

BTM-338 mini FM - stereo Bluetooth headset user manual

Thank you for purchasing the **BTM-338** mini FM - Stereo Bluetooth headset. **BTM-338** is the smallest Bluetooth headset embedded with FM radio and OLED showing the caller ID; radio station frequency and station name*; Bluetooth connection and battery capacity.

* The radio station should support RDS (Radio Data System) to display the radio station name

Package:











- ◆ **BTM-338** mini FM stereo Bluetooth headset
- ◆ A battery charger & USB cable charger
- ◆ An in-ear type stereo earpiece and a single earpiece
- ◆ A user manual and warranty card

Headset overview:



1. MFB & LED: Turn on/off the headset; pairing; play/pause; accept/reject call; redial; call switching; select FM stations.
2. OLED: Displays the caller ID; FM radio frequency and station name; battery capacity and Bluetooth connection.
3. + : Increase volume; select next track; enter/leave and tune FM mode; switch on/off buzzer; change the OLED display direction; fine tuning and auto searching FM stations.
4. - : Decrease volume; select previous track; enter/leave and tune FM mode; switch on/off buzzer; change the OLED display direction; fine tuning and auto searching FM stations.
5. 3.5mm socket: earpiece plug and USB charger cable insert here

OLED display information

OLED icon	Information
	Full battery
	Low/empty battery
OLED turn off	Battery re-charging
PAIRING ...	Pairing a device
	Headset is in Bluetooth connection
	Making a call
24152086	Displaying caller ID
	Indicating A2DP stereo MP3 is ready
	Playing MP3 music
	Pause MP3 music
	Next track
	Previous track
VOL 	Adjusting volume
F2: 95.6	Displaying the radio station frequency
F2: RTHK1	Displaying the radio station name*
Blue-Links	Standby mode
BYE BYE	Turning off

Note:

- * The radio station should support RDS (Radio Data System) to display the radio station name
- The OLED will go off if no key operation in 30 seconds, to regain the OLED display, presses one of the 2 side keys instead of the MFB.

Headset charging

It is important to use only the original USB cable come with the package because the pin assignment of other cables is different. Damaging the headset by using other USB cables will void the warranty.

- ◆ Turn off the headset first.
- ◆ Insert the USB charger cable into the charging socket of the headset; plug the other end of the cable to (1) the USB socket of a computer, or (2) the battery charger supplied in the package and connect the charger to the main power.
- ◆ The OLED display will turn off and disconnect from the mobile phone while it is charging. The LED grows red and turns off when re-charging is complete.
- ◆ Remove the charger from the main power and disconnect the cable from the headset after the LED goes off.
- ◆ The first time charging needs 14 hours to achieve the best performance of the battery. Afterward re-charging is around 3 hours.
- ◆ If the headset battery is exhausted, it would take a few seconds for the LED to light up. A complete re-charged headset provides 7 hours talking time or 180 hours standby time.

Switching on headset


To turn on the headset, press the MFB key for 4 seconds until the LED flashes blue.

Switching off headset

To turn off the headset, press the MFB key for 6 seconds until the LED flashes red, then release the key.

Headset pairing










You will need to pair the headset with your mobile phone for the first time you connect them.

- ◆ Place the mobile phone and headset within 1 meter apart (no blocking object in between).
- ◆ The headset is turned off. (The headset can be paired only in turned off status). Press down the MFB key and hold it 6 seconds until the OLED showing **PAIRING...** to enter the pairing status for 5 minutes.
- ◆ Turn on the Bluetooth service in your mobile phone and search new Bluetooth device.
- ◆ Select **BTM-338** in your mobile phone.
- ◆ Enter the password "0000" to pair the headset with your mobile phone. After the pairing is successful, your mobile will ask if you want to make a connection with the headset. Confirm it and a  icon will appear in the OLED of the headset to indicate a Bluetooth connection builds up. Please note that if the pairing is unsuccessful, you can follow the above procedures to pair them again.
- ◆ After the first time pairing, you need not pair them again, but connect them after you turn them on.

Using the headset




- ◆ **Accept calls** - When there is an incoming call, press the MFB once to accept the call. While playing FM, the phone goes out of range and breaks the Bluetooth connection. Press the MFB two times promptly will re-connect them when the phone comes into range again.
- ◆ **Terminate calls** - Press the MFB once to end a call.
- ◆ **Redial** – Press the MFB key 2 times to redial the last call. You can redial in standby mode and while it is playing MP3 or FM.
- ◆ **Volume adjust** - Press the side key + once to increase the volume, - to decrease the volume
- ◆ **Call switching** - During a phone conversation with the **BTM-338**, press the MFB for 2 seconds, you can switch the call to your mobile phone. To switch the call from mobile phone to the **BTM-338** headset, you have 2 operations for different mobile phones. For Nokia handsets, press the MFB once. For the Sony & LG mobile phones, press the MFB and hold 2 seconds.
- ◆ **Reject calls** - To reject an incoming call, press the MFB for 2 seconds and release the key to reject the call.
- ◆ **Buzzer ON/OFF** – To turn on the buzzer, press the + and – together for 2 seconds to hear two "beep" sound. To turn off the buzzer, press the + and – together for 2 seconds to hear one long "beep" sound.
- ◆ **Change OLED display direction** – In the standby mode, press the MFB, + and – (all 3 keys) simultaneously for 2 seconds.
- ◆ **Bluetooth connection broken alert** – While BTM-338 is standby, the phone goes out of range and breaks the Bluetooth connection. The headset will beep 4 times to alert you. You can press the MFB once to re-connect them when the phone comes into range again.

MP3 music playing

To	Operation	OLED display
Indicate A2DP stereo MP3 is ready	Mobile phone plays music	
Play MP3 music	Press MFB once	
Pause MP3 music	Press MFB once	
Next track	Press + 2 seconds	
Previous track	Press - 2 seconds	
Adjust volume	Press + to increase; - to decrease	VOL 
Accept call while playing MP3	Press MFB once	
Redial last call while playing MP3	Press MFB 2 times	
Bluetooth reconnection	While playing MP3, the phone goes out of range and breaks the Bluetooth connection. Press the MFB once to re-connect them when the phone is in range. Press the MFB 2 times again will resume the MP3 playing.	

It is not guaranteed that the interoperability between the headset and all Bluetooth enabled products in the market because of the large variability of Bluetooth devices from different manufacturers.

FM radio operation

To	Operation	OLED display
Switch on/off FM radio	Press + & - keys once simultaneously	F2:95.6 & F2:RTHK1
Select next FM station out of 8 preset stations	Press MFB once	Show next FM station information
Fine tune FM frequency	Press + & - keys simultaneously in FM mode for 2 seconds, the frequency will digits blink, press + or - to fine tune. Quit this mode in 5 seconds after tuning.	Show the FM frequency
Auto search FM stations	Press + or - keys in FM mode for 2 seconds, to auto search the FM station.	Show the FM frequency
Adjust volume	Press + to increase; - to decrease	VOL 
Accept call while FM is playing	Press MFB once	
Redial last call while playing FM	Press MFB 2 times	
Bluetooth reconnection	While playing FM, the phone goes out of range and breaks the Bluetooth connection. Press the MFB two times promptly will re-connect them when the phone comes into range again.	

* The radio station should support RDS (Radio Data System) to display the radio station name

* In those places the radio station support RDS, the BTM-338 will take first 10 seconds to receive data information from a radio station. During this period of time, the user will hear mild interference which is normal operation.

* The original Blue-Links earphone is specially made as antenna for FM radio. We do not guarantee the headset will work perfectly with other brands of earphones as ours in FM reception. Always use original Blue-Links earphones.

Connecting PC for chatting and listening MP3 music

For voice application with a personal computer, firstly, follow the pairing procedures to pair the headset with the computer and connect them through a Bluetooth dongle, run the music player or VoIP software for chatting or listening music. Please refer the user manual of the utility software for detail operation

procedures.

Troubleshooting

If you are unable to connect your headset and mobile phone, please try the following:

- Ensure the headset is turned on and is properly charged.
- Ensure the headset is paired with your mobile phone.
- Ensure the mobile phone's Bluetooth feature is activated. Please refer to your mobile phone user guide for specific instruction.
- Ensure the headset is within a maximum of 15m from your mobile phone(s) and there are no obstructions, such as walls or other electronic devices in between.

If the above steps cannot solve your problem, please recharge the headset for 2~3 minutes and remove your mobile phone battery for a while.

Safety information

- Check local laws regarding the use of a mobile phone and headset while driving. If you use the headset while driving, ensure your attention and focus remains on your responsibility of driving safely.
- Never allow children to play with the headset. Small parts cause choking hazard.
- Observe all signs that require an electrical device or RF radio product to be switched off in designated areas. These could include hospitals, blasting areas and potentially explosive atmospheres.
- Turn off your headset prior to boarding an aircraft.
- Never mount or store your headset over any bag deployment area as serious injury may result when an air bag deploys.
- Do not open or mutilate the built-in battery.

Care and maintenance

Headset

- Consider turning your headset off before placing it in your pocket or bag. If the multifunction button is accidentally depressed, your mobile phone may place an unintended call.
- Do not expose the headset to liquid, moisture or humidity as it is not waterproof.
- Do not use abrasive cleaning solvents to clean the headset.
- Do not expose the headset to extremely high or low temperatures.
- Do not dispose of the headset in a fire as it will result in an explosion.
- Do not expose your headset to contact with sharp objects as this will cause scratches and damage.
- Do not stick anything inside the headset as this may damage internal components.
- Do not attempt to disassemble the headset as it does not contain serviceable components.
- If you do not use the headset for long periods, be sure to store it in a dry place free from extreme temperatures and dust.

Built-in battery

- Do not attempt to replace the headset's battery yourself as it is in-built and is not changeable.
- Charge the battery in accordance with the instruction supplied with this user guide.
- Must use the manufacturer supplied charger when charging the headset.
- Do not disassemble the charger as it may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the headset is subsequently used.
- Do not use the charger outdoors or in damp areas.
- Only charge the headset's battery in accordance with the instructions of this user guide.
- Avoid charging the headset in extremely high or low temperatures.

Battery information

- Your device is powered by a rechargeable battery. The full performance of a new battery is achieved only after two or three complete charge and discharge cycles. The battery can be charged and discharged hundreds of times, but it will eventually wear out.
- Unplug the charger from the electrical plug and device when not in use.
- Overcharging may shorten its lifetime. If left unused, a fully charged battery will lose its charge overtime.
- Never use any charger that is damaged.
- Leaving the device in hot or cold places, such as in a closed car in summer or winter conditions will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C. A device with charged battery performance is particularly limited in temperatures well below freezing point.
- Do not dispose of batteries in fire as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations. Please recycle whenever possible. Do not dispose as household waste.

Product specifications

Bluetooth specification:	CSR Version 2.0
Transmission range:	10m point-to point
Bluetooth profile supported:	A2DP, AVRCP, Handset and Hands free Profile
OLED :	Showing caller ID; radio station frequency and station name; Bluetooth connection and battery capacity
Operating frequency:	2.4GHz
RDS FM radio frequency:	87.0MHz ~108.0MHz; 8 FM station memory
Normal charging time:	Within 3 hours
MP3 play time:	About 6 hours
FM play time:	About 7 hours
Talk time:	About 6 hours (radio/MP3 playing time included)
Standby time:	About 180 hours
Dimensions:	46 (L) X 20 (W) X 26 (H) mm
Weight:	18 grams

*May vary due to user's operation mode and mobile phone settings.

