

Seecode Tube User Manual

Declaration:

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The company reserves rights to make any changes and improvements to the product described in this document without prior notice.

Notice :

Please make sure your mobile phone supports Bluetooth profiles and network operator supports the functions described in this manual, otherwise the relative functions cannot be realized on this Handsfree device.

Safety

- Use the charger that comes with package.
- Caution, risk of explosion if battery is replaced by an incorrect type.
- Check the laws and regulations on the use of mobile phones and handsfree equipment in the areas where you drive. Always give full attention to driving and pull off the road and park before making or answering a call if driving conditions require.
- Do not allow children to play with your Bluetooth Handsfree Speaker since it contains small parts that could become detached and create a choking hazard.
- Seecode Tube contains a Li-polymer battery. Please keep it away from fire anytime (including discarding Seecode Tube) or the battery may explode.
- The Handsfree Speaker, especially the embedded battery must be properly disposed or may be recycled, contacts your local recycling centers for disposal methods.

Certification and Safety Approvals

This product has been tested and found to comply with Bluetooth BQB requirements, part 15 of FCC rules, R&TTE Directive (99/5/EC) or CE marked requirements.

Warning: Users should not make changes or modify the device in any way. Changes or modifications without expressly approved by the party responsible for compliance could void the user's authority to operate the device.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

CE command:

ETSI EN 301 489-1 V1.6.1(2005-09);
ETSI EN 301 489-17 V1.2.2(2002-08);
ETSI EN 300 328 V1.6.1(2004-11);
IEC 60950-1:2001,EN 60950-1:2001+A11:2004

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1. Introduction

1.1 Bluetooth Technology

Bluetooth is an internationally standardized technology supporting short distance wireless communications. Any two Bluetooth-compatible equipments, such as mobile phone, PDA、PC, headset, mouse, keyboards, printer, etc. can wirelessly communicate with each other via Bluetooth connection. To ensure worldwide compatibility, Bluetooth operates on the globally available Industrial Scientific and Medical (ISM) frequency band. Within 2.4 GHz and 2.48 GHz, Bluetooth transmits data up to either 10 meters (CLASS II mode) or 100 meters (CLASS I mode) using 79 frequency hopping channels.

Though line-of-sight is not required, Bluetooth connections could be subject to interferences from obstructions such as walls, human bodies, and other electronic devices. In addition, due to variations on product implementation, it is likely that Bluetooth equipments from different manufactures have interoperability issues. In that case, you may consult with manufactures to check product compatibility.

Note that, there could be some restrictions imposing on using Bluetooth devices in some countries. Please check with your local authorities.

1.2 Product Features

- Bluetooth v 2.0 compliant, Class II, operating range up to 10 meters
- An OLED screen displays phone status, battery capacity, signal strength, call status, caller's ID, and local phonebook records
- User friendly menu and six easy-to-operate keys make it convenient for you to make/receive calls and operate Seecode Tube
- Support local phonebook call origination and phonebook synchronization with mobile phone records
- Support software upgrade via USB port
- Support the simultaneous connection with two Bluetooth handsets
- Support the storage of the pairing information of up to 8 handsets
- Support Text-to-Speech (TTS) and voice prompt of the device status and incoming call ID
- Best-in-class voice quality ensured by cutting-edge noise suppression and echo cancellation techniques
- Support voice dialing, call waiting, and conference call
- Support multi-language display
- Better portability with internal rechargeable Lithium Polymer battery
- 3.5mm standardized Line-Out connector for voice privacy
- Low power consumption, up to 10 hours talk time and 1000 hours standby time with the internal battery
- Human-oriented accessories for easy mounting in vehicles

1.3 Package Contents

- Seecode Tube, 1

- Car charger, 1
- USB cable, 1
- User manual, 1

1.4 Overview

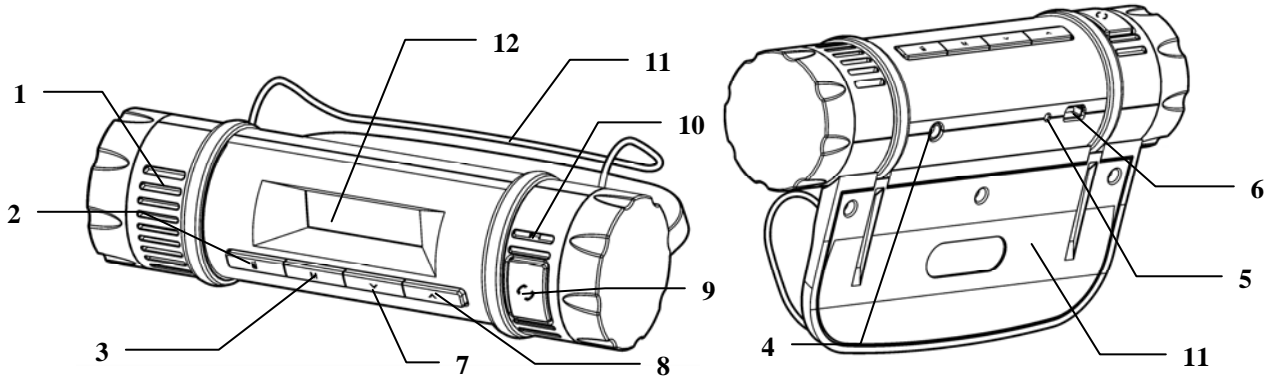


Figure 1: Appearance

1. Speaker: Output voice and AV music
2. 📞: Hot key, used to set speed dial.
3. M: Enter/exit menu, quickly enter phonebook, call mute, stop AV play
4. Port for headset
5. Reset key
6. USB port: Connect the car charger or USB cable
7. ▼: Volume down; disconnect from other Bluetooth devices; scroll down menu items, phonebook entries, and call records; play next song; voice dialing/cancel voice dialing
8. ▲: Volume up; scroll up menu items, phonebook entries, and call records; quit pairing; play last song; dial the last number
9. ⏻: Turn Seecode Tube on/off; select menu items; answer calls; reject calls; end calls; transfer calls from/to handsets; play/pause AV
10. Microphone: Voice pick-up
11. Sun visor plate
12. OLED screen: Displays menu, phone status, battery capacity, call status, caller's ID, and phonebook records.











1.5 Definitions of Icon Indicators

The following icon indicators are used for displaying Seecode Tube/phone status on the OLED screen:

🔇: Mute indicator, displayed when Seecode Tube is muted.

↔: Phonebook synchronization indicator, displayed when phonebook synchronization between Seecode Tube and the handset is in progress

📶: Pairing indicator, displayed when entering pairing mode

- : Connecting indicator, displayed when connection is in progress
- : HF/HS connection indicator, displayed after HF/HS connection is established
- : AV connection indicator, displayed after the connection of AV service is established
- : Battery information indicator, with 5 grades , , , , and , displayed according to the current battery capacity
- : Indicate the strength of handset signals



2. Using Seecode Tube

2.1 Battery Charging and Usage

2.1.1 Battery Charging

Seecode Tube contains a rechargeable Li-Polymer battery. First-time charging takes about 4 hours. Later-on recharging needs 2-3 hours. The charging procedure is as follows:

1. Plug the connector of the charger into the USB port on Seecode Tube.
2. Connect the car charger to the cigarette lighter to start charging.

Icon indicator  will blink during the charging. When the icon changes to , it indicates that the battery is full and you can disconnect Seecode Tube from the power outlet.

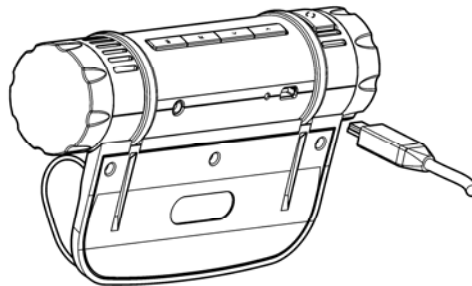


Figure 2: Charging

You can also use the USB cable to charge Seecode Tube on PC. Charging by using USB cable takes longer than by using car charger because the output power of the USB cable is smaller than that of the car charger.

2.1.2 Battery Information

Once fully charged, the battery will support continuous talk time up to 10 hours and standby time up to 1000 hours. When the battery is low, Seecode Tube beeps once every two minutes and there is a message “Battery Low” displayed on the screen. You can charge the battery as described above.

Note that, over-charging will shorten battery life. If a fully charged battery is left unused, it will lose power over time. Extreme temperature (either too hot or too cold) will also affect the charging ability, capacity, and lifetime of the battery.

2.2 Mounting Seecode Tube

Seecode Tube can be easily mounted on the sun visor inside the car by using sun visor plate delivered with Seecode Tube.

The sun visor plate is adjustable. You can adjust it after mounting it on the sun visor till the OLED screen can conveniently be seen.

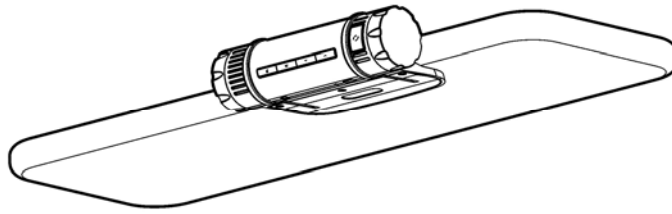




Figure 3: Mounting Seecode Tube

2.3 Turn on/off Seecode Tube

Turn on Seecode Tube: Press and hold button  for at least 3 seconds until you hear the voice prompt “Tube ready” and the word “Tube” appears on the screen.





Turn off Seecode Tube: Press and hold button  for at least 6 seconds until you hear the voice prompt “Tube power off” and the screen is off.

Reset: The reset key is located on the side of Seecode Tube. When Seecode Tube is locked because of any misoperation, you can recover it by pressing the reset key.

2.4 Menu Operations

2.4.1 Main Menu

A user-friendly menu is provided to assist the user to use the product. Listed below are menu page contents and the usage of each menu item:

- : Phonebook menu containing three submenus:
 - View:** Display phonebook records
 - Download:** Download the phonebook records from the handset
 - Erase:** Delete all the phonebook records stored in Seecode Tube
 - Remarks:** *Download submenu is displayed on the screen only if the HF/HS connection between the handset and Seecode Tube is established. In addition, it only works with compatible handsets.*
- : Call history menu containing two submenus:
 - Incoming:** Select to display the following two submenus:
 - View: Display incoming call history records
 - Erase: Delete all incoming call history records stored Seecode Tube
 - Outgoing:** Select to display the following two submenus:
 - View: Display outgoing call history records
 - Erase: Delete all outgoing call history records stored in Seecode Tube
- : Hotkey operation menu. This menu contains two submenus:
 - View:** Display the current hotkey setting
 - Erase:** Remove the current hotkey setting
- : System setting menu containing seven submenus:
 - Backlight:** Select to display the following submenus. Select one of them to set the screen protection time.
 - 10 Sec

- 20 Sec

- 60 Sec

- Always On

Note: Shorter backlight time can extend the use of battery.

Brightness: Select to adjust the brightness of displayed fonts and icon indicators following the brightness indication bar showed on the screen.

It is recommended to increase the brightness of Seecode Tube when you are in a bright environment and decrease the brightness when the environment is not so bright to achieve best display effect.

Language: Select to display submenus for setting the language of Seecode Tube.

Note that, the languages and quantity of languages that Seecode Tube supports vary with the models and software versions of Seecode Tube.

Reconnection: Select to display the following submenus to enable or disable the auto reconnection function.

- Enable

- Disable

TTS: Select to display the following submenus to enable or disable the TTS.

- Enable

- Disable

Display Mode: Select to display the following submenus to set the work mode of the OLED screen.

- Normal

- Reverse

SW Version: Select to display the 8-digit software version.

- : Pairing operation menu containing two submenus:



- **Activate:** Start pairing

- **Erase:** Delete all pairing information stored in Seecode Tube

2.4.2 Enter Main Menu

When Seecode Tube is in standby mode, press button **M** to enter the main menu. By pressing button **M** again, you can exit the main menu.

2.4.3 Browse Menu Items

Press button  or  scroll up or down items of main/sub menu.

2.4.4 Execute Menu or Enter Submenu

Press button  to execute the highlighted menu item or enter a submenu.

2.4.5 Exit the Menu



In a submenu, press button **M** to return to the main menu. If it is already in the main menu, press button **M** to exit from the menu and return to standby mode.


2.5 Pairing and Connection

2.5.1 Pairing with Bluetooth Handset

Before making or answering calls, you must pair Seecode Tube with your handset. Pairing sets up a unique relationship between the two and lets the handset memorize Seecode Tube's unique ID (or passkey). This ensures that calls will always be carried over a unique encrypted wireless link.




The pairing procedure is as follows:

- 1) Place Seecode Tube close to your Bluetooth handset, and ensure both Seecode Tube and the handset are powered on.
- 2) Press button **M** to enter the main menu. Select , and then select **Activate**. When you hear the voice prompt "Please select Tube from mobile phone and enter pin code 0000" and see  shown on the screen, it is an indication that Seecode Tube has successfully entered the pairing mode.
- 3) Follow your phone user guide to activate Bluetooth device search on the phone. You will see a list of Bluetooth equipment on your phone screen at the end of the searching process.
- 4) Select **Tube** from the list and initiate pairing following handset's on-screen prompts. Enter passkey "0000" and confirm to pair Seecode Tube with your handset. Once the pairing procedure is completed, you will hear voice prompt "Pairing successful". It indicates that Seecode Tube and the handset are paired.

Note: Seecode Tube will remain in the pairing mode for about 2 minutes. If pairing cannot be finished within 2 minutes, Seecode Tube will enter into the standby mode and the icon indicator  will disappear. You need to repeat the above steps to restart the pairing process.


2.5.2 Delete Pairing Records

Seecode Tube can save the pairing information of up to 8 Bluetooth devices. To delete all the pairing records stored in Seecode Tube, perform as follows:

- 1) Press button **M** to enter the menu.
- 2) Select .
- 3) Press button .
- 4) Select **Erase**.
- 5) Press button .

Seecode Tube will enter the pairing mode automatically when the pairing records are deleted.






2.5.3 Quit Pairing with Bluetooth Equipment

When Seecode Tube is in pairing mode, press button **^** to exit pairing mode and enter standby mode. The icon indicator  will disappear.

2.5.4 Connecting/Disconnecting Seecode Tube with Bluetooth Handset

Seecode Tube can communicate with Bluetooth equipment only when the Bluetooth connection between the two equipments has already been established.


Connecting Seecode Tube with Bluetooth handset





If Seecode Tube has already been paired with the handset, you can press button  for connection or initiate a connection after Seecode Tube is found in the list on the handset. During the connection, the icon indicator  will be displayed on the screen. When the HF connection is established, you will hear voice prompt “Phone connected” and see icon indicator  displayed. If the handset supports Bluetooth A2DP, press button  to establish A2DP connection between Seecode Tube and the handset. When the A2DP connection is established, icon indicator  will be displayed on the screen of Seecode Tube.

Note:

Some handsets can establish A2DP connection together with HF connection.

Disconnecting Seecode Tube from Bluetooth handset

When HF connection is already established between Seecode Tube and the handset, but no call is on, you can press and hold button  for 3 seconds to drop the connection, or follow the handset’s manual to drop the connection from the handset side.

After the disconnection, you will hear voice prompt “Phone disconnected” and the icon indicator  will disappear. If A2DP connection also exists, you need to press and hold button  for 3 seconds to drop the A2DP connection first, and then press and hold button  for 3 seconds to drop the HF connection. After the A2DP connection is removed, the icon indicator  disappears on the screen of Seecode Tube.

Note:

For some handsets, the HF connection is removed at the same time when the A2DP connection is removed.

Reconnection

Seecode Tube provides the function of auto reconnection.

You can find the submenu **Reconnection** in the menu .

If **Enable** is selected in the submenu **Reconnection**, the reconnection happens when accidental disconnection occurs. The reconnection is divided into three stages:

1. Within the 10 seconds after the disconnection happens: Seecode Tube keeps trying to reconnect.
2. Within the 10 minutes after the disconnection happens: Seecode Tube tries to reconnect every 10 seconds.
3. Within the 30 minutes after the disconnection happens: Seecode Tube tries to reconnect every 30 seconds.


If connection fails to be established within 30 minutes, Seecode Tube stops the auto reconnection.

If **Disable** is selected in the submenu **Reconnection**, Seecode Tube will keep trying to reconnect within the 10 seconds after the disconnection happens. If no connection is established within the 10 seconds, you should try to establish the connection manually.


2.6 Call Functions

2.6.1 Basic Call Operations



Answer a call: Press button .



Reject a call: Press and hold button  for 3 seconds.

End a call: Press button .




Redial: When Seecode Tube is in standby mode, press and hold button  for 3 seconds.

2.6.2 Adjust Volume


When Seecode Tube is in the connected or talk/play mode, you can adjust sound volume up or down by pressing button  or . After adjustment, the volume indication bar will be displayed on the screen for 2 more seconds before disappearing.

If the OLED screen is in reverse mode, press button  for volume down and button  for volume up.


2.6.3 Mute an Active call


When a call is on, you can press button  to mute the call and press button  again to unmute the call. When the call is muted, the icon indicator  will be displayed on the screen and Seecode Tube beeps every 5 seconds.

2.6.4 Transfer Call between Seecode Tube and Handset

When a call is in progress on Seecode Tube, you can press and hold button  for 3 seconds to transfer the call from Seecode Tube to handset.








2.6.5 Voice Dialing

If the connected handset supports voice dialing, you can press and hold button  for 3 seconds to activate voice dialing. Before using voice dialing, you must record voice tags in your handset. Please refer to your handset manual for details about how to set up voice dialing and record voice tags.

When voice dialing is progress, you can quick press button  to cancel voice dialing.

2.6.6 Advanced Call Functions

If your handset supports call waiting or conference call, Seecode Tube can also realize the two features. See details as follows:


1. A new call comes in when the existing call is still in progress:
 - 1) Press button  to hold the current call and accept the incoming new call.
 - 2) Press and hold button  for 3 seconds to end the current call and accept the incoming new call.
 - 3) Press button  to keep the current call and reject the incoming new call.
2. When two calls are in progress, one is active and the other is on hold:
 - 1) Press button  to toggle the held and the active calls.
If there is more than one held call, repeat this operation to switch activated/held calls from one to another.
 - 2) Press and hold button  for 3 seconds to end the active call and accept a held call.
If there is more than one held call, repeat this operation to go through all the held calls.
 - 3) Press button  to end all held calls.
 - 4) Press and hold button  for 3 seconds to add a new call into the current talking.
Repeat this operation to add more calls to the conferencing party.

2.7 AV Functions

This product supports AV Mode functions. When connected with a Bluetooth-enabled multimedia/music player which must support A2DP profile, the product allows users to enjoy and remotely play stereo music on the player.


2.7.1 Establish AV Connection

If your handset supports Bluetooth A2DP profiles, you can establish A2DP connection between the handset and Seecode Tube to enjoy music on Seecode Tube while the music is played by the handset. Depending on the handset capability, the AV connection could be established automatically when you start playing music.


If A2DP connection is established between the handset and Seecode Tube, icon indicator  will be displayed on the screen. If your handset does support A2DP profiles but the A2DP connection fails to be established when music starts to play, you must follow your handset's user guide to establish A2DP connection before playing music.

2.7.2 AV Operations

The following operations can be performed to remotely control the handsets or media players which support both A2DP profiles and AVRCP profiles to play music:

Play: Press button .

Pause: Press button .



Stop: Press button .

Volume up: Press button .

Volume down: Press button .

Backward: Press and hold button  for at least 3 seconds.

Forward: Press and hold button  for at least 3 seconds.

If the OLED screen is in reverse mode, the functions of buttons  and  exchange accordingly.

Note:

The music will be paused if a call comes in. You can answer or reject the call in the usual way. When the call is ended, the music will be resumed automatically.

2.8 Two-Link Operation


Seecode Tube can be connected with two handsets simultaneously, which brings great convenience to the users who own two handsets.

2.8.1 Connecting Two Handsets

Different methods can be used to connect two handsets which are already paired with Seecode Tube. For the procedure of pairing, refer to section 2.5.1.

1. When Seecode Tube is turned on, it automatically starts to connect the last two handsets which were connected with Seecode Tube last time.

2. Initiate the connection on Seecode Tube.

When Seecode Tube is in standby mode (no Bluetooth connection exists), press button . Seecode Tube starts to connect the last handset connected with it. After the connection is established, Seecode Tube automatically starts to connect the second last handset connected to it.

Note: If the handset which you want to connect to Seecode Tube is not the last or second last handset connected with Seecode Tube, you need to initiate the connection on the handset.

3. Initiate the connection on the handset.

Start the Bluetooth connection on the handset following the user manual of the handset.

Note: The second connection can be started only after the first one is successfully established.


When both of the two handsets are successfully connected, the first one will be the active handset and the second one will be the standby handset. The active/standby relation can be changed only after the first handset is disconnected. Only the name of the active handset can be displayed on the screen of Seecode Tube.

Any call operation initiated by Seecode Tube is performed only on the active handset, for example, redialing and voice dialing.

Any operation initiated by either active or standby handset can be performed on Seecode Tube in the same way as the single-link.

2.8.2 Call Operation

When two handsets are connected with Seecode Tube simultaneously:

1. If only one handset receives a call, the call will be transferred to Seecode Tube and all the operations will be the same as those of single-link.
2. If the two handsets receive calls at the same time, Seecode Tube can accept only the call which reaches it first. In this case, all the call operations on Seecode Tube will act on this call only, including call waiting and conference call. When the first call is ended, you must long press button  to transfer the other call from the other handset to Seecode Tube. Otherwise, the other call will stay on the handset.

2.9 Pairing/Connecting with Other Bluetooth Device

2.9.1 Pairing with Other Bluetooth Device

Besides the Bluetooth handset, Seecode Tube can be paired with other Bluetooth devices to establish short-distance Bluetooth communication. For how to operate Seecode Tube for the pairing, refer to section 2.5.1. For how to operate the Bluetooth device for the pairing, refer to its user manual.




Seecode Tube can save the pairing information of up to 8 Bluetooth devices including the Bluetooth handset. The information is saved in the sequence of the pairing. For how to remove the pairing information from Seecode Tube, refer to section 2.5.2.

After the pairing, wireless short-distance communication can be established between any of the Bluetooth devices and Seecode Tube. For how to establish the Bluetooth connection, refer to section 2.5.4.

2.9.2 Pairing and Connecting with Bluetooth USB Dongle

Before pairing and connecting, please ensure your USB Dongle has already been connected with PC and the IVT's BlueSoleil driver has been installed in PC.

Detailed operation procedures are as follows:

1. Press button **M** to enter the main menu. Select  and then select **Activate**.
When you hear voice prompt “Please select Tube from mobile phone and enter pin code 0000” and see icon indicator  displayed on the screen, the pairing succeeds.
2. Start “IVT BlueSoleil”. Select **My Bluetooth>Bluetooth Device Discovery** on the software menu bar to search for the Bluetooth device.
3. After Seecode Tube is found, right-click **Tube**, and then select **Pair Device**.
4. Enter passkey 0000.
5. After the pairing succeeds, red √ will be displayed before the device name **Tube**. Right-click **Tube** and select **Connection>Bluetooth AV Service** to establish AV service connection between IVT and Seecode Tube.
6. To remotely control the play of the music on PC, you can start Windows Media Player and set the speaker interface to **Bluetooth AV/HS Audio** after establishing AV service connection.
7. Restart Windows Media Player. You can now listen to the music on Seecode Tube. For how to control the music playing on PC, refer to section 2.7.2.
8. For voice communications such as chatting over the Internet, you must disconnect Bluetooth AV Service, and connect Bluetooth Headset Service. First, right-click **Tube**, and select **Disconnect>Bluetooth AV Service**.
9. Right-click **Tube**, and then select **Connect> Bluetooth Headset Service**. When you hear the indicating tone, press button  to set up the connection.
10. After connection is established, start **Control Panel** and select **Volume and Audio Device**. Change default device to **Bluetooth AV/HS Audio**. Now you can talk over the microphone of Seecode Tube.

Note:




1. *When Bluetooth AV Service connection is established, you can remotely control the music play by using Seecode Tube, such as play, pause, select music, and control volume up and down. However, you cannot speak through the microphone of Seecode Tube.*
2. *When Bluetooth Headset Service connection is established, you can listen to the music and talk over the microphone. However, you cannot use Seecode Tube to remotely control the music playing.*

If you use Bluetooth windows driver other than IVT's BlueSoleil, you may follow software vendor's user manual to complete pairing and connecting Seecode Tube with your USB dongle.

3. Phonebook Operations

3.1 Download/Synchronize Phonebook

3.1.1 Initiate Phonebook Downloading on Seecode Tube


Connect Seecode Tube with the handset before the downloading. Press button **M** to enter the main menu. Select  and then select the submenu **Download**. If no problem exists in handset compatibility, the downloading starts. You will hear the voice prompt “Start downloading. Please wait”. Icon indicator  will be displayed on the screen till the downloading is completed. The downloaded phonebook will replace the existing phonebook stored in Seecode Tube. When the downloading is completed, you will hear the voice prompt “Download completed” and the icon indicator  will disappear.

If Seecode Tube does not have enough space to save all the phonebook records, the downloading will be terminated when the space is run out and the message “Full Record!” will be displayed on the screen. The phonebook records downloaded before the downloading stops will be saved in Seecode Tube. Seecode Tube can save up to 400 phonebook records.

If there is the handset compatibility problem, the downloading will be terminated immediately. You will hear the voice prompt “Automatic transfer not supported by phone” and see the message “Sync Failed!” displayed on the screen. The original phonebook records will remain in Seecode Tube.

Note that, you can try to send phonebook records one by one to Seecode Tube from the handset if you fail to initiate phonebook downloading from Seecode Tube side.

3.1.2 Initiate Phonebook Synchronization on Handset




For detailed operation procedure, refer to your handset’s user manual. Ensure that before the synchronization starts, Seecode Tube is in standby mode with no Bluetooth connection established with the handset. Icon indicator  will be displayed on the screen until the synchronization is completed or the memory space of Seecode Tube is run out. If there is compatibility problem, your handset will display error messages (check your handset for details).

Note:

For different models of handsets, phonebook synchronization may be different.

3.2 Use Phonebook

Display Phonebook

When Seecode Tube is in standby or connected mode, press and hold button **M** for 3 seconds to display the phonebook or use the menu to display the phonebook (for details, refer to section 2.4.1). If there is no record in the phonebook, the message “No Record!” will be displayed on the screen. Otherwise, alphabet index of the phonebook will be displayed. The alphabet index starts from A to Z. Records that do not belong to this index are categorized into “...”. You can press button  or  to scroll up or down the index, and press button  to select the highlighted character and display all the records with this character as the initial. If no record is found with this character as the initial, records with the following character as the initial are displayed.






Usually, the caller's name and phone number will be displayed on the screen. However, some characters may be illegible for some reason, for example, the name is in another language different from that Seecode Tube is using. In that case, "?" will be displayed. If the phone number is not saved with the caller's name in your handset, only the phone number will be displayed on the screen of Seecode Tube. In addition, if the phone numbers and callers' names are saved in your handset with tags such as Work, House, and Mobile phone, characters /**w**, /**h**, and /**m** will be displayed on the screen of Seecode Tube after the callers' names.

Note:

*Phonebooks of more than one handset may be saved in Seecode Tube. If Seecode Tube is in standby mode (disconnected), press and hold button **M** for 3 seconds to display the phonebook downloaded just last time. If Seecode Tube is connected, it displays the phonebook of the handset which is being connected with it.*

Call history records

You can also use the menu to display both the incoming call records and the outgoing call records. For details, refer to section 2.4.1. If no call record is found, the message "No Record!" will be displayed on the screen.


In either the phonebook records or the call history records, press button  or  to scroll up or down the records. When Seecode Tube is in connected mode, you can press button  to dial the number you select in the phonebook. For a call history record, you can press button  to see the details of the record and press button  again to dial the number. When the number is dialed, you will hear the voice prompt "Calling <Number>".

3.3 Exit Phonebook

When you are browsing phonebook/call history records or the details of a record, you can press button **M** to return to standby mode. When you are browsing the details of a record, you can press button **M** to return to the last level of menu and press button **M** again to return to the standby mode.


3.4 Delete Phonebook/Call History Records

To delete all the phonebook records, press **M** to enter the main menu, select , and then select **Erase**.



To delete all the call history records, press **M** to enter the main menu, select , select **Incoming / Outgoing**, and then select **Erase**.

4. Hotkey Operation

4.1 Hotkey Function Description

With this function, you can save a phonebook/call history record into Hotkey. When Seecode Tube is in connected mode, you can press button  to dial the saved number.


4.2 Query Hotkey Setting

When Seecode Tube is in standby or connected mode, press and hold button  for 3 seconds to display the details of the current Hotkey setting. You can also use menu to query the setting. For details, refer to section 2.4.1. If HF connection is already established between Seecode Tube and the handset, you can press button  to dial the number saved in the Hotkey and hear the voice prompt “Calling<Number>”.


4.3 Exit Hotkey Details

When you are browsing the details of the Hotkey setting, you can press button **M** to return to the standby mode.

4.4 Set Hotkey

Select a phonebook/call history record and enter its details. Press button  to save this record as the Hotkey. You will hear the voice prompt “Hot key is selected set to name/number”.

4.5 Dial Hotkey Number

When Seecode Tube is in connected mode, press button  to dial the number which is already saved as the Hotkey. You will hear the voice prompt “Calling <Number>”.

5. Upgrade Software

Seecode Tube supports software upgrade via USB port. This unique feature allows you to always get the latest software release from the product service section of website. Such software upgrade may help you solve the compatibility problem related to new handset models. The software upgrade also covers the improvement of product features and performance.






Detailed operation procedure is as follows:

- 1) Download software upgrade tool **DFU Wizard** from the service website and install it on your PC.
- 2) Download the latest version of software for Seecode Tube from the service website, for example, SeecodeTube-1205.dfu.
- 3) Connect Seecode Tube with the PC using the USB cable delivered with Seecode Tube.
To update the software successfully, it is better to unplug other Bluetooth equipment from the PC USB port.


4) Press button **M** to enter the main menu.

5) Select .

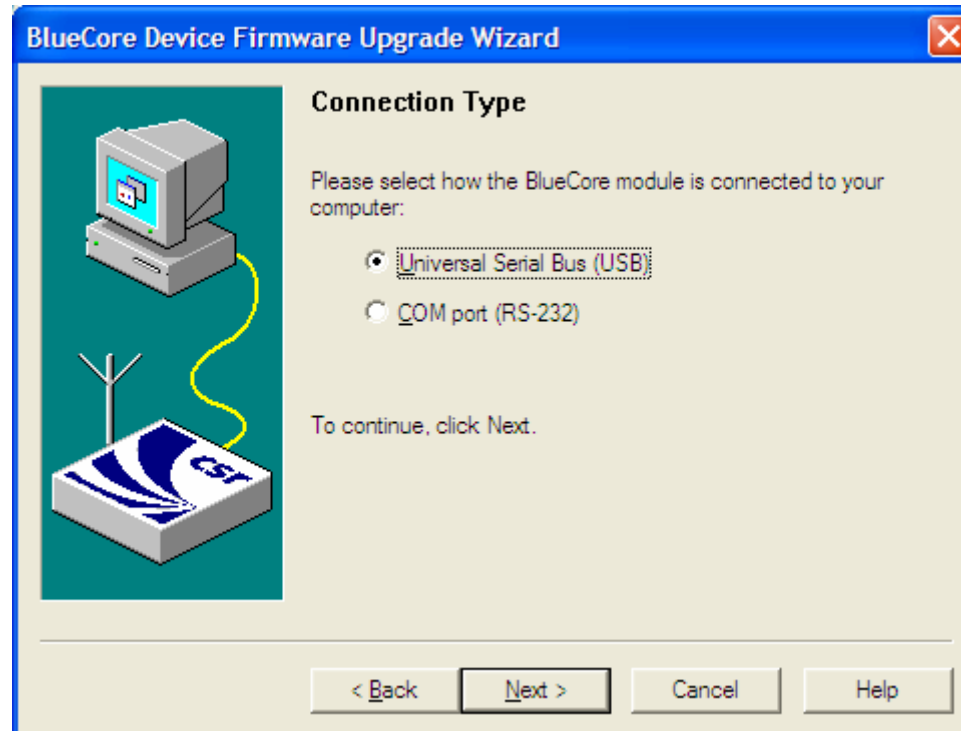
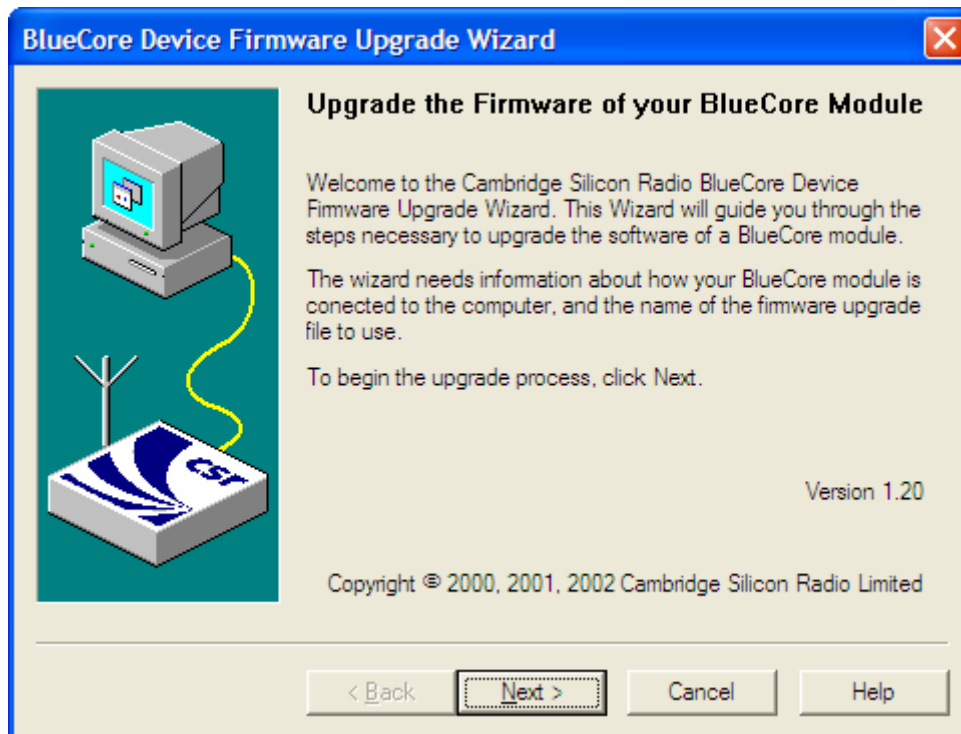
6) Select **SW Version**.

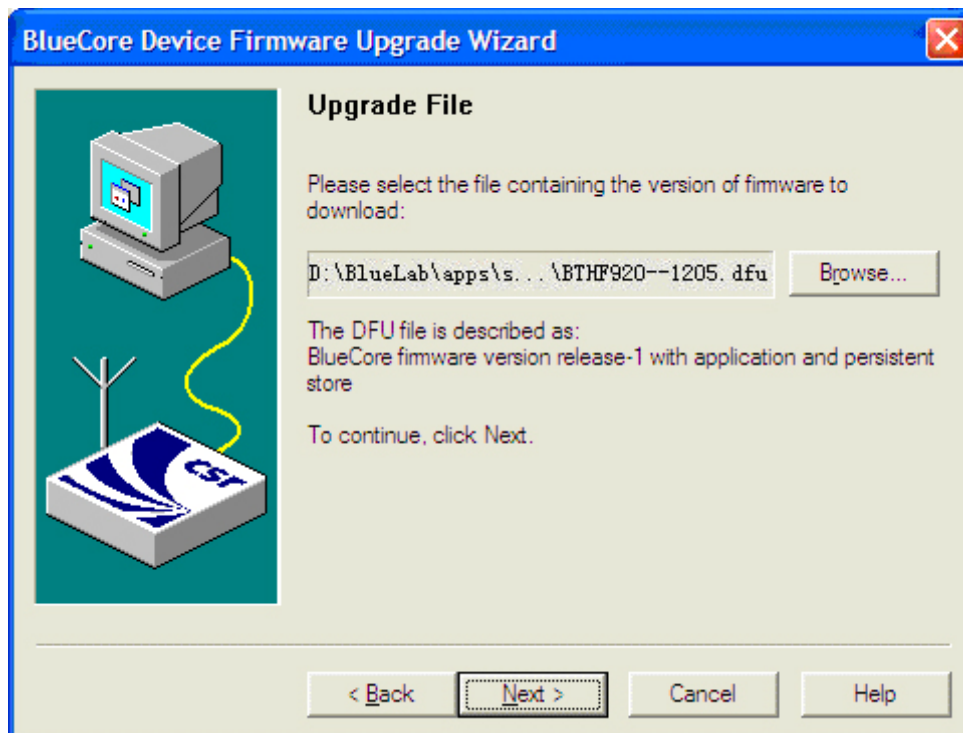
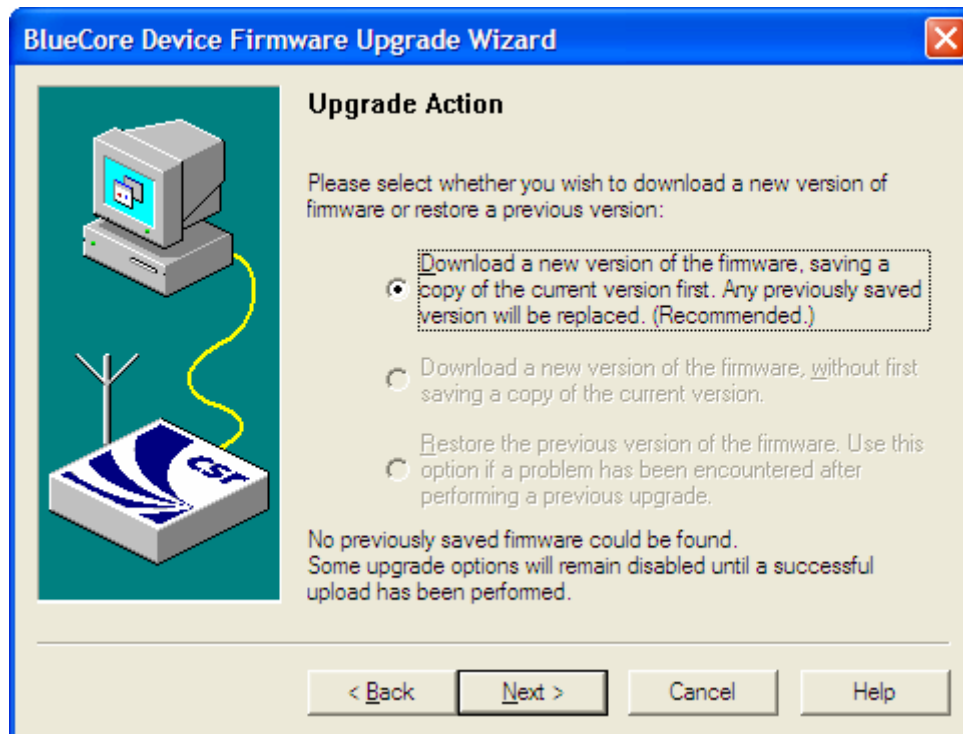
7) Press buttons , , , , and  to enter the software upgrade mode.

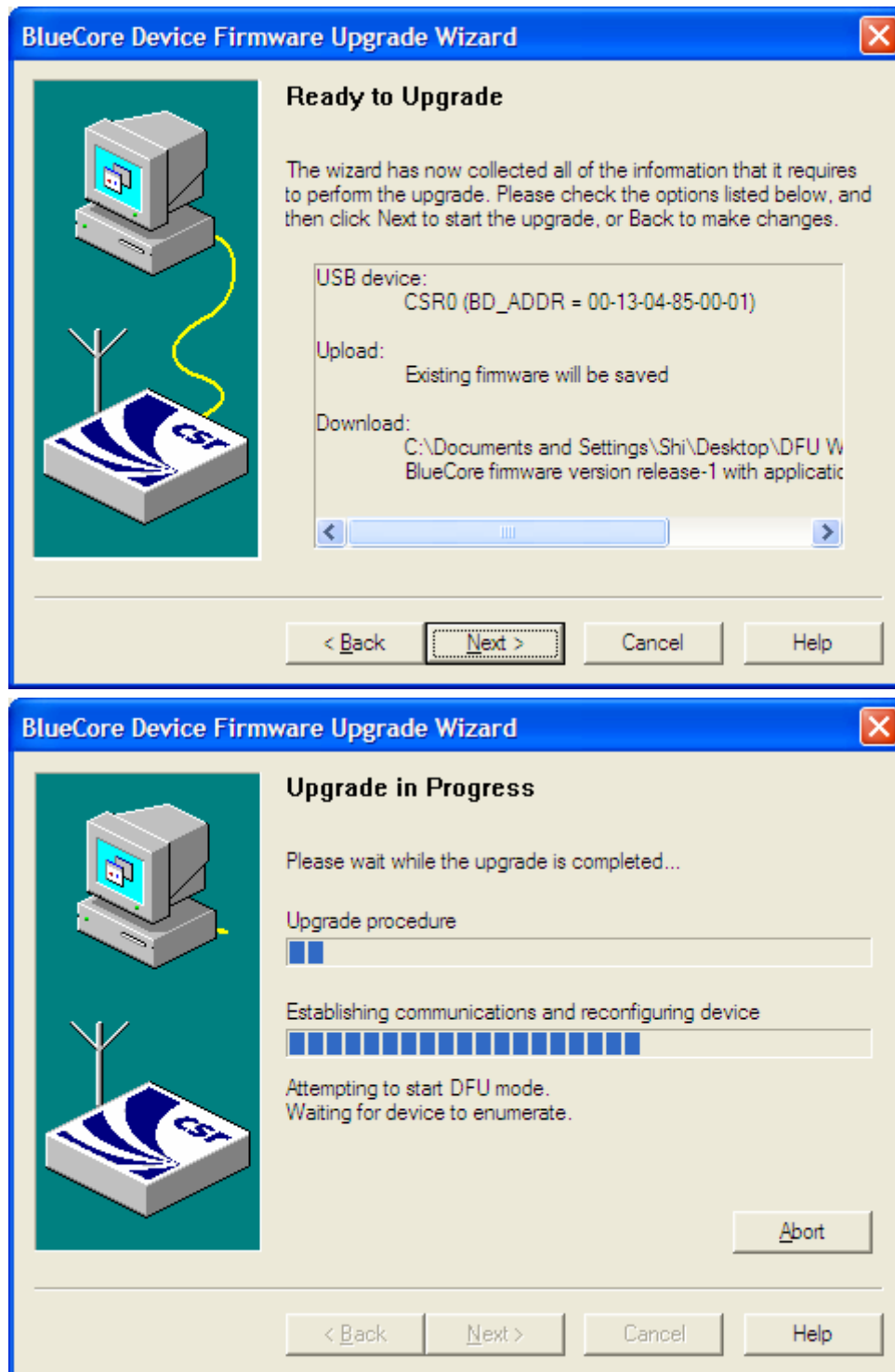
Message “DFU...” will be displayed on the screen.

If you enter the software upgrade mode by misoperation, you can press button  twice to exit the software upgrade mode.

- 8) If it is the first time to upgrade the software for Seecode Tube on your PC, install the USB driver first. The USB Driver is saved in the folder ‘DFU Wizard’ which you have downloaded, and the file name is CSRBlueCoreUSB.inf. The driver supports only Windows 2000 and Windows XP operating system currently. If your PC uses other operating system, it cannot perform the software upgrade. Note that, even if your PC has been installed with other USB driver, you must use the provided USB driver for the software upgrade. Otherwise, your PC might be unable to upgrade the software for your Seecode Tube.
- 9) Run DFUWizard.exe.
The dialog box as shown below is displayed.
- 10) Click **Next**.





**Warning:**

Interrupting the upgrade process, such as lost of power, and USB cable disconnection, may cause unrecoverable software errors in Seecode Tube. In that case, you may have to return the product to the vendor for software recovery. To avoid the upgrade interruption, please ensure that your Seecode Tube has enough battery power and the USB cable has been firmly connected to both your PC and your Seecode Tube before the upgrade.

6. Quick User Guide

You can follow the instructions listed in Tables 1-7 below to operate Seecode Tube. See sections 1.4 and 1.5 for button definitions and usages.

Note: Seecode Tube can only talk to paired Bluetooth handsets. For handsets supporting HFP only, you also need to establish Bluetooth connection between Seecode Tube and your phone before making and answering calls

Table 1: Power on/off
















FUNCTION	CURRENT STATUS		OPERATION	SEECODE TUBE INDICATOR	
	HANDSET	HF		VOICE PROMPT	OLED DISPLAY
Turn On		Power Off	Press and hold button  for 3 seconds	Tube ready	Tube
Turn Off		Standby	Press and hold button  for 6 seconds	Tube power off	The screen is off

Table2: Pairing/Connections

FUNCTION	CURRENT STATUS		OPERATION	SEECODE TUBE INDICATOR	
	HANDSET	HF		VOICE PROMPT	OLED DISPLAY
Enter pairing mode		Standby	1) Press button M to enter the main menu. 2) Select  . 3) Press button  . 4) Select Active . 5) Press button  .	Please select Tube from mobile phone and enter pin code 0000	Icon indicator  is displayed on the screen.
Quit pairing mode		Pairing mode	Press button  .		Icon indicator  disappears.
Delete all pairing info		Standby	1) Press button M to enter the main menu. 2) Select  . 3) Press button  . 4) Select Erase . 5) Press button  .	Please select Tube from mobile phone and enter pin code 0000	Icon indicator  is displayed on the screen.
Pair Seecode Tube with handset	Power on	Pairing mode	Follow your handset user guide to complete pairing procedure. Passkey is "0000"	Pairing successful	Icon indicator  is displayed on the screen.
Connect Seecode Tube with handset (Successfully)	Standby (Disconnected)	Standby (Disconnected)	Press button  or initiate the connection from the handset side following the handset's user guide	✧ Connecting to phone ✧ Phone connected	✧ During the connecting process, icon indicator  is displayed on the screen. ✧ When the
















					connection is established, icon indicator  is displayed on the screen.
Connect Seecode Tube with handset (Failed)	Standby (Disconnected)	Standby (Disconnected)	Press button  or initiate connection from the handset side following the handset's user guide	<ul style="list-style-type: none"> ✧ Connecting to phone ✧ No phone detected 	<ul style="list-style-type: none"> ✧ During the connecting process, icon indicator  is displayed on the screen. ✧ When the connection fails, icon indicator  disappears.
Disconnect	Standby (Connected)	Standby (Connected)	Press and hold button  for 3 seconds or initiate the disconnection from the handset side following the handset's user guide	Phone disconnected	Icon indicator  disappears.

Table 3: Call Functions

FUNCTION	CURRENT STATUS		OPERATION	SEECODE TUBE INDICATOR	
	HANDSET	HF		VOICE PROMPT	OLED DISPLAY
Answer Call	Standby (Connected)	Standby (Connected)	Press button  .	Call from xxx or Call from private	
Reject Call	Standby (Connected)	Standby (Connected)	Press and hold button  for 3 seconds	Call rejected	
End Call	Talk	Talk	Press button  .		
Redial	Standby (Connected)	Standby (Connected)	Press and hold button  for 3 seconds	Redialing	
Voice Dialing	Standby (Connected)	Standby (Connected)	Press and hold button  for 3 seconds	Key tone	
Cancel Voice Dialing	Voice dialing	Voice dialing	Press button  .	Key tone	
Volume up	Talk	Talk	Press button  .		The volume bar will be displayed on the screen for 2 seconds
Volume down	Talk	Talk	Press button  .		The volume bar will be displayed on the screen for 2 seconds
Mute	Talk	Talk	Press button M.	Key tone	Icon indicator  will be displayed on the screen.


Unmute	Talk	Mute	Press button M .	Key tone	Icon indicator  disappears.
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Table 4: Call Transfer Functions






FUNCTION	CURRENT STATUS		OPERATION	SEECODE TUBE INDICATOR	
	HANDSET	HF		VOICE PROMPT	OLED DISPLAY
Call Transfer between Seecode Tube and Handset	Talk	Talk	Press and hold button  for 3 seconds.	Key tone	

Table 5: Low Power Indication

FUNCTION	CURRENT STATUS		OPERATION	SEECODE TUBE INDICATOR	
	HANDSET	HF		VOICE PROMPT	OLED DISPLAY
Low Power Warning		Except power off		Voice prompt “Battery low” is given once every 2 minutes.	Message “Battery Low” is displayed on the screen.

Table 6: Advanced Call Functions

FUNCTION	CURRENT STATUS		OPERATION	SEECODE TUBE INDICATOR	
	HANDSET	HF		VOICE PROMPT	OLED DISPLAY
Hold Active Call and Accept Incoming Call	Talk	Call Waiting	Press button  .	Key tone	
End Active Call and Answer New Call	Talk	Call Waiting	Press and hold button M for 3 seconds.	Key tone	
Reject New call	Talk	Call Waiting	Press button  .	Key tone	
Toggle Held Call and Active Call	Talk	Call On Hold	Press button  .	Key tone	
End Active Call and Accept Held Call	Talk	Call On Hold	Press and hold button M for 3 seconds.	Key tone	
End the	Talk	Call On Hold	Press button  .	Key tone	









Held Call					
Conference call	Talk	Call On Hold	Press and hold button  for 3 seconds.	Key tone	

Table 7: Work with IVT and Windows Media Player

FUNCTION	CURRENT STATUS		OPERATION	SEECODE TUBE INDICATOR	
	HANDSET	HF		VOICE PROMPT	OLED DISPLAY
Play	IVT/Media player on		Press button  .		
Pause	IVT/Media player on		Press button  .		
Stop	IVT/Media player on		Press button  .		
Volume up	IVT/Media player on		Press button  .		
Volume down	IVT/Media player on		Press button  .		
Backward	IVT/Media player on		Press and hold button  for 3 seconds.		
Forward	IVT/Media player on		Press and hold button  for 3 seconds.		

7. Important Messages and Frequently Asked Questions

Q1: Message “Battery Low” displayed on the screen

When this message is displayed on the screen, please charge your battery as soon as possible.

Q2: Cannot power on Seecode Tube after charging more than 20 minutes

For the first-time usage, Seecode Tube should be charged for at least 40 minute before tuning it on. It is recommended that the battery should be fully charged before using Seecode Tube.

Q3: Cannot hear anything on Seecode Tube

You should check the followings:

- Seecode Tube is power on
- Seecode Tube has paired with a Bluetooth device
- Seecode Tube has connected with a Bluetooth device. The handset that supports Handsfree Profile is an exception.
- Seecode Tube and handset are within 10m working distance
- The environment in which the Seecode Tube and handset stay has good signals.

Q4: Seecode Tube cannot be found when a handset tries to pair with it

Seecode Tube may not be in the pairing mode.

Q5: Does the paired Seecode Tube or the paired handset need to be repaired after powering off?

No. Please note that for the handset that supports handsfree profile, Seecode Tube and the handset must be connected before making any call. For details, refer to “2.7.4”.

Q6: Why does the voice dialing not work?

Check whether your handset supports voice dialing or not and then make sure you have recorded voice tags. Please note that noisy environment will also affect voice dialing.

Q7: How can I upgrade my Seecode Tube to the latest software version?

For software upgrade, please refer to Chapter 5 “Upgrade Software”.

If you cannot upgrade the software by yourself, you can send your Seecode Tube to your appointed local service center and ask the service personnel to do it.

If errors happen in your upgrade and cause function failure, please send your Seecode Tube to your local service center for help.

8. Maintenance

Seecode Tube is a well-designed communications device. Careful maintenance and proper use will extend the product life and keep its good performance. The maintenance procedures recommended are list below:

- Always turn your Seecode Tube off and keep it in a safe place when it is not in use.
- Keep Seecode Tube dry, away from water, precipitation, humidity, moisture, and various liquids that may corrode electronic circuits. If Seecode Tube gets wet, turn it off immediately and wait until it gets dry completely before using it.
- Keep Seecode Tube away from dusty and dirty places. Otherwise, the mechanic and electronic parts could be damaged.
- Do not store Seecode Tube in high temperatures or in direct sunlight. Extreme high temperature could degrade performance, reduce battery lifetime, and wrap or melt the certain plastics.
- Do not store Seecode Tube in too cold place. Moisture could form inside Seecode Tube when you take it to a warm place. This could damage the internal electronic circuits.
- Do not drop, knock, or shake Seecode Tube. The mechanical parts and the internal electronic circuits could be broken.
- Avoid using hash chemicals, cleaning solvents, and any other strong detergent to clean Seecode Tube. You may use a clean and slightly damp cloth to clean it.
- Always take Seecode Tube to the nearest authorized service facility for repairing if it fails to work properly. Disassembling, modifying, and replacing components yourself could degrade product performance, cause damages, and terminate warranty.