

Seecode Vision 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 Vision contains a Li-polymer battery. Please keep it away from fire anytime (including discarding Seecode Vision) 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

The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment.
The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.

CE command :

EN 301 489-17 v1.2.1: 2002

ETSI EN 300 328 v1.6.1:2004

IEC 60950-1:2001 / EN 60950-1:2001

Table of Contents

1. INTRODUCTION	7
1.1 BLUETOOTH TECHNOLOGY	7
1.2 PRODUCT FEATURES	7
1.3 PACKAGE CONTENTS.....	7
1.4 OVERVIEW	8
1.5 DEFINITIONS OF ICON INDICATORS.....	9
2. USING SEECODE VISION	10
2.1 BATTERY CHARGING AND USAGE	10
2.1.1 Battery Charging	10
2.1.2 Battery Information	10
2.2 MOUNTING SEECODE VISION	10
2.3 TURN ON/OFF SEECODE VISION	11
2.4 MENU OPERATIONS.....	12
2.4.1 Main Menu	12
2.4.2 Enter Main Menu.....	13
2.4.3 Browse Menu Items.....	13
2.4.4 Execute Menu or Enter Submenu	13
2.4.5 Exit the Menu	13
2.5 PAIRING AND CONNECTION	13
2.5.1 Pairing with Bluetooth Handset.....	13
2.5.2 Delete Paired Records	14
2.5.3 Quit Pairing with Bluetooth Equipment	14
2.5.4 Connecting/Disconnecting Seecode Vision with Bluetooth Handset	14
2.6 CALL FUNCTIONS	15
2.6.1 Basic Call Operations	15
2.6.2 Adjust Volume.....	15
2.6.3 Mute an Active call.....	15
2.6.4 Transfer Call between Seecode Vision and Handset	15
2.6.5 Voice Dialing.....	16
2.6.6 Advanced Call Functions.....	16
2.7 AV FUNCTIONS.....	16
2.7.1 Establish AV Connection	16
2.7.2 AV Operations.....	16
2.8 TWO-LINK OPERATION	17
2.8.1 Connecting Two Handsets	17
2.8.2 Call Operation	18
2.9 PAIRING/CONNECTING WITH OTHER BLUETOOTH DEVICE	18
2.9.1 Pairing with Other Bluetooth Device.....	18
2.9.2 Pairing and Connecting with Bluetooth USB Dongle	18
3. PHONEBOOK OPERATIONS (OPTIONAL).....	20
3.1 DOWNLOAD/SYNCHRONIZE PHONEBOOK	20
3.1.1 Initiate Phonebook Downloading on Seecode Vision.....	20
3.1.2 Initiate Phonebook Synchronization on Handset	20
3.2 USE PHONEBOOK	20
3.3 EXIT PHONEBOOK	21
3.4 DELETE PHONEBOOK/CALL HISTORY RECORDS.....	21
4. HOTKEY OPERATION	22
4.1 HOTKEY FUNCTION DESCRIPTION	22
4.2 QUERY HOTKEY SETTING	22
4.3 EXIT HOTKEY DETAILS	22

4.4	SET HOTKEY	22
4.5	DIAL HOTKEY NUMBER	22
5.	UPGRADE SOFTWARE	23
6.	QUICK USER GUIDE.....	28
7.	IMPORTANT MESSAGES AND FREQUENTLY ASKED QUESTIONS.....	32
8.	MAINTENANCE	33

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 Vision
- 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 up to 8 handset pairing information
- 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 6 hours talk time and 550 hours standby time with the internal battery
- Human-oriented accessories for easy mounting in vehicles

1.3 Package Contents

- Seecode Vision, 1

- Goose-neck bracket, 1
- Vent Mounting Clip, 1
- Double-sided adhesive base, 1
- Car charger, 1
- USB cable, 1
- User manual, 1

1.4 Overview

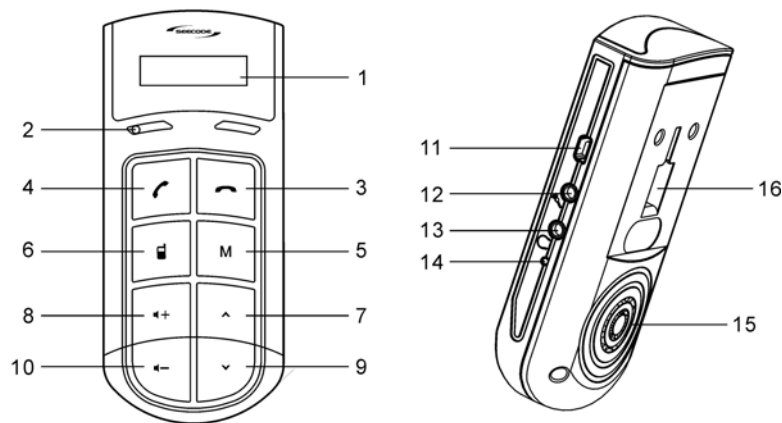















Figure 1: Appearance

1. OLED screen: Displays menu, phone status, battery capacity, call status, caller's ID and phonebook records.
2. Microphone: Voice pick-up
3. : Switch Seecode Vision on/off, quit pairing, disconnect from other Bluetooth devices, end calls
4. : Answer calls, transfer calls from/to handsets, select menu items, play/pause AV
5. **M**: Enter/exit menu, quickly enter phonebook, call mute, stop AV play
6. : Hot key, used to set speed dial.
7. : Scroll up menu items, phonebook entries, and call records; play last song/fast backward, last number redial
8. : Volume up, quickly enter incoming call records
9. : Scroll down menu items, phonebook entries, and call records; Play next song/fast forward, voice dialing
10. : Volume down, quickly enter outgoing call records
11. USB port: Connect the car charger or USB cable
12. : Port for microphone
13. : Port for headset
14. Reset key

15. Speaker: Output voice and AV music
16. Port for installing mounting accessories

1.5 Definitions of Icon Indicators

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

- : Mute indicator, displayed when Seecode Vision is muted.
- : Phonebook synchronization indicator, displayed when phonebook synchronization between Seecode Vision 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 Vision

2.1 Battery Charging and Usage

2.1.1 Battery Charging

Seecode Vision 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 Vision.
- 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 Vision from the power outlet.

You can also use the USB cable to charge Seecode Vision 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 6 hours, standby time up to 550 hours without connection and 280 hours with connection established.

When the battery is low, Seecode Vision 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 Vision

Seecode Vision can be easily mounted inside the car by using the accessories delivered with Seecode Vision. You can fix Seecode Vision on the windshield, the vent in front of the driver's seat, or any flat places in the car. With great portability and flexibility, Seecode Vision can also be used outside of such car environment such as in office or at home.

Note that, the microphone of Seecode Vision must aim at the sound bearing.

Mounting Seecode Vision on the windshield

Put the plastic cupule on the windshield and press down the locker to fix the mounting bracket firmly on the windshield. Insert the other end of the bracket into the port on the back of Seecode Vision to connect Seecode Vision to the bracket. To remove the bracket from the windshield, press the unlocking button which is located between the cupule and the locker.

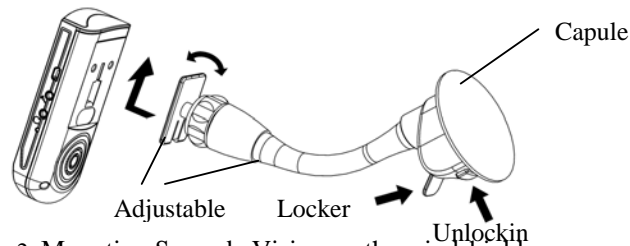


Figure 2: Mounting Seecode Vision on the windshield

Mounting Seecode Vision on the vent

As shown in Figure 3, insert the vent mounting clip into the port on the back of Seecode Vision. Install the vent mounting clip to the vent by vent clip. Adjust the fixing clip until the vent mounting clip is firmly fixed to the vent.

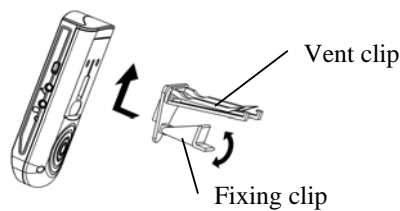


Figure 3: Mounting Seecode Vision on the vent

Attach Seecode Vision in the car

Remove the paper on the bottom of the double-sided adhesive base and attach the base to a proper place in the car. Insert the base into the port on the back of Seecode Vision.

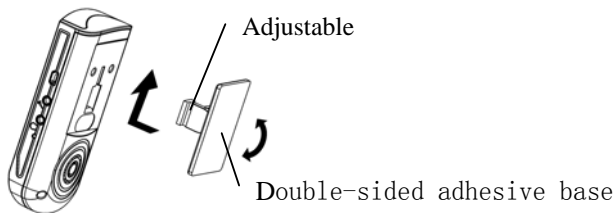




Figure 4: Attach Seecode Vision in the car

Both the goose-neck bracket and the double-sided adhesive base are adjustable. You can adjust them to proper positions before the mounting.

Note: For safety, please fix the accessories before installing Seecode Vision to the accessories, and uninstall Seecode Vision from the accessories before removing the accessories from the car.

2.3 Turn on/off Seecode Vision

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


Turn off Seecode Vision: Press and hold button  for at least 3 seconds until you hear the voice prompt “Vision power off” and the screen is off.




Reset: The reset key is located on the side of Seecode Vision. When Seecode Vision 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 Vision

Remarks: Download submenu is displayed on the screen only if the HF/HS connection between the handset and Seecode Vision 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 Vision
 - Outgoing:** Select to display the following two submenus
 - View:** Displaying outgoing call history records
 - Erase:** Delete all outgoing call history records stored in Seecode Vision
- : Hotkey operation menu
 - View:** Display the current hotkey setting
 - Erase:** Remove the current hotkey setting
- : System setting menu containing six 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 Vision 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 Vision.

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


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

- Enable
- Disable

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

- Enable
- Disable



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

- : Pairing operation menu containing two submenus:
 - **Activate:** Start pairing
 - **Erase:** Delete all pairing information

2.4.2 Enter Main Menu

When Seecode Vision 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  to scroll up or down items of main/sub menu. Execute Menu Item or Enter Submenu

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 the main menu, press button **M** to exit from the menu and return to standby mode. In either a menu or submenu, press button  to 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 Vision with your handset. Pairing sets up a unique relationship between the two and lets the handset memorize Seecode Vision'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 Vision close to your Bluetooth handset, and ensure both Seecode Vision 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 Vision from mobile phone and enter pin code 0000" and see  shown on the screen, it is an indication that Seecode Vision 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 **Vision** from the list and initiate pairing following handset's on-screen prompts. Enter passkey "0000" and confirm to pair Seecode Vision with your handset. Once the pairing procedure is completed, you will hear voice prompt "Pairing successful". It indicates that Seecode Vision and the handset are paired.



Note: Seecode Vision will remain in the pairing mode for about 2 minutes. If pairing cannot be finished within 2 minutes, Seecode Vision 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 Paired Records

Seecode Vision can be paired with up to 8 Bluetooth equipments. To delete all pairing records stored in Seecode Vision, perform as follows:

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






2.5.3 Quit Pairing with Bluetooth Equipment

When Seecode Vision 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 Vision with Bluetooth Handset

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


Connecting Seecode Vision with Bluetooth handset

If Seecode Vision has already been paired with the handset, you can press  for connection or initiate a connection after Seecode Vision 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 Vision and the handset. When the A2DP connection is established, icon indicator  will be displayed on the screen of Seecode Vision.




Note:

Some handsets can establish A2DP connection together with HF connection.

Disconnecting Seecode Vision with Bluetooth handset

When HF connection is already established between Seecode Vision and the handset, but no call is on, you can press  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 button  to drop the A2DP connection first, and then press button  to drop the HF connection. After the A2DP connection is removed, the icon indicator  disappears from the screen of Seecode Vision.

Note:

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

Reconnection

Seecode Vision provides the function of auto reconnection when accidental disconnection happens.

If **Enable** is selected in the menu of **Reconnection**, the reconnection is divided into three stages:


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

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


If **Disable** is selected in the menu of **Reconnection**, Seecode Vision will keep trying to reconnect within the 10 seconds after the disconnection happens. If no connection is established in 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 .

Reject a call: Press .




End a call: Press .

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


2.6.2 Adjust Volume

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


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 Vision beeps every 5 seconds.

2.6.4 Transfer Call between Seecode Vision and Handset

When a call is in progress on Seecode Vision, you can press and hold button  for 3 seconds to transfer the call from Seecode Vision 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 tag 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 Vision 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 button  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 hold and the active call.
If there is more than one held call, repeat this operation to switch activated/hold calls from one to another
 - 2) Press button  to end the active call and accept a held calls.
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 from 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 Vision to enjoy music on Seecode Vision 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 Vision, 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 .

Backward: Press button .

Forward: Press button .

Fast backward: Press and hold button  for at least 3 seconds.

Fast forward: Press and hold button  for at least 3 seconds.

In addition, you can press button  to increase sound volume and button  to decrease sound volume.

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 Vision 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 Vision. For the procedure of pairing, refer to section “2.5.1”.

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

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

Note: If the handset which you want to connect to Seecode Vision is not the last or second last handset connected with Seecode Vision, 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 Vision.

Any call operation initiated by Seecode Vision 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 Vision in the same way as the single-link.

2.8.2 Call Operation

When two handsets are connected with Seecode Vision simultaneously:

1. If only one handset receives a call, the call will be transferred to Seecode Vision 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 Vision can accept only the call which reaches it first. In this case, all the call operations on Seecode Vision will act on this call only, including call waiting and conference call. When the first call is ended, you must press **and hold** button  **at least 3 seconds** to transfer the other call from the other handset to Seecode Vision. 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 Vision can be paired with other Bluetooth devices to establish short-distance Bluetooth communication. For how to operate Seecode Vision 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 Vision 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 Vision, refer to section “2.5.2”.


After the pairing, wireless short-distance communication can be established between any of the Bluetooth devices and Seecode Vision. 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 Vision 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 Vision is found, right-click **Vision**, and then select **Pair Device**.
- 4) Enter passkey 0000
- 5) After the pairing succeeds, red √ will be displayed before the device name **Vision**. Right-click **Vision** and select **Connection>Bluetooth AV Service** to establish AV service connection between IVT and Seecode Vision.
- 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 Vision. 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 **Vision**, and select **Disconnect>Bluetooth AV Service**.
- 9) Right-click **Vision**, and 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 Vision.

Note:




1. *When Bluetooth AV Service connection is established, you can remotely control the music play by using Seecode Vision, such as play, pause, select music, and control Volume up and down. However, you cannot speak through the microphone of Seecode Vision.*
2. *When Bluetooth Headset Service connection is established, you can listen to the music and talk over the microphone. However, you can't use Seecode Vision 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 Vision with your USB dongle.

3. Phonebook Operations (Optional)

3.1 Download/Synchronize Phonebook

3.1.1 Initiate Phonebook Downloading on Seecode Vision


Connect Seecode Vision 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 Vision. When the downloading is completed, you will hear the voice prompt “Download completed” and the icon indicator  will disappear.

If Seecode Vision 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 Vision. Seecode Vision 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 Vision.

Note that, you can try to send phonebook records one by one to Seecode Vision from the handset if you fail to initiate phonebook downloading from Seecode Vision 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 Vision 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 Vision 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 Vision 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 is A-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 Vision 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 Vision. 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 Vision after the callers' names.

Note:


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

Call history records

When Seecode Vision is in standby or connected mode, press and hold button  for 3 seconds to display incoming call records/outgoing call records. You can also use the menu to display the 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 Vision 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  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 , 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 Vision is in connected mode, you can press button  to dial the saved number.


4.2 Query Hotkey Setting

When Seecode 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 Vision 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  or **M** to exit 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 to name/number”.








4.5 Dial Hotkey Number

When Seecode Vision 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 Vision 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.

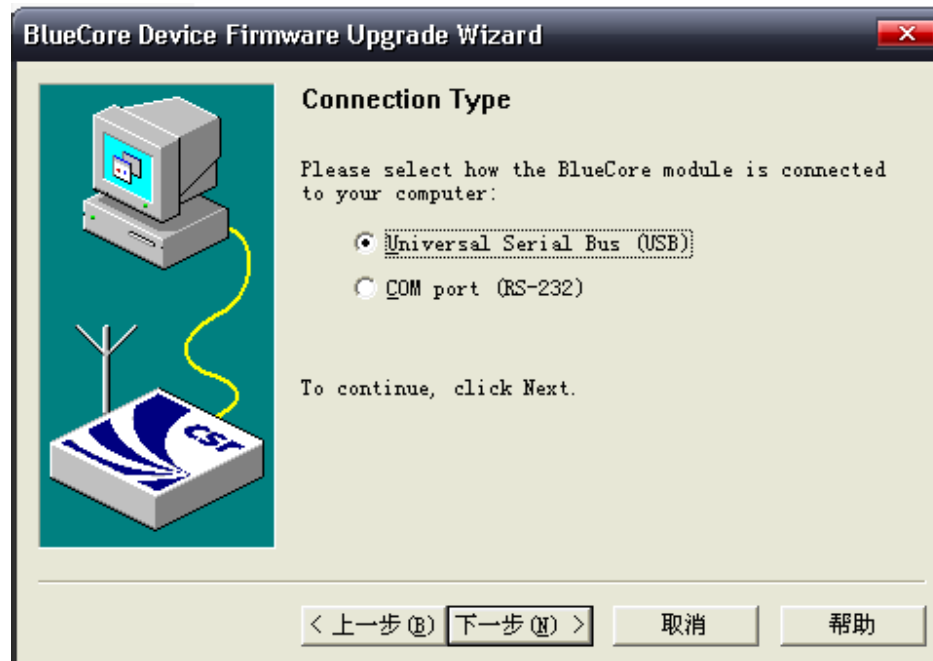
Detailed operation procedure is as follows:

- 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 Vision from the service website, for example, SeecodeVision-1205.dfu.
- 3) Connect Seecode Vision with the PC using the USB cable delivered with Seecode Vision.
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 Vision 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 Vision.
- 9) Run DFUWizard.exe.
The dialog box as shown below is displayed.



10) Click **Next**.

The dialog box as shown below is displayed.



11) Select **Universal Serial Bus (USB)**, and then click **Next**.

The dialog box as shown below is displayed.



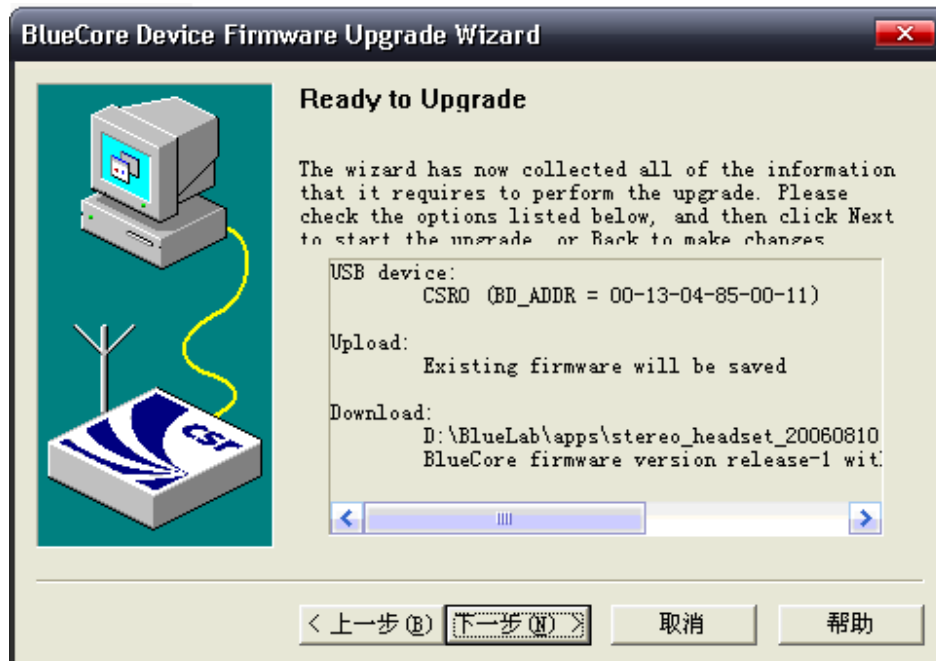
- 12) Select **Download a new version of the firmware, saving a copy of the current version first**, and then click **Next**.

The dialog box as shown below is displayed.

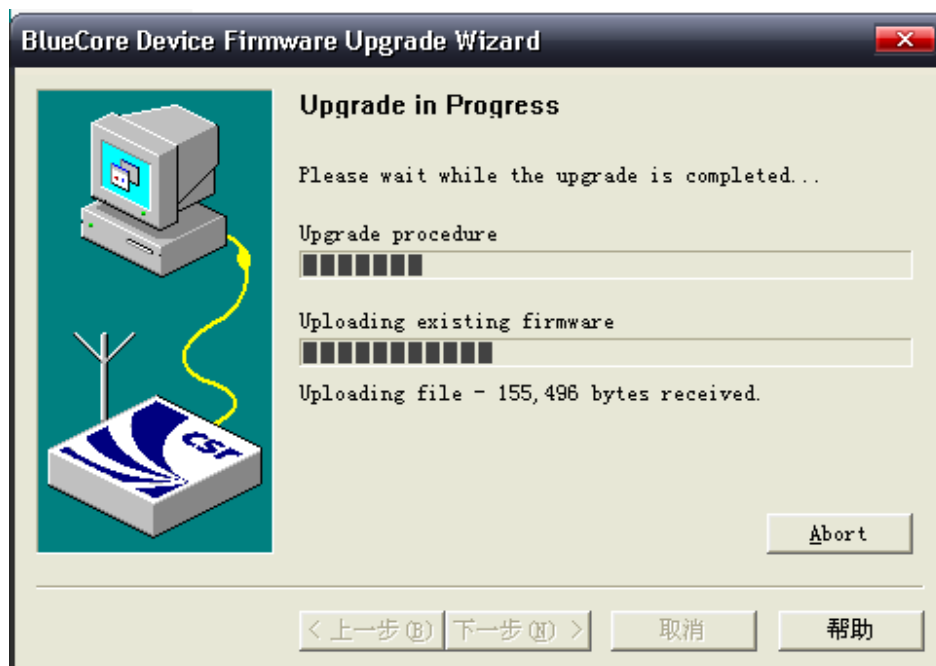


- 13) Click **Browse...** to select a file containing the version of the firmware, and then click **Next**.

The dialog box as shown below is displayed.



- 14) Confirm that the information is all correct and then click **Next**.
The dialog box as shown below is displayed.



Warning:

Interrupting the upgrade process, such as lost of power, and USB cable disconnection, may cause unrecoverable software errors in Seecode Vision. 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 Vision has enough battery power and the USB cable has been firmly connected to both your PC and your Seecode Vision before the upgrade.

6. Quick User Guide

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

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

Table 1: Power on/off


















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

Table 2: Pairing/Connections

FUNCTION	CURRENT STATUS		OPERATION	SEECODE VISION INDICATOR	
	HANDSET	HF		VOICE PROMPT	OLED DISPLAY
Enter pairing mode		Standby	1) Press button  to enter the main menu. 2) Select  . 3) Press button  . 4) Select Active . 5) Press button  .	Please select Vision 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 paired info		Standby	1) Press button  to enter the main menu. 2) Select  . 3) Press button  . 4) Select Erase . 5) Press button  .		
Pair Seecode Vision 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	Standby (Disconnect- 	Standby (Disconnect- 	Press button  or set up connection from the	✧ Connecting to phone	✧ During the connecting process, icon
















Vision with handset (Successfully)	ed)	ed)	handset following the handset's user guide	✧ Phone connected	indicator  is displayed on the screen. ✧ When the connection is established, icon indicator  is displayed on the screen.
Connect Seecode Vision with handset (Failed)	Standby (Disconnected)	Standby (Disconnected)	Press button  or set up connection from the handset following the handset's user guide	✧ Connecting to phone ✧ No phone detected	✧ During the connecting process, icon indicator  is displayed on the screen. ✧ When the connection failed, icon indicator  disappears.
Disconnect	Standby (Connected)	Standby (Connected)	Press button  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 VISION 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 button  .	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  .		Current volume will be displayed on the screen for 2 seconds.
Volume down	Talk	Talk	Press button  .		Current volume 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.

Table 4: Call Transfer Functions






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

Table 5: Low Power Indication

FUNCTION	CURRENT STATUS		OPERATION	SEECODE VISION 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 VISION 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 button  .	Key tone	
Reject New call	Talk	Call Waiting	Press button  .	Key tone	
Toggle Held Call and Active Call	Talk	Call On Hold	Press  .	Key tone	













End Active Call and Accept Held Call	Talk	Call On Hold	Press button  .	Key tone	
End the Held Call	Talk	Call On Hold	Press button  .	Key tone	
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 VISION 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 button  .		
Forward	IVT/Media player on		Press button  .		
Fast Backward	IVT/Media player on		Press and hold button  for 3 seconds.		
Fast 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 Vision after charging more than 20 minutes

For the first-time usage, Seecode Vision 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 Vision.

Q3: Cannot hear anything on Seecode Vision

You should check the followings:

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

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

Seecode Vision may not be in the pairing mode.

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

No. Please note that for the handset that supports handsfree profile, Seecode Vision 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 Vision to the latest software version?

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

If you cannot upgrade the software by yourself, you can send your Seecode Vision 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 Vision to your local service center for help.

8. Maintenance

Seecode Vision 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 Vision off and keep it in a safe place when it is not in use.
- Keep Seecode Vision dry, away from water, precipitation, humidity, moisture, and various liquids that may corrode electronic circuits. If Seecode Vision gets wet, turn it off immediately and wait until it gets dry completely before using it.
- Keep Seecode Vision away from dusty and dirty places. Otherwise, the mechanic and electronic parts could be damaged.
- Do not store Seecode Vision 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 Vision in too cold place. Moisture could form inside Seecode Vision when you take it to a warm place. This could damage the internal electronic circuits.
- Do not drop, knock, or shake Seecode Vision. 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 Vision. You may use a clean and slightly damp cloth to clean it.
- Always take Seecode Vision 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.