CM-BT2
Stereo Amplified
Neckloop

USER'S MANUAL

Content

FCC Warning:

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

This device complies with part 15 of the FCC Rules. 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.

1. Introduction

The Stereo Amplified Neckloop offers users a unique, wireless experience using Bluetooth wireless technology. It is a model of efficiency, offering hands-free, wireless connections between most Bluetooth phones. Smart outline design and comfortable for wearing. The Neckloop is Bluetooth V2.0 compliance. It is backward compatible with audio devices with V1.2 or earlier. Its operation range is up to 10 meters (indoor); operating power mode is Class 2 (-6-6dBm). It is capable of operating up to 3-hour talk-time using with neckloop and 13-hour talk-time using with earhook or earphone. This user's guide provides more details.

◆ Bluetooth Wireless Technology

Bluetooth is a specification for short-range radio links between mobile computers, mobile phones, digital cameras and other portable devices. The radio operates on the globally available 2.45 Ghz ISM 'free band', allowing users to use "Bluetooth" equipment worldwide. The Bluetooth devices communicate within a certain distance and do not need to be in line of sight.

◆ Inside the Sales Kit
◎ Bluetooth Amplified Neckloop
◎ Stereo earphone
◎ Stereo earhook
◎ USB charging cable
◎ Base charger
◎ Car charger
◎ User manual

2. Getting Started

◆ **The Stereo Amplified Neckloop Overview**

Quick Disconnect

Microphone

Indicator LED

Volume Control Up/Down

Multi-function button (MFB)

VOL+/VOL- button

Headset jack & Charging port
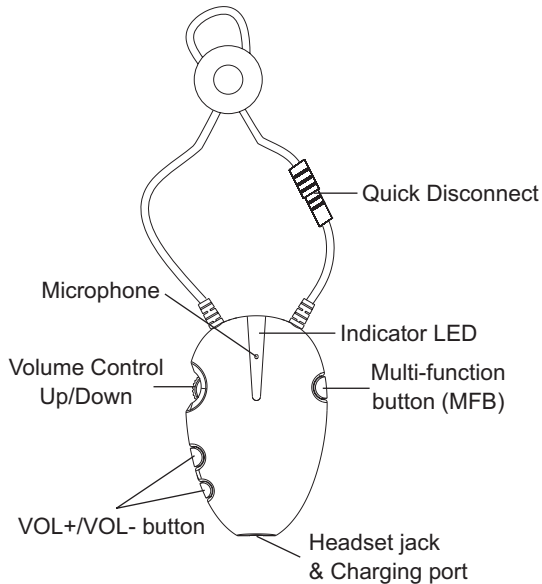
Notes for connection:

1. After the connection, if you want to connect it automatically the next time you power on the neckloop, set this unit as your authorized device or auto-connected device on your mobile phone menu.

2. After the connection with other devices (B, C, D and so on), if you want to re-connect it with A, you need to disconnect it with other bluetooth units first, then use the menu on A device to connect it again.

3. Some brands could not support all the functions.

8. Quick Reference Guide

User State			LED Indicator	
Current	Next	MFB Press	Blue	Red
OFF	Power On	Hold 3s	Flash 4x	
ON/Standby	Power Off	Hold 3s		Flash 4x
OFF	Pairing	Hold 6s	Blue Flash 4x, Red/Blue Alternating for 2 mins	
Pairing	Pairing Passed		Flash 4x	
Standby	Connected to the Phone		Flash 2x	
Standby	Last Number Redial	Hold 1.5s		
Standby	Voice Dial	Twice	After Beep Tone, say voice tag	
Call Incoming	Answer	Once upon ring tone	Flash 3x/2s	
Call Incoming	Reject	Hold 1.5s	Flash 3x/2s	
Talk	End Call	Once		
Standby	Playing	Connecting to phone	Flash 2x	
Playing	Pause	Once		
Standby/ Talk	Low Battery			Flash 1x/30s

◆ Wearing the Neckloop

Place the wire around your neck and insert the round connector plug into the Neckloop Quick Disconnect plug, forming a loop.

IMPORTANT: To have the Neckloop operate properly, you will need to be sure the Quick Disconnect connection jack has been securely clicked in place.

◆ Charging the Neckloop

The Neckloop has a built-in rechargeable Li-Polymer battery. It is recommended to fully charge the battery prior to the first time use of the device.

Way 1: Using AC Power Supply

1. Connect one end of the USB cable into the charging port of the unit, then connect the other end into the USB jack of base charger. Plug the base charger into a standard AC wall outlet *(See Diagram 1)*.

2. The unit is fully charged when the light goes out. After a full charge, remove the charger from the wall outlet and detach the USB cable from the unit.
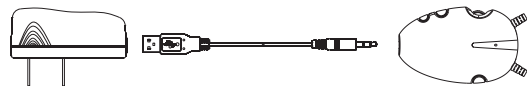

Diagram 1

Way 2: Using Car Charger

1. Connect one end of the USB cable into the charging port of the unit, then connect the other end into the USB jack of the car charger. Plug the car charger into the cigarette lighter of your vehicle *(See Diagram 2)*.

2. The unit is fully charged when the light goes out. After a full charge, remove the charger from the cigarette lighter and detach the USB cable from the unit.

Diagram 2

Way 3: Using a Laptop

1. Connect one end of the USB cable into the charging port of the unit, then connect the other end into a USB jack of your PC.

2. The unit is fully charged when the light goes out. After a full charge, remove the cable from the PC detach the USB cable from the unit.

NOTE: During the charging, you cannot use the Stereo Amplified Neckloop. Battery life will depend on actual usage and amplification levels.

Important! Charging indication will be delayed if the Neckloop has not been used for a long duration or the battery is fully drained.

7. Product Specifications

Model Name:	Bluetooth Stereo Amplified Neckloop
Bluetooth Compliance:	Bluetooth Specifications version 2.1+EDR
Supported Profiles:	Headset, A2DP, AVRCP and Handsfree
Frequency Band:	2.4GHz ISM Spectrum; frequency hopping 79 channels
Modulation:	GFSK (Gaussian Frequency Shift Keying)
RF Power:	Class 2, -6-6dBm
Operating Range:	Up to 10m (indoor)
Talk Time*:	Up to 3hrs with neckloop Up to 13hrs with earhook or earphone
Standby Time*:	Up to 120hrs
Connection:	Point-to-Point
Security:	Security mode 3 (pairing, encryption, authentication)
Power Source:	Rechargeable Li-Polymer 450mAh
Charging:	Universal Adaptor 5V/500mA
Charging Time:	3hrs
Compatibility:	Mobile phones supporting Bluetooth 1.1 (and above), Headset and/or Handsfree profiles
Dimension:	76mm X 49mm X 19mm

* may vary based on users' operating environment, makes and models of phones and other Bluetooth devices.

◇ Ensure both the Neckloop and phone is within 10 meters operating range. There are no obstructions or interference in between.

◇ Ensure the phone has the latest and working firmware. Send phone for firmware update.

◇ Power off and on the devices if the above steps do not solve the problem.

If problem persists after taken all above steps, send the Neckloop to authorized service center. Check with the local dealer.

Low Battery

Under normal usage condition, the fully charged battery can operate up to 3-hour of talk time and up to 120-hour of standby time. During on state, when the battery power is running low, the Neckloop beeps once every 30 seconds and the red indicator flashes every 30 seconds. Charge the Neckloop as described above; else the Neckloop will shut down when voltage fall below operating voltage.

◆ **Turning On and Off the Neckloop**

To turn on: press and hold the MFB for 3 seconds; the Neckloop beeps once and Blue indicator flashes 4 times. The flashing continues once every 3 seconds after the Neckloop goes to standby mode.

To turn off: press and hold the MFB for 3 seconds; the Neckloop beeps once and the Red indicator flashes 4 times, and power off.

◆ **Set up wih the Phone for the first time**

Before using your Neckloop for the first time, you must pair it with your Bluetooth phone. The following information describes a typical pairing procedure between a Neckloop and a Bluetooth phone. However, the pairing procedure may subject to different makes and models of the phones.

Pairing the Neckloop and Bluetooth Phone

1. Place the Neckloop and phone close to each other, within 1-meter.

2. Make sure that the phone is on, and the Neckloop is off.

3. Prepare the Neckloop in pairing mode: press and hold MFB (6 seconds) until the Red and Blue indicators flash alternately.
   Important! Neckloop stays in pairing mode for about 2 minutes.

4. Prepare the phone in pairing mode: refer to phone's user guide for detail. Pairing procedure may subject to different makes and models.
   Enter the Bluetooth menu on the phone and enables the Bluetooth function. Enter the submenu to set the phone in search for Bluetooth devices; activates the search. The phone searches for Bluetooth devices within 10 meters range and list all devices on its display. "CM-BT2" should appear; else repeat pairing procedure.

5. Select "CM-BT2" from the list.

6. Enter the passcode "0000" and enter "OK" to paired the Neckloop and phone.
   When pairing completes, the Neckloop Blue indicator flashes (4 times) rapidly; then connects with the phone.
   If both devices fail to pair or are not paired within the time limit (2 minutes), after a long low beep, the Neckloop goes to standby state. Return to pairing procedure if necessary.

◇ Do not expose the Neckloop to fire; may result in explosion.

◇ Do not expose or store the Neckloop in high heat. High temperature may shorten the life of electronic components, damage battery, deform plastic parts.

◇ Do not use harsh cleaning solvents or strong detergents to clean the Neckloop. Only use a soft damp cloth to clean the Neckloop.

◇ Do not throw, drop or knock the Neckloop. Rough handling can damage the Neckloop.

◇ Do keep the Neckloop in proper storage, dry place, free from dust and extreme temperatures when not in use.

6. Troubleshooting

◇ If the Neckloop is unable to operate properly; for example unable to power on, unable to pair/connect to the phone and etc, please try the following:

◇ Ensure the battery is properly charged, fully drained battery may take a while to charge up.

◇ Ensure the Neckloop and the phone is turned on.

◇ Ensure the Neckloop is paired to the phone; refer to pairing procedure.

◇ Ensure the Bluetooth feature on the phone is activated, and the phone is connected to the Neckloop.

4. Safety Information

◇ Please make sure that your attention is focused, when using Neckloop while driving.

◇ Use only adaptor approved for use with this particular device. The use of any other types may be dangerous.

◇ Keep the Neckloop and accessories out of reach from children.

◇ Turn off the Neckloop prior to boarding an aircraft. Do not use the Neckloop in an aircraft.

◇ There may be restrictions on using Bluetooth technology in some locations. These could include hospitals, patrol stations, laboratories, potentially explosive surroundings and etc.

5. Care and Maintenance

◇ Do not attempt to open the Neckloop, only the authorized maintenance staff should perform the service. Please check with your local dealer.

◇ Do not expose the Neckloop to extreme high or low temperatures.

◇ Do not expose the Neckloop to liquid, moisture or humidity; it is not waterproof.

◇ Do not expose the Neckloop to dusty and dirty environment; moving parts may be clogged and prevent proper usage.

7. The Blue indicator flashes once every 3 seconds on a paired Neckloop. The Neckloop is on standby mode, awaiting to make or receive calls.

◆ **Connecting the Neckloop and the Phone**

Once paired, both the Neckloop and phone will connect to each other automatically when switched ON and are within (10 meters) range. Ensure Bluetooth feature is enabled on the phone.

◆ **Disconnecting the Neckloop and the Phone**

When not using the Neckloop and the phone, they can be disconnected as follows:

1. Power off the Neckloop.

2. Disconnect the Neckloop or switch off the Bluetooth function on the phone.

3. Keep the Neckloop and the phone for more than 20 meters apart.

3. Using the Neckloop

The Neckloop will support the following features listed.

◇ **Making Calls**

Dialing from the Phone: Make calls on the phone in normal ways.
Voice Dialing from the Neckloop: If the phone supports voice dialing, push the MFB on the Neckloop twice quickly. When the beep tone is heard, say the desired name (voice tag).
Redialing the Last Dialed Number: When no call is in progress, press the MFB twice.

◇ **Answering Calls**

To answer a call, wait for the Neckloop ring tone, then press the MFB to accept call; or answer call via phone in the normal way.

◇ **Rejecting Calls**

To reject an incoming call, wait for the Neckloop ring tone, then press and hold the MFB for about 1.5s.

◇ **Ending Calls**

To end an active call, press the MFB to drop the call; or end call via phone in the normal way.

◇ **Adjusting Neckloop Volume**

Adjust the Volume control up/down to desired level.

You can also press **VOL+** button once during a conversation to increase the volume or press **VOL-** button once to decrease it.

◇ **Muting the microphone**

Press and hold **VOL+** and **VOL-** buttons during a conversation to mute the microphone. Press and hold the two buttons again to cancel the muting.

◇ **Playing music**

Find the desired music on your mobile phone or other Bluetooth device, then press the MFB once to play it.

Press **VOL+** button once during music playing to increase the volume or press **VOL-** button once to decrease it.

Press and hold **VOL+** button during music playing to skip to the next song or press and hold **VOL-** button to return to the previous one.

NOTE: If there is an incoming call when you are listening to the music, on hearing the ring, press the MFB to answer the call. And when you end the call, the Neckloop continue playing music.

◇ **Low Battery Indication**

When low battery level occurs, the Neckloop beeps once every 30 seconds and Red indicator flashes every 30 seconds.