

Contents

Features	3
Specification	4
Part Description	5
Button Functions	6
Power On/Off and Low Battery detection	7
Pairing Description	7
Useful Tips for Bluetooth Connection	8
Using the UBFree as a Handsfree device	9
Using the UBFree as a Headset device	10
Using Stereo Headset device for Music (AV profile) ..	10
Installation Guide	11
Safety Precautions	11
Warranty	11



UBFree2™

Features

The UBFree2 handsfree kit with echo & noise cancellation is portable & fashionable bluetooth device that simply connects to your Bluetooth phone without any cables or phone holder.

Especially UBFree2 can play music by SBC(SubBand Coding) streaming download with USB dongle in computer or Bluetooth phones with stereo headset profile.

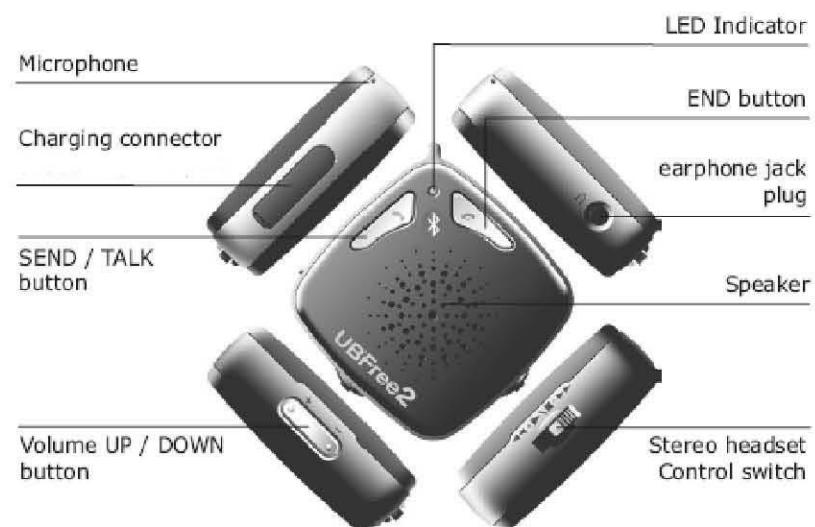
And if you connect earphone into UBFree2, then you can use like bluetooth headset with noise cancellation.

Specification

- **Power class** : 2dBm max (Class 2)
- **Bluetooth version** : 1.2 compliant
- **Battery** : Lithium-polymer 3.7V / 820mAH
- **Speaker** : 4ohm 1W
- **Microphone** : Directional microphone -42dB
- **Noise cancellation** : Up to 18dB
- **Echo cancellation** : Up to 42dB
- **Operating temperature range** : - 30°C ~ + 85°C degree
- **Charging input** : AC Charger 5V / 1A (option)
* Nokia mobile phone charger compatible
- **Indicator** : 2Color LED for charging
Red: Charging, Green: Charged



Part Description



Box Content

- UBFree2 Handsfree kit
- Power Adapter (Option)
- Necklace Earphone
- Clip with sun visor



Button Functions

- **Volume up** : Press VOL (+)
- **Volume down** : Press VOL (-)
- **Talk** : Press SEND button when incoming call.
- **End** : END button (Handsfree & AV connection)
- **Audio transfer** : Press and hold END button for 3 seconds.
- **Voice tag dialing** : Press SEND button shortly.
- **Redial** : Press and hold SEND button for 2 seconds
- **Earphone mode** :
Shuffling and hold FORWARD side during 2 seconds
changing from speaker to the earphone (Toggle operation)
and that time Red LED flashes confirming change.
- **MP3 streaming function** :
 - Forward : Shuffling forward for playing next music.
 - Backward : Shuffling backward for playing previous music.
 - Play & Pause : Press button shortly.
 - Stop & AV connection : Long button (1 second)
 - 3D Sound effect : UBFREE2 support 3D effect sound only
headset mode.

Power On/Off and Low Battery detection

1. Power On : Press and hold "End" button (4 second)
Turns on with melody.
2. Power Off : Press and hold "End" button (4 second)
Beeps and then turns off with melody.
3. Low battery Warning : When battery low, generate alarm at 3.4V
4. Low battery power off : When battery voltage getting low as 3.2V,
Then automatically power off.

Pairing Description

- When power is on, press the VOL(+) button for 5 seconds.
You will hear a beep tone and rapid flashing green LED (TALK button).
- UBFREE is ready to be paired with the mobile phone.
- Browse the mobile phone menu and find connectivity and/or Bluetooth connection section.
- Select the search for a new Handsfree device and allow the mobile phone to find the UBFREE2.
- Enter the UBFREE2 link code **1 2 3 4** for the UBFREE2.
- The green LED (TALK button) slowly flashes confirming pairing.

Useful Tips for Bluetooth connection

1. Should your cellphone battery be at low charge, the Bluetooth connection may occasionally be lost.
To maintain good connectivity ensure that your phone battery is adequately charged.

2. In case of failure of Bluetooth pairing

- 1) Delete item in paired list on your Bluetooth phone
- 2) Reset both phone and handsfree by switching off / on
- 3) Reset pairing as per procedure

3. Connection not established after pairing

- Manually connect from the paired phone
- i.e. My paired device → UBFREE2 → Connect

4. How to establish re-connection after pairing

- Press "SEND" button briefly
- Press and hold "END" button for 3 seconds

The handsfree unit will re-connect automatically thereafter.

Using the UBFREE2 as a Handsfree device

When the Handsfree is ringing ;

To accept call	Press 'SEND / TALK' button
To reject call	Press 'END' button
To end call	Press 'END' button
To control volume	Press 'VOL(+) / 'VOL(-)' button

Audio transfer ; This function is for switching the call.

- **Switching from Handsfree to Mobile phone**
: Press and hold 'END' button (3 seconds)
- **Switching back to Handsfree**
: Press and hold 'END' button (3 seconds)

Call waiting ; Click "SEND" button connecting to the second call.

Note : This function works if you have the call waiting option with your carrier and also another call is actually waiting to be answered.

Last number dialing during idle ; Press and hold 'SEND' Button for 2 seconds.

Earphone (Privacy Mode) ; Shuffling and hold "FORWARD" (2 seconds)
Red LED flash every 5 seconds.

Voice tag dialing ; Press 'SEND' Button.

Using the UBFREE2 as a Headset device

To accept call

Press 'SEND' / 'END' button

To end call

Press 'SEND' / 'END' button

To control volume

Press 'VOL(+)' / 'VOL(-)' button

Audio transfer ; This function is for switching the call.

- **Switching from UBFREE2 to mobile phone**

: Press and hold 'END' button (3 seconds)

- **Switching back to UBFREE2**

: Press and hold 'END' button (3 seconds)

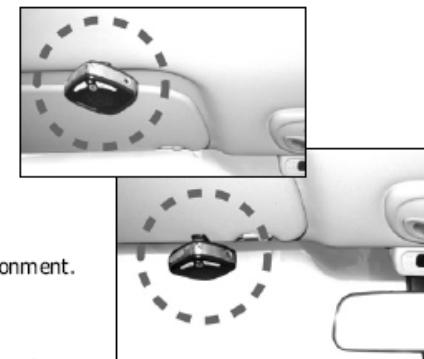
Using Stereo headset device for Music (AV profile)

UBFree2 support **A2DP**(Advanced Audio Distribution Profile) and **AVRCP**(Audio Video Remote Control Profile), it can be play music through Bluetooth connection.

- **Forward** : Shuffling "FORWARD" for playing next music.
- **Backward** : Shuffling "BACKWARD" for playing previous music.
- **Play** : Press "PLAY/STOP" shortly.
- **Pause** : Press "PLAY/STOP" shortly.
- **Stop** : Press and hold "PLAY/STOP" (1 second)
- **AV connection** : Press and hold "PLAY/STOP" (1 second)
- **3D Sound effect support only headset mode.**

Installation Guide

Microphone have to be set in front of user when the Kit of UBFREE 2 mounted at sun visor with magnetic holder.



Safety Precautions

- Do not expose this unit under humid environment.
- Do not drop this unit.
- Do not disassemble this unit.
- Do not clean the unit with any chemical or water.
- Keep this unit away from fire and dust.
- For safety reasons, please keep your phone conversation short, do not make any notes or read documents. It is highly recommended to park the vehicle in the safe place before continuing the conversation. Using mobile phone while driving creates a distraction to the drive which may increase the probability of an accident.

Warranty

1. One year warranty on our "UBFree2 Portable Handsfree Kit".
2. We guarantee quality control and inspection. In case of trouble under regular conditions, return to the store where purchased or we will repair according to the warranty.
3. Warranty does not cover : (1) Mis-use (2) Re-Assembly (3) Unapproved current sources (4) Trouble due to Force Measure

UBFree2™

Bluetooth®

FCC Information

This device complies with Part 15 of the FCC Results. Operation is subject to the following two conditions:

- (1) This Device may not cause harmful interface, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. 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:

- 1.1. Reorient or relocate the receiving antenna.
- 1.2. Increase the separation between the equipment and receiver.
- 1.3. Connect the equipment into an outlet on a circuit different from that to which receiver is connected.
- 1.4. Consult the dealer or experienced radio/TV technician for help.

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.