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## 1. The Device (BTS28V)

### 1.1 Features:

- Integrated Text-To-Speech system (TTS)
- Voice announcement during incoming call and operation
- Professional DSP for echo cancellation and noise reduction
- Microphone gain control
- Speed Dialing
- Digital Volume Control
- Last number redial
- Voice Dialing
- Software Upgradeable\*
- Built-in Battery

\*Please consult local retailer for detail

### 1.2 Accessories



Car Charger      Operation Manual      Universal Sun Visor Clip

### \*Notes:

Manufacturer of Car charger: DongGuan Channex Electronics Products Co., Ltd  
Model No: SAC-171-0500650-3  
Input voltage: 12V-24V DC  
Output No Load: 5.0V~5.5V DC  
Load: 4.7V~5.3V DC 650mA

Appropriate to use B. Voice ...



In office



In Car



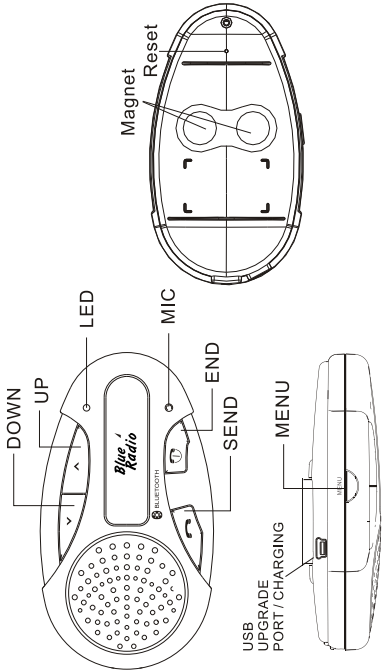
In a Kitchen

In a meeting



B. Voice is ultra lightweight and petite. You may use it wherever you desire. Best for *office, home, in car and outdoor*. With its strong magnets and a universal clip, it can stick, clip, and stand in any suitable place. It is flexible, reliable and stylish.

1. 3 Part Description



1. 4 Keys and Functions

|                                                                                     |                                                                                                                                                                          |                                                                                     |                                                                                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <ul style="list-style-type: none"><li>• Receive call</li><li>• Voice dialing</li><li>• Conversation transfer</li><li>• Yes</li><li>• Bluetooth link connection</li></ul> |    | <ul style="list-style-type: none"><li>• End call</li><li>• Reject call</li><li>• No</li><li>• Power on / off (press and hold for 2 seconds)</li></ul> |
|  | <ul style="list-style-type: none"><li>• Volume +</li><li>• Upward</li><li>• Leftward</li><li>• Microphone gain control +</li></ul>                                       |  | <ul style="list-style-type: none"><li>• Volume -</li><li>• Downward</li><li>• Rightward</li><li>• Microphone gain control -</li></ul>                 |

MENU

Language Setting:

• British English, American English, Deutsch, Espanol, Italiano, French

Pairing Mode

### Specification

| Function              | Description        |
|-----------------------|--------------------|
| Mic Sensitivity       | -60 +/- 2dB        |
| Speaker               | 8ohm / 1W          |
| Input Voltage         | 5.0V               |
| Battery               | Li-Ion 3.7V 700mAh |
| Frequency Range       | 2402MHz to 2480MHz |
| Working Current       | 100mA              |
| Standby Current       | 3.5mA              |
| Operating Temperature | -10 ~ 50 C°        |
| Storing Temperature   | -20 ~ 60 C°        |
| Talking Time          | 10 Hours Max       |
| Standby Time          | 200 Hours Max      |

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

### 1.5 Operation List

| Features                                                               | Operation                                                                                                                                                                                              |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power on                                                               | Press and hold                                                                                                        |
| Power off                                                              | Press and hold                                                                                                        |
| Language Select into                                                   | Press                                                                                                                 |
| Confirm language select                                                | Press                                                                                                                 |
| Cancel language select                                                 | Press                                                                                                                 |
| Pairing mode                                                           | Press and hold                                                                                                        |
| Request connect bluetooth                                              | Press and hold                                                                                                        |
| Disconnect bluetooth                                                   | Press and hold  +                    |
| Transfer PB by AT CMD ?                                                | Press and hold  +                    |
| Transfer PB by AT CMD Confirm                                          | Press                                                                                                                 |
| Transfer PB by AT CMD Cancel                                           | Press                                                                                                                 |
| Delete PhoneBook                                                       | Press and hold  +                    |
| Delete PhoneBook confirm                                               | Press                                                                                                                 |
| Delete PhoneBook cancel                                                | Press                                                                                                                 |
| OPP Received the speed phone number( B. Voice will auto disconnect BT) | Press and hold  +                    |
| Speed Dial number                                                      | Press and hold                                                                                                        |
|                                                                        | Press and hold                                                                                                        |
|                                                                        | Press and hold                                                                                                        |
| Call transter to Mobile                                                | Press and hold                                                                                                       |
| Call transter from Mobile to B. Voice                                  | Press and hold  or Single Press  |
| Call Waitting                                                          | Press                                                                                                               |
| Voice Dial                                                             | Press and hold                                                                                                      |
| Last number redial                                                     | Double click                                                                                                        |
| MIC GAIN HIGH OR LOW                                                   | Press and hold  or               |
| Volume increae                                                         | Press                                                                                                               |
| Volume decrease                                                        | Press                                                                                                               |
| Mute or Unmute                                                         | Press                                                                                                               |

## 2. Get Started

### 2.1 Charging:

Steps to Charge B. Voice:

CIGAR LIGHTER CHARGING → STEP1: Connect the car charger to a power outlet  
STEP2: Connect the DC power jack of the B. Voice

### 2.2 Power on:

1. To power on the unit, press and hold . **TTS: Power On**
2. B. Voice will then enter search mode.
3. If no device was found, it will switch to standby mode. To search again, press  once to activate search mode. **TTS: Searching For Device**  
If there is no connection for 5 minutes, B. Voice will automatically power off. **TTS: Power Off**

Before pairing, please make sure Bluetooth mode on your mobile phone is activated. For automatic pairing, you must successfully connect to B. Voice at least once in order for the feature to activate. Otherwise, for the first use, auto searching will not be activated automatically during start up.

### 2.3 Language Setting:

B. Voice offer multi languages interface, British English, American English, Deutsch, Espanol, Italiano, French.

To select language:

1. Press  once. **TTS: Press send button to select language**
2. Press  to confirm the language selected.
3. Press  to cancel **TTS: Cancel Language setting** or,
4. If no action was taken, it will repeat 2 times and then exit.

### 2.4 Pairing / Connecting the B. Voice:

#### 2.4.1 First time pairing

1. Make sure the unit is no longer in search mode or press  once. Press and hold  for 2 seconds. **TTS: Pairing Mode**
2. Use you mobile to search B. Voice.  
(Please refer to you mobile's operation manual for detail)
3. After B. Voice was successfully found by your mobile, it will display the register ID on your mobile. The ID of B. Voice is "BTS28V" and it will display on your mobile when linked.
4. Enter "1234" when a passcode is requested.
5. If it is successfully paired, **TTS: Pairing Successful**
6. If no response for 1 minute, it will auto exit. **TTS: Exit Pairing**

### 2.4.2 Connecting

After pairing, you can connect B. Voice via your mobile or by pressing the  button of B. Voice once. Make sure Bluetooth has been activated on the mobile phone before pressing the button.  
(Please refer to your mobile's operation manual about connecting Bluetooth device)  
Once it is connected, **TTS: Bluetooth Connected.**

### 2.5 Setting up the B. Voice

\*\*Some setup function only available when B. Voice is connected to a device.

#### 2.5.1 Phonebook Transfer for Caller ID Announcement

In order for the unit to speak out the caller's name during income call, user must transfer the phonebook contact to the unit.

##### AT COMMAND

1. Press and hold  + .
- TTS: Please press send button to load contact**
2. Press  to download or  to cancel  
**TTS: Transfer In Process Please Wait or Cancel Load Contact**
3. Blue LED will flash while transferring
4. When completed, **TTS: Download successful**

NOTE: NOT ALL MOBILES SUPPORT AT COMMAND. If fail to transfer, **TTS: No Response** then exit

##### OPP (Object Push Profile)

1. If it is currently connected, please disconnect Bluetooth Link by press and hold  + .
2. Do the proper setting on the mobile phone for copying and transferring the contacts from the mobile phone to B. Voice  
(Please refer to the mobile's operation manual for detail)

##### IMPORTANT NOTES:

B. Voice can store up to 500 phone numbers. If it exceed the maximum capacity, the unit will give a warning message. **TTS: Memory Full**  
Hence, if the user are trying to transfer 600 records to the unit, only 500 records will be successfully transferred.

#### 2.5.2 Deleting Phonebook

1. To delete phone book, press and hold  + .
- TTS: Press Send Button to Delete Contact**
2. Press  to confirm or  to cancel  
**TTS: All contact deleted or Cancel Delete Contact**

## 2.6 Volume & Ring Volume

User can adjust the volume by pressing the ▲ or ▼ during a call.  
User can adjust ring volume level by pressing the ▲ or ▼ in the root.

Note: When the volume reach the max or min,

**TTS: Maximum Volume** or **Minimum Volume**

## 2.7 Disconnect Bluetooth

To disconnect Bluetooth link, press and hold  +  for 2 seconds. **TTS: Phone Disconnected**

## 2.8 Power Off

To power off, press and hold  for 2 seconds

**TTS: Power Off**

## 3. Speed Dialing

B. Voice offer 3 slots of memory for Speed Dialing. To setup:

1. Press and hold  + either ▲, ▼ or  or  (Each slot are represented by ▲, ▼ or  or  )

**TTS: Ready for contact transfer**

2. Use your mobile to send a single contact to the unit through Bluetooth  
Please refer to your mobile operation's menu for detail.

3. When successful transferred, you will hear a tone from B. Voice.

5. If fail to transfer, the unit will exit Speed Dialing setup mode after 1 minute

- 4 Reconnect Bluetooth link by pressing  or through the mobile

### IMPORTANT NOTES:

Since some mobiles support multiple phone numbers under the same contact/name, B. Voice. is unable to recognize your preferred number from those contacts. To enable B. Voice to recognize the phone number, the contact/name should be organized in only one contact/name before transferring to B. Voice.

## 4. Making Call

User can make call either from mobile or B. Voice

### 4.1 Making Call from last dialed number

1. Press  twice and it will automatically redial the last dialed number.  
**TTS: Last Number redial**

### 4.2 Receiving Call

To receive Call, simply press .

### 4.3 Rejecting Call

To reject call, simply press  **TTS: Call Ended**

### 4.4 Caller ID Announcement

Caller ID is a network service, please consult your network provider for details.

The are 3 types of announcement:

1. With Name\* - **TTS: Call From "Caller's Name"**
2. With Number - **TTS: Call From "Phone Number"**
3. Withheld - **TTS: Incoming Call**

### 4.5 Voice Dialing

To Enter Voice dialing mode :

1. Hold  key for 2 seconds **TTS: Voice Dial**
2. Speak the name after the tone

\*Phonebook must be transferred to the unit in order to activate this function.

## 4.6 Options during a call

### 4.6.1 Call Waiting:

\*\*This is a network service , please consult your network provider for details

#### Accepting incoming call during a conversation

1. Press  and it will automatically switch to Line2
2. To switch between to Lines, press 

### 4.6.2 Transfer Call between mobile and B. Voice during conversation

Press and hold  for two seconds.

### 4.6.3 Mic Gain control and Mute

#### Mic Gain:

To increase Microphone Gain, press and hold  for 2 seconds.

TTS: *Microphone gain High*

To decrease Microphone Gain, hold  for 2 seconds

TTS: *Microphone gain Low*

#### Mute:

To mute , simply press  . TTS: *Mute*

To cancel, press  once again. TTS: *Unmute*

## 5. Trouble Shooting

### Phone status showing:

It is depending on the availability and provides by the connected mobile phone

### Mobile phone couldn't pair with B. Voice:

1. Please power off and on again B. Voice then repeat the pairing procedures again.
2. Set off all other Bluetooth devices before start pairing.
3. Either B. Voice and the mobile phone are able to be master or slave to pair with other Bluetooth device, however pairing will not work if those are being master or slave at the same time.

### Loudspeaker sound level too low:

Please increase the volume level to maximum on the mobile phone during conversation.

### Voice too low to be heard from the person who talking to B. Voice user:

Do the following steps while conversation in progress

1. Adjust the microphone gain to maximum on B. Voice, or
2. The person who is talking to B. Voice user adjust his/her mobile phone volume to maximum.

### Strong echo heard from the person who is talking to B. Voice user:

During Conversation , transfer the call to mobile and listen. If echo disappeared, please transfer the call again from mobile phone to B. Voice and lower the loud speaker until echo is eliminated. If the echo is still remains, that means the echo is generated by the network provider or mobile phone itself. B. Voice is unable to eliminate .

### Loudspeaker volume of B. Voice too low or high and impossible to adjust:

Please adjust the volume directly on the mobile phone as desired, then fine tune it by the volume control of B. Voice.

### The number dialed by mobile phone couldn't be found from B. Voice:

All number which are dialed directly from the mobile are unable to save in B. Voice, please check it on the mobile phone.

### All buttons disabled:

Reset B. Voice by press and hold the reset button for min. 2 seconds. It will restart again but all data will be lost.

### B. Voice not functioning after auto-reconnection

Please restart you mobile and connect again. If the problem is not solved , please restart B. Voice as well

### Some mobile phone models:

**Nokia 6103** - after a call has been held and one call closed the held call cannot be "un-held" from the kit. It has to be actioned on the phone.

### Most of Nokia phones call transfer function -

When the car kit transfer a call to mobile, then the mobile will disconnect Bluetooth. To reconnect, simply press SEND button, hold the SEND button only for call transfer.

**LG KG800** - when the mobile is connected to car kit, it only supports HSP profile, then some HFP functions are disabled (such as reject incoming call, DTMF, call transfer). If the car kit is connected to mobile then it can support HFP call functions, therefore, preferable to use car kit to connect to LG KG800 phone.

**Samsung E870, G600** - to transfer calls to/from phone needs confirmation on the phone

**Samsung G600** - this phone does not support call waiting /swapping

### How to get the audio back when it lost:

Turn the kit off and on again to get back the audio connection . If the unit is frozen, press reset switch.

### 6. Warning

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

**\*NOTE:**

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.