside of your Headset with a moist cloth once a month.
8. **DO NOT** let children play with your Headset, since it contains small parts that could become detached and create a choking hazard.
9. Check the regulation in you area if you plan to use your Headset while driving.

Battery Care

1. **DO NOT** dispose of in fire. Always keep the battery away from fire.
2. **NEVER** attempt to disassemble the battery pack.
3. **DO NOT** directly connect (short circuit) the positive (+) and negative (-) terminals.
4. **Fully charge the battery.** Use Nietzsche Lithium-Polymer charger only.

Battery Charger Care

1. **In door use only!** Never expose the charger and AC adaptor to rain, snow or any moisture environment to avoid the risk or electric shock.
2. **NEVER** place any metal object in the internal parts and the charge tips, such as coins, wires, ...etc., as this possibly damage the charger.
3. **AVOID** charging in extreme cold (under 0C; +32F) or extreme heat (over +40C; +104F). The battery pack may not charge fully under extreme temperatures.

Parts and Accessories

BT-868 Battery

- Re-chargeable, changeable Lithium-Polymer Battery



Colors available:
Black, Grey, Purple, Jelly Pink

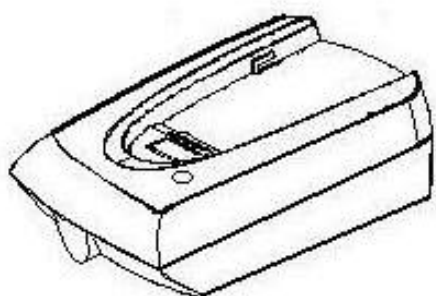
Ear Hook

- Replaceable Ear Hook



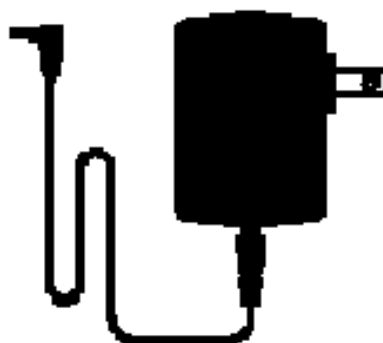
Desktop Charger

-



Adaptor

- 110 V AC Adaptor w/flat pin for North America / Asian Pacific
- 230 V AC Adaptor w/two round pin for Europe



Declaration of Conformity

We, **Nietzsche Communications & Security** of 4F, NO. 560 Chung Shan Rd., Sec.2, Chung Ho City, Taipei, Taiwan, R.O.C.

Declare under our sole responsibility that our product

BT-868 Bluetooth Headset

And in combination with our accessories, to which this declaration relates as in conformity with the appropriate standards

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

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

FCC Statement

This device complies with part 15 of the FCC rules. Operations 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.