
USER'S MANUAL

STC-3205

**Warm note:**

To properly and safely use the product, please read through this instruction manual carefully before use, and keep it in a safe place for future reference. The functions described in this manual may differ from the actual functions, please take the actual functions as the standards.

AVS500BT

For Your Safety

1. You must connect wiring according to the installation instructions. Any error in wiring may result in the failure in or damage to the electric system for the vehicle.
2. The lead for the horn (-) must be connected to the terminal of the speaker (-). Never connect it to the car or to other speakers.
3. Switch on the unit after you make sure that all connection is correct.
4. While changing the burnt fuse, please change the fuse of the same specification.
5. Please block up the vent or the board for heat dissipation so as not to lead to a fire due to internal overheating of the unit.

About these Operation Instructions

This unit has a series of superior functions to ensure the efficient reception and operation. All these functions are designed for the simplification of operation. However, there are no instructions for most of the functions. These Operation Instructions will help you to understand the performance operations of this product.

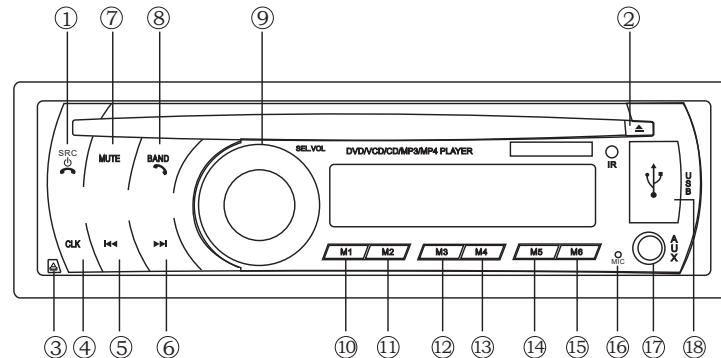
These Operation Instructions mainly introduce the operation of the remote control. Some functions relating to the operations of DVD/VCD/CD/MP3 can only be implemented by the remote control. But some functions can also be implemented by the host.

FEATURES

1. International advanced MPEG-4 DECODE TECHNOLOGY
2. COMPATIBLE WITH MP4 (AVI / DIVX / 5.X) ,DVD(DVD-R/DVD- RW),VCD, SVCD,CD-RW, WMA,MP3,JPG
3. 2 CHANNEL VIDEO OUT
4. PAUSE,PLAY, UP/DOWN,STOP,ZOOM,REPEAT,SCAN,RANDOM,PBC FUNCTION
5. FM/AM RADIO TUNER
30 RADIO STATION (18 FM, 12 AM)
MANUAL TUNING, AUTO TUNING,PRESET MEMORY STATION
6. USB and Memory Card slot.

AVS500BT

Please refer to the actual unit for standard



1. SRC (Power button / Audio mode switching/Hang up the phone button)
short press to turn on the unit, under the boot state, short press again to switch mode, RADIO/DISC/USB/SD/AUX IN/TV/ B/T long press for more than 3 seconds to turn off the unit.
In BT phone mode, short press to hang up the phone.

2. Disc eject button
Short press the disc key to withdraw disc from the cabin. If 10 seconds without withdrawing the disc, disc will go into the slot automatically.

3. Panel release button
Press this button to release the panel.

4. Clock button
Press this button to show the time. Press 3 seconds later and coordinate VOL to carry on time to establish.

5. SEEK - << (Select Radio channels & Music)
Radio: short press to upward scan station search and play, long press to step up the search function.
Playing DVD discs: short press to select a former song playing, long press to rewind function.
Playing BT music: short press to select a former song playing.

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6. SEEK + ► (Select Radio channels & Music)

Radio: short press to downward scan radio station and play, long press to downward step search function.

Playing DVD discs: short press to select the next song playing, long press to fast forward function.

Playing BT music: short press to select the next song playing.

7.MUTE

8. BAND/BND (Band selection/Answer the phone)

Under radio, short press for band switching, FM1/FM2/FM3/AM1/AM2 cycle. Long press for automatic scanning and storage station. Strong signals station will be stored from low to high on 1-6 digital keys, after storage will browse stations, every station for 5 seconds, then returns to the low-end station playing. In the BT phone call, screen will display the caller number. Short press to answer the phone. During a call, short press again to switch to phone conversation.

9. Volume adjusting, pattern translation

The left-right rotating VOL to adjust the volume.

Short press SEL: to choose BAS /TRE /BAL /FAD/LOUD /EQ /DX/STEREO /ARER USA (EUR) mode.

Note: after choosing a mode, math with the VOL regulator can change the current mode.

10. M1/INT(Number button M1/Scanning & Playing at disc playing state)

Under radio: short press to choose stored station playing, long press to store the current radio station frequency.

Under playing mode: short press to scan play function.

11. M2/RPT(Number button M2/Repeat playing button)

Under radio: short press to choose stored station playing, long press to store the current radio station frequency.

Under playing mode: short press to repeat playing function.

12.M3/RDM(Number button M3/Random playing button)

Under radio: short press to choose stored station playing, long press to store the current radio station frequency.

Under playing mode: short press to random play function.

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13. M4/L/R(Number button M4/channel play function)

Under radio: short press to choose stored station playing, long press to store the current radio station frequency.

Under playing mode: short press to channel play function.

14. M5/N/P(Number button M5/Video system switching)

Under radio: short press to choose stored station playing, long press to store the current radio station frequency.

Under playing DVD, short press to switch NTSC/PAL images.

15. M6/Play(Number button M6/Playing button)

Under radio: short press to choose stored station playing, long press to store the current radio station frequency.

Under playing mode: short press to pay/pause.

Under BT music, short press to play/pause.

16.MIC

BT MIC

17. AUX-IN (AUX Input)

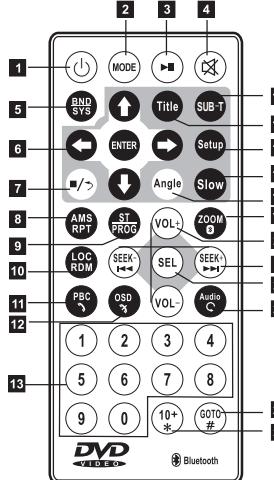
AUX Input jack.

18. USB(MP3/USB SLOT)

Use the high speed degree delivers to connect eloquent, can read big capacity MP3/MP4 formats.

AVS500BT

REMOTE CONTROL FUNCTION



1 POWER ON/OFF	13 0-9
2 MODE	14 SUB-T
3 PLAY/PAUSE	15 TITLE
4 MUTE	16 SET UP
5 BAND/ P/N	17 SLOW
6 UP/DOWN/L/R ENTER	18 ANGLE
7 STOP	19 ZOOM
8 AMS/RPT	20 VOL+/VOL-
9 ST/PROG	21 SEEK+/SEEK-
10 LOC/RAM	22 SEL
11 PBC	23 AUDIO
12 OSD	24 GOTO
	25 10+*

1.POWER

Press once to switch on, press again to switch off.

2.Mode button

RADIO/DISC/USB/SD/AUX IN/TV/
B/T mode switch

3.PLAY/PAUSE button

Press this button to switch between play and pause. In stop mode, press this button to play.

4.MUTE button

Press once to turn off audio output, press again to resume volume level.

5.BAND/P/N button

In radio mode, press this button to choose band. At disc playing state, press this button to choose PAL, AUTO or NTSC system.

6.UP,DOWN,LEFT,RIGHT,ENTER button

In DVD mode, press this button to move cursor up, down, left, right to choose item in menu. Press enter button to confirm choice.

7STOP button

Press this button to stop playing.

8.AMS/RPT button

In radio mode, press this button to browse stored stations. In audio mode, press this button to play repeatedly.

9.ST/PROG button

In radio mode, press this button to choose stereo or mono station. In audio Mode, it can help STOP button to programmed play.

10.LOC/RDM button

In radio mode, press this button to choose LOCAL or DX. At disc playing state, press this key to randomly play.

11.PBC button

In VCD mode, press this button to display all song menu, work with number button to choose songs. The DVD small dish may return to the menu function.

In the BT phone call, short press the key to answer the phone, short press again during the call to phone talk.

12.OSD button

Press this button to display the title chapter and the left time.

In the BT phone call, short press the button to hang up the phone.

13.0-9 button

Press this button to choose desired song, section, preset stations.

14.SUB-T button

In DVD mode, press this button to switch language of subtitle.

15.TITLE button

In DVD mode, press this button to play back to the top menu of disk.

16.SETUP button

In audio mode, press this button to choose different set items.

17.SLOW button

In audio mode, press this button to slow backward and slow forward.

18.ANGLE button

In DVD mode, press this button to change play angle.

19.ZOOM button

In DVD/VCD mode, press this button to ZOOM in.

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20.VOL+/VOL-

Press this button to increase or decrease volume level.

21.SEEK+(➡)/SEEK-(⬅) button

Press this button to manual tuning, speed or quick back, previous song and next song.

22.SEL button

Press this button to choose sound feature.

23.AUDIO button

In DVD mode, press this button to switch language of dialogue. In VCD mode, press this button to choose left track, right track, and stereo.

24.GOTO(broadcast time setting)

Under the playback condition, coordinates the unmeric keyboard according to this bottom Houke and left and right, the ENTER button carries on selects a song or elects time broadcasts.

25.+10 songs

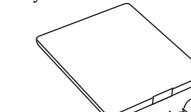
BATTERY CHANGE

When control distance of remote control become shorter or no function, please change battery. Please confirm polarity before change.

One hand press stopper, then pull out battery.



Put battery into controller.



Insert battery holder into controller.

DVD BASIC OPERATION

Slot in DVD disk, unit will play it automatically. If disk is in slot, press **▶▶** button to play.

SPEED FORWARD/BACKWARD

While playing, long press SEEK+ or SEEK- button to activate the fast forward or fast rewind function. When the mode is activated, make selection in the following levels and orders:



NOTE: Long press SEEK + **▶▶** / SEEK - **◀◀** button on the host to execute the same function.

PREVIOUS SONG/NEXT SONG

In DVD mode, press the SEEK+ **▶▶**, SEEK- **◀◀** to play previous song or next song.
NOTE: SEEK+ **▶▶** / SEEK - **◀◀** button on the host to execute the same function.

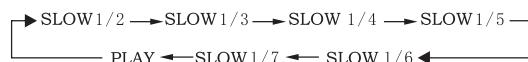
SYSTEM SWITCH

In DVD mode, press BND button on the remote control to select the preset PAL, AUTO, NTSC TV system.

Note: Press M5 (N/P) button on the host to execute the same function.

SLOW PLAY

Press SLOW button on remote control to play slowly. The level of slow playing is as follows. Sequence is :



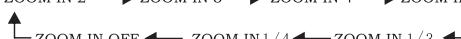
Note: It just can be worked by the remote control.

STOP PLAY

In VCD mode, press **■/●** button on remote control once to enter pause mode. Press **▶▶** again to back to normal play. Press **■/●** button twice to stop playing. Here, press **▶▶** button, unit will play from the first song.

ZOOM IN/ZOOM OUT

Press ZOOM button on remote control to zoom in /zoom out the picture. The levels are as follows: ZOOM IN 2 → ZOOM IN 3 → ZOOM IN 4 → ZOOM IN 1/2



Note:

1. This function can only be worked by the remote control.
2. Image which is zoomed in can be moved by up/down/left/right cursor to move.
3. Image which is zoomed out cannot be moved.

REPEATEDLY PLAY

Press the RPT button on the remote control to startup the follow repeat functions.

REPEAT(CHAPTER) → REPEAT(TITLE) → REPEAT(OFF)

Note: Press number 2 button on the unit is the same.

ANGLE SWITCH

If the DVD disc is recorded with multi- angles, you can press the ANGLE button to switch the angle during playing. The sequence is as follow:

ANGLE 1 → ANGLE 2 → ANGLE 3

- Note:**
1. It just can be worked by the remote control.
 2. It is only for the DVD disc which has multi-angle.
 3. If there is a sign on the cover of the DVD disc, means how many angles the disc has.
 4. You can not switch the angle when slow playing.

MULTI-AUDIO

There are different languages of dialogue and audio systems in DVD disc. If the DVD disc is recorded with multi-audio, you can switch the language of dialogue and the audio systems when playing.

Press the AUDIO button repeatedly to change the language of dialogue.

Note:

1. Press "M4" number button (L/R) on the host to execute the same function.
2. It is only for the DVD disc which is recorded with multi-language.
3. If there is a sign on the cover of the DVD disc, means that it was recorded by multi-language/audio system.
4. In VCD mode, press the AUDIO button to select the L/R or STEREO track.

MULTI- SUBTITLE

If the DVD disc is recorded with multi-subtitle, you can switch the languages of subtitle.

Press the sub-t button repeatedly to change the language.

Note:

1. It just can be worked by the remote control.
2. It only for the DVD disc which is recorded with multi-subtitle.
3. If there is a sign on the cover of the DVD disc, means that it has several subtitle.

TITLE SELECT

In DVD mode, press TITLE button to back to the title menu. Display shows all the titles of the disc. You can select the chapter you want by the cursor, press play button to play the chapter.

Note: It just can be worked by the remote control.

MENU SELECT

In the DVD state, press PBC button to return to the disc music menu, and then you can select music by using the cursor button. If you want to stop playing PBC, you can press PBC button to cancel PBC playing and start playing from the very beginning. After you select the favorite music and then press PLAY button/OK key for playing.

PROGRAM PLAY

In DVD mode, you can set the sequence of playing by the program function, the operation is as follow:

PROGRAM			
1 [0 1]:[0 3]	5 ____:____	9 ____:____	13 ____:____
2 [0 1]:[0 6]	6 ____:____	10 ____:____	14 ____:____
3 ____:____	7 ____:____	11 ____:____	15 ____:____
4 ____:____	8 ____:____	12 ____:____	16 ____:____
	PLAY		CLEAR

When DVD is playing, press ST/PROG button, then the display shows:
For example, program the first song, input 01, press ▶ button move the cursor to the second lattice, input desired song, for example, the third song. Program the second song, press ▼ button, move the cursor to 2 []_. input 01, press ▶ button move the cursor to the second lattice, input desired song, for example, the 6th song(press 6). Press ▶ button to program play.

Back to the normal mode, press the ST/PROG button, then press ▶ button.

Note: this function can only be worked by the remote control.

MEMORY CARD OPERATION

In radio or audio mode, insert Memory Card, unit will read Memory Card and play automatically. If there is a card in the slot, please press SOURCE button to play.(Note: In power off mode, insert Memory Card, power will be turned on and read the card.)

REPEATEDLY PLAY

When playing Memory Card, press AMS/RPT button on remote control, unit will play repeatedly the current song, press it again to cancel the repeated play function.

Note: press 2(RPT) button on the unit is the same.

SPEED FORWARD/BACKWARD

Press longer the SEEK+/SEEK- button on remote control to speed forward or backward play.

Note: press longer the SEEK+/SEEK- button on the unit is the same.

SELECT SONG TO PLAY DIRECTLY

Press the number button on remote control to select the song to play directly.

PREVIOUS SONG/NEXT SONG

When playing Memory Card, press SEEK+、SEEK- button on remote control to play Previous song or next song.

Note: press button on unit is the same.

RANDOMLY PLAY

When playing the Memory Card, press LOC/RDM button on remote control, unit will play the current song randomly, press LOC/RDM button again to stop the function.

Note: Press 4(RDM) button on the unit is the same.

STOP PLAY

When playing Memory Card, press ■/□ button on the remote control once to enter pause mode. Press ■ again to back to normal play. Press ■/□ button twice to stop playing. Here, press ■ button, unit will play from the first song.

Note: Press 6 number button (PLAY) on the unit is the same.

PAUSE PLAY

When playing Memory Card, press the ■ button on remote control, PAUSE will appear on LCD. Press ■ again to back to normal play.

Note: Press 6 number button (PLAY) on the unit is the same.

USB PLAY OPERATION

In radio or audio mode, insert Memory Card or USB, the unit will read USB and play automatically.

Note:

1) In any mode, insert USB, unit will play USB preferentially.

2) In power off mode, insert the USB, unit will be turned on and read USB.

*Memory Card is the same as above.

CD/MP3 BASIC OPERATION

Slot in CD/MP3 disk, unit will play it automatically. If disk is in slot, press **▶■** button to play.

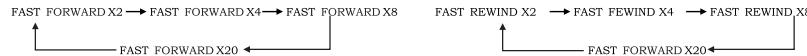
REPEAT PLAY

Press the AMS/RPT button on remote control to startup the single song repeat function, press again to cancel that function.

Note: Press 2 number button (RPT) on unit is the same . Default is disk repeat.

SPEED FORWARD/BACKWARD

While playing, long press SEEK+ or SEEK- button to activate the fast forward or fast rewind function. When the mode is activated, make selection in the following levels and orders:



NOTE:Long press SEEK + ▶■/SEEK -◀ button on the host to execute the same function.

PREVIOUS/NEXT SONG

In CD/MP3 mode, press SEEK+、SEEK- button on remote control to play the previous or next song.

Note:press SEEK+▶■/SEEK-◀ button on the unit is the same.

RANDOMLY PLAY

In CD/MP3 mode,press LOC/RDM button on remote control,RDM will appear on LCD, unit will randomly play any song in disk. Press again to back to normal play.

Note: Press 3 number button (RDM) on the unit is the same.

STOP PLAY

In CD/MP3 mode,press **■/▶** button on remote control to enter the pause mode, at that time press **▶■** button to play. Press **■/▶** button twice to enter the stop mode, here, press **■** button ,unit will play from the first song.

PAUSE PLAY

In CD/MP3 mode, press the **▶■** button on remote control, PAUSE will appear on LCD. Press again to back to normal play.

Note: Press "6 " number button (PLAY) on the unit is the same.

INSTANTLY PLAY

In CD mode,press the “1” (INT) button to instantly play each song for 10 seconds.The number of the song will be twinkled,press the “1” (INT) button again to back to the normal playing.

CD PROGRAM PLAY

In CD mode, you can set the sequence of playing by the program function, the operation is as follow:

When CD is playing,press st/prog button,then the display shows:

PROGRAM			
1 -----	5 -----	9 -----	13 -----
2 -----	6 -----	10 -----	14 -----
3 -----	7 -----	11 -----	15 -----
4 -----	8 -----	12 -----	16 -----
		PLAY	CLEAR

Input the No. of the song you want to program by the remote control.

program the first song, input your desired song, for example, the sixth song, and press number button 6 on the remote control. Program the second song, press **▼** button move the cursor to 2_—. input your desired song, for example, the ninth song, press number button 9 on the remote control. Press **▶■** button to program play.

Back to the normal mode, press the ST/PROG button, then press **▶■** button.

Note:this function can only be worked by the remote control.

MP3 PROGRAM PLAY

In MP3 mode, you can set the sequence of playing by the program function, the operation is as follow:

When MP3 playing, press ST/PROG button, then the display shows:

PROGRAM			
1 -----	5 -----	9 -----	13 -----
2 -----	6 -----	10 -----	14 -----
3 -----	7 -----	11 -----	15 -----
4 -----	8 -----	12 -----	16 -----
		PLAY	CLEAR

Then, input desired song by remote control.

For example:

program the first song, input 01, press **▲** button move the cursor to the second lattice,input desired song, for example, the third song. Program the second song, press **▼** button ,work with **◀/▶** button, move the cursor to 2_—:_— input 01, press **▶** button move the cursor to the second lattice, input desired song, for example, the third song(press 6). Press **▶■** button to program play.

Back to the normal mode, press the ST/PROG button, then press **▶■** button.

Note:this function can only be worked by the remote control.

VCD BASIC OPERATION

Slot in VCD disk, unit will play it automatically. If disk is in slot, press **■■** button to play.

SWITCH SYSTEM

In the VCD mode, press the BND/SYS button on the remote control to select the preset PAL, AUTO, NTSC TV systems.

Note: Press M5 (N/P) button on the host to execute the same function.

PREVIOUS/NEXT SONG

In VCD mode, press SEEK+/SEEK- to choose previous/next song.

Note: Press SEEK+ ■■/SEEK- ■■ button on the unit is the same.

SPEED FORWARD/BACKWARD

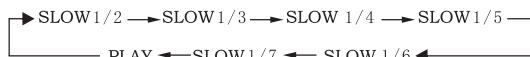
While playing, long press SEEK+ or SEEK- button to activate the fast forward or fast rewind function. When the mode is activated, make selection in the following levels and orders:



NOTE: Long press SEEK + ■■/SEEK - ■■ button on the host to execute the same function.

SLOW PLAY

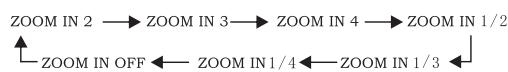
In VCD mode, press SLOW button to slow play. The level of slow playing is as follows. Sequence is :



Note: this function can only be worked by the remote control.

ZOOM IN/ZOOM OUT

Press ZOOM button on remote control to zoom in /zoom out the picture. The levels are as follows:



Note:

1. This function can only be worked by the remote control.
2. Image which is zoomed in can be moved by up/down/left/right cursor to move.
3. Image which is zoomed out cannot be moved.

NUMBER BUTTON

In VCD mode, press any number button to input song. For example, you want to choose 16th song , press 1 button ,and then press 6 button once to play 16th song.

Note: this function can only be worked by the remote control.

REPEATEDLY PLAY

Press the AMS/RPT button on remote control to startup the single song repeat function, press again to cancel that function.

Note: Press "2" number button (RPT) on unit is the same . Default is disk repeat.

INSTANTLY PLAY

In VCD mode, press "1" number button(INT) on the unit to instantly play each song for 10 seconds. The song will twinkling on the display. Press again to back to the normal play.

RANDOMLY PLAY

In VCD mode, press LOC/RDM button on remote control, RDM will appear on display. Unit will randomly play any song in disk. Press again to back to normal play.

Note: Press "3" number button (RDM) on the unit is the same.

PAUSE PLAY

In VCD mode, press the **■■** button on the remote control, PAUSE will appear on LCD. Press **■■** again to back to normal play.

Note: Press "6" number button (PLAY) on the unit is the same.

STOP PLAY

In VCD mode, press **■■** button on remote control once to enter pause mode.Press **■■** again to back to normal play. Press **■■** button twice to stop playing. Here, press **■■** button ,unit will play from the first song.

SWITCH TRACK

In VCD mode, press AUDIO button repeatedly to switch track as following sequence:

Left → stereo → right

Note: Press "4" number button (L/R) on the host to execute the same function.

PBC(MENU) play

In VCD mode, press this button then play the PBC and display will show whole menu in disk, work with number button to choose song..when you are playing either song of the PBC, and you want to stop to select another song, press the button to turn off.

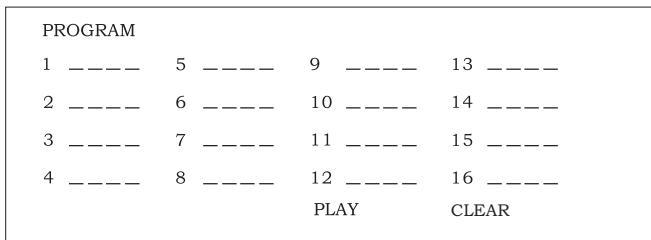
Note:

- 1.this function can be worked by the remote control.
- 2.PBC is suitable for the SVCD and VCD2.0 disc.
- 3.In PBC mode,you can not press number button only to choose song.

VCD program playing

In VCD mode, you can set playing sequence of songs by program play function. The program playing operation steps are as follows:

In VCD mode, press ST/PROG button, display will show:



Input the songs which you want to programmed by the number buttons on remote control.

For example: program the first song, input your desired song, for example, the fourth song, and press number button 4 on the remote control. Program the second song, press ▼ button move the cursor to 2_ __. input your desired song. For example, the eighth song, press number button 8 on the remote control. Press ▶▶ button to program play.

Back to the normal mode, press the ST/PROG button, then press ▶▶ button.

Note:this function can only be worked by the remote control.

BT Function Operation

pair the phone with car unit.

- 1、Open the phone's BT, searching device, the BT equipment name is AVS500BT.
- 2、Click the name, choose to connect.
- 3、After pair successfully, the screen will show and light " " icon, when not paired, will show " " but not lighted.
- 4、When not connected, need to cancel device name in the mobile phone, search again equipment, find the "AVS500BT" name, click it to connect automatically, light up the icon means pairing is successful.

BT phone call hang up/off

- 1、When there is a call in, car unit in any mode can be switched to the BT phone talk mode, screen will show the incoming call number. Press the " " key or answer key in the phone to answer the call; press the " " key or hang off button in the phone to cancel the call.
- 2、When using the phone to call, car unit in any mode will be switched to a BT phone call mode, screen will show CALLING information.
- 3、Under BT model, after making a call, double press " " key can re-dial the last call.

BT music

- 1、Press Mode key to switch to BT mode (screen will show "B/T"), press " " to go into BT music playing.
- 2、Press key can play the former/next song.
- 3、Press " " can switch pause/play.
- 4、BT music playing control button and mobile phone control key have two-way mutual control.

AVS500BT

TROUBLE SHOOTING

The following table is helpful in solving the problems which possibly meet when using the unit. If problem cannot be solved, pls contact professional installer or dealer. Do not repair the unit by yourself. That is danger.

PROBLEM	CAUSE	CORRECT ACTION
NO POWER	Fuse burn out	Change specified fuse
Poor performance of radio station	Car auto-antenna do not pull out	Check radio auto-antenna connection
	Poor connection of radio antenna	Properly connect antenna
Cannot load disk	There is a disk inside	Eject disk ,then, slot in new disk.
No image	Poor connection of video line	Properly connect video line.
Sound jumping	Disk is dirty	Clean disk.
	Disk is destroyed	Pls change a new disk.

FCC Warning

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.

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

AVS500BT

SPECIFICATIONS:

UNIT

Operating Power..... DC 12V
Operating Power range..... 10.8-16V DC
Maximum operating current 15A
Ground System..... Car power cathode
Operating temperature range -20 °C~ +60 °C
Storage temperature range -30 °C~ +70 °C

AM TUNER

Frequency range 530-1710 KHz
Noise limit sensitivity.....(S/N—20dB) 32dB
Middle frequency 450KHz

FM TUNER

Frequency range 87.5-107.9 MHz
Signal/Noise Ratio.....50dB
Stereo separation..... (1KHz)30dB
Antenna Impedance 75 Ω

DVD PLAYER

Track 2
Signal/Noise Ratio 55dB
Separation..... 50DB
Frequency Response 20HZ-20KHZ