

User manual

Thank you for using our products, you can get the operation method more clearly by this instruction.

Important statements:

1. The object appearance may be different from what the manual shows, so please subject to our available products.
2. This manual is the detailed description of our products. The products improve matters would not be for further notice, we keep the right of final interpretation.

Functions :

- Navigation multimedia entertainment system, standard installation size.
- HD screen.
- Fashion and brief interface ,easy for operation.
- Built-in DVD player, auto private loader.
- Built-in smart GPS navigation system.(optional)
- Built-in BT function, support hand free bluetooth.
- Automatic screen and slip mechanism, a variety of models for choose.
- IPOD,SD,USB port, AUX IN is available.
- Built-in FM/AM radio tuner, RDS function is optional.
- Built-in 4*45w amplifier output,4.1 track circuit output.
- For touch control.
- Built-in digital TV.(optional)
- Reversing visual function, help to monitor the backing up on video(camera need to be mixed separately)
- Convenient and practical: smart power saving,extend the battery playing time,avoid to affect driving at night.



Attention: please read the instructions carefully before installation, and we recommend the car audio distribution to install the machine.



This unit apply to vehicle-mounted 12V power supply system(need connect ground wire), please not use in 24V bus and lorry, it may breakdown the machine



Please use original discs, the **pirate** disc may **affect** the lifetime of the machine.



Please **do** not change the power fuses without professional. It is very dangerous to use the not suitable fuses.



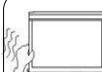
Please **do** not operate the machine in driving. The driver should not watch programs and play the machine in driving. It is very dangerous!



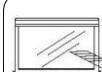
Please ask the professional to install the machine. Disassembly the machine **unilaterally** would damage the machine or cause accident.



Do not let the machine in humid environment and water to avoid accident or damage by short circuiting.



The products use automatic precision transmission components, please not push hard the machine or knock the TFT display screens.



Please **do** not use hard thing on the screen to **avoid damaging** the screen.



Attention :Please flameout the automobile and cut down the connection between ACC and B+ to avoid short circuit.

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Basic operation

Basic operation

◆ Power ON

Turn on ACC, enter last system automatically .

System off state, press **◊/MUTE** or other icons to power on the unit .

◆ Power OFF

System automatically turn off , the slip mechanism will back automatically.

Hold **◊/MUTE** for over 2 seconds , the system turn off .

◆ Enter main menu

Turn on the device, lightly touch upper left corner to enter system source menu.



Pic(1)

REF#	Signal	Function
1		Return to Main Menu
2		Radio Mode
3		DVD Playback
4		NAVI Mode

5		Shutdown screen display
6		USB Mode
7		Setup Mode
8		AUX IN Mode
9		Bluetooth Mode
10		iPod Mode

! **NOTE:** Some of the features of above in our company products can be optional ,the icon text is gray if there is no input source or do not have this feature ,and lightly touching the icon is invalid .

◆Function mode selection

Enter main menu , lightly touch the icon on the screen to select the feature.

◆Volume adjustment

Press VOL-/VOL+ or volume knob to adjust volume, the volume ranges from 0-40 .The initial factory setting is 20. Press EQ icon to select an Audio feature to be adjusted .Adjustable Range: Rock, Flat, Jazz, POP, Classical, adjust the selected feature on "User" mode.

◆The definition of touch screen area operation

Under DVD playback mode, The touch area of the system functions are distributed as follows:

A area: Touch to enter system main menu .

B area: Touch to view Playback information .

C area: Touch to previous chapter .

D area: Touch to access Function Bar .

E area: Touch to next chapter .

F area: Touch to shutdown the display.

Pic (2)

Lightly touch anywhere on the screen to turn on the display .

A	B	F
C	D	E

◆System setup

Touch Setup icon on the main menu or touch SETUP icon to enter system setup interface .

◆System reset

To correct a system halt or other unusual operation , use the tip of a pen to press the RES icon ,the unit restores the setting before last power off .

Panel key operation instructions



Pic (3)

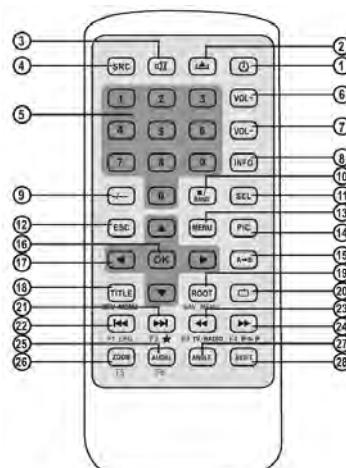
Ref #	Signal	Function
1		In the state of open,press CLOSE to close the display;then press OPEN to open the display.
2		Press for radio
3		AUX IN and USB port
4		Eject disc
5		Press to flip down the display . Hold to flip down the display totally to the bottom .
6		Press to flip up the display . Hold to flip up the display totally to the top .
7		Press to switch between Navigation and playback page. Hold to turn ON/OFF audio output .
8		Choose the next track/narrow
9		Press and hold to switch device ON/OFF Boot state press to turn ON/OFF volume . Rotate to increase/decrease volume.
10		Choose the previous track/magnify
11		Change mode
12		Return to main menu
13		RES Press to initiate a hardware reset SD Card Slot
14		MIC

The remote control operation instructions



NOTE :

1. Battery's working life is around 6 months under normal condition, please replace the battery when it's depleted. Remove and dispose of the old battery immediately. Do not store the battery with metallic materials.
2. Avoid dropping the remote control to prevent damaging it.
3. Do not recharge, disassemble, heat or dispose of the battery in fire. Keep batteries away from children to avoid the risk of accident.



Pic(4)

Front Zone Remote Functions:

Name	Ref #	Signal	Function
Power	1	⊕	Turn the power on/off
Open	2	▲	Open/close the TFT monitor
Mute	3	🔇	Toggle on/off audio output
SRC	4	SRC	Select playing mode
Numeric button	5	1.2.3.4.5. 6.7.8.9.0	Directly access certain chapter / track / preset station in current band
VOL up	6	VOL+	Increase the volume
VOL down	7	VOL-	Decrease the volume
Information	8	INFO	Display playing information
GOTO search	9	---	Position search function on VCD/DVD mode

Name	Ref #	Signal	Function
Stop/Band	10	 / BAND	Select FM/AM band on Tuner mode Stop playback on others mode
Select	11	SEL	Enter the audio settings
ESC	12	ESC	Exit the current menu
Menu	13	MENU	Enter the main menu of system
Picture	14	PIC	Adjust the parameter of TFT settings
Repeat A→B	15	A→B	Set start point A and end point B to repeat continually
OK	16	OK	Start or pause playback confirm settings
Direction buttons	17		Up/down/left/right to select items for setting
Title	18	TITLE	Enter the title menu of current source
Root	19	ROOT	Enter the main menu of the disc Turn on PBC while playing VCD
Repeat	20		Repeat playback for current chapter
Next	21		Select the next chapter/track for playback
Previous	22		Select the previous chapter/track for playback
Fast Reverse	23		Fast reverse the disc content
Fast Forward	24		Fast forward the disc content
Audio	25	AUDIO	Change the audio language for disc playback
Zoom	26	ZOOM	Zooming in/out on an image
Angle	27	ANGLE	Playback in different angle for a scene(if it is applicable)
SUB Title	28	SUB-T	Language selection for subtitle

Function operation

1、Disc playing function operation

◆Enter

Feed a disc and touch upper left corner of TFT monitor , or touch DISC icon on the main menu .

Feed a disc during other playback source except backing up the car .

Feed a disc and press MODE icon with remote control .

◆Quit

Select other mode or eject the disc .

◆Slot disc

The disc will be automatically fed when put it into the slot .

◆Slot-out disc

Press the ▲ icon on front panel or eject icon with Remote control .

◆Restart disc loading

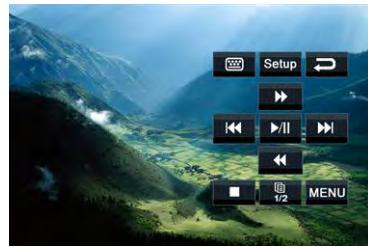
If the disc does not load or does not play properly, press ▲ and hold for 3 seconds. The disc will be ejected and normal operation will resume .

NOTE:

1. Please use standard legal disc and keep cleaning, develop a good habits to assure the unit working life .
2. If Parental Lock is activated ,the code must be entered .
3. You can not insert a disc if there is already a disc in the unit or if the power is OFF .

◆DVD playing touch control

Touch D zone on the screen during DVD video playback ,the touch-screen controls automatically display on the screen .



Pic(5)



Pic(6)

Touch-screen controls functions:

Ref #	Signal	Function
1		Chapter select
2		Exit interface icon
3		Fast forward icon; Press to forward play at 2/4/8/20 times the speed.
4		Fast backward icon; Press to backward play at 2/4/8/20 times the speed.
5		play/pause
6		The previous chapter
7		The next chapter
8		Stop; light touch once is a break-point memory stop; light touch will resume.
9		Flip over
10		Return disc boot menu
11		Go in sound Settings
12		Go in System settings
13		language choice
14		Repeat; Repeat playing between point A and point B

Ref #	Signal	Function
15	SUB	Subtitle choice
16	TITLE	Return disk title menu
17	1/2	Flip over
18	INFO	Display the current information broadcast

◆DVD playing information



Pic(7)



Pic(8)

Touch OSD icon, then the top screen display DVD playing information

【DVD Video】 Showed the current play source.

【Time】 Display the elapsed time and the remainder time of a movie

【Title】Display titles; 3/5 indicates that the disk has 5 title in the program, and it is playing the third one at this time.

【Chapter】 Display chapter, 1/8 indicates that the current title has 8 chapters, and it is playing the first one at this time.

【Audio】 Display the sound channel setting

【Subtitle】 No/Off subtitle

【Angle】 Display the angle

【Bitrate】 Display the bit rate of playing

◆Search playing

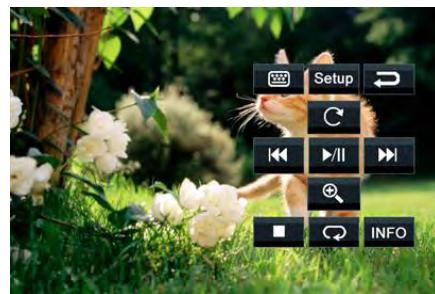
Touch the icon , the screen will display search playing options

Ref #	Signal	Function
1		Delete the input contents
2		Confirmation
3	1.2.3.4.5.6.7.8.9.0	Numeric key
4	【Chapter】	Input play chapter in this position.



Pic(9)

◆JPEG file playing



Pic(10)

Ref #	Signal	Function
1		Every light touch to the icon, the picture will rotate clockwise by 90 degrees
2		Enlarge/reduce image; According 4/3 3/2 2,3 times of the original to enlarge, then 1/2, 3/4 times of the original to reduce.
3		Picture information. Press this icon to pop up the picture of relevant information.
4		Cycle play. Press this icon to display picture repeatedly in the file

◆ VCD playing touch control

VCD play operation is the same to DVD play, the PBC function is only to VCD2.0 disc

◆ CD/MP3/WMA playing touch control



Pic(11)



Pic(12)

Ref #	Signal	Function
1		Cycling play back
2		Previous track
3		Fast forward; press to play forward at 2/4/8/16 times the speed.
4		Play/ pause
5		Next track
6		Fast backward; Press to play backward at 2/4/8/16 times the speed
7		Random play
8		Stop;Press to stop the play back

2. Radio function operation

After starting radio function mode, the system will automatically play the last stations. It can also be chosen stored radio station by touching screen to play. All function operations are shown in the picture.

◆Enter

Touch the top left corner of the screen lightly, clicking on Radio icon in the main menu.

Press MODE in the remote controller to log in

◆Quit

Manually or automatically enter into another mode to play.

◆RDS Function

The system default RDS function open. RDS function can be closed through the system menu.

When it is closed, the information bar will display "RDS OFF". At this time, the icons of RDS function such as AF/TA are invalid.



Pic(13)



Pic(14)



Pic(15)



Pic(16)

Ref #	Signal	Function
1		Automatic search
2		Search semi-automatically from low to high frequency and stop, until the transceiver receives signal and play
3		Conversion of radio band; It can converse amount FM-1/FM-2/FM-3/AM-1/AM-2 band.
4		Keypad. Press this icon to pop up the keyboard showed as PIC (16), which can input track to search play.
5		Fine tuning from a single step to high-end frequency
6		EQ setting
7		Search semi-automatically from low to high frequency and stop, until reach the high-end of the station and play.
8		Fine tuning from a single step to Low frequency
9		Save current frequency as a reset station: click the icon, a window as picture (14) displays, click a preset station number in the window, current frequency is saved as a preset station.
10		Flip icon; touch lightly to enter Page Two.
11		Preview playing; Press this icon to preview playing valid radio station, each station plays ten seconds
12		Flip icon; touch lightly to enter Page One.
13		LOC indicating lamp, light touch is invalid.
14		SETUP mode

3. SD/USB Playing Function Operation

This system support WMA, MP3, MPEG, JPEG formats to play which stored in SD card or U disk. When it is playing MP3/ WMA contents, the interface and function are similar with playing CD/MP3 / WMA disk. When it is playing a JPEG format content, operation menu is similar with playing JPEG files. When it is playing MPEG content, the interface and function are similar with playing DVD disk.

◆Enter

Touch the top left corner of the screen lightly, clicking on SD/USB icon in the main menu.

Press MODE in the remote controller to log in.

Insert the multimedia SD card or USB disk.

◆Quit

Manually or automatically enter into another mode to play.



Pic(17)



Pic(18)

Ref #	Signal	Function
1		open the folder.
2		previous
6		play/pause
4		fast forward
3		next
5		fast backward

Ref #	Signal	Function
7		back to the previous content
8		Flip icon; touch lightly to enter Page Two.
9		Flip icon; touch lightly to enter Page One.
10		Random play
11		Cycling play back

4. iPod Playing Function Operation

The system support ipod audio play.

◆Enter

Gently touch screen upper left corner, touch iPod icon on the main menu. After connect iPod successfully, Press remote control MODE to enter. Connect with iPod player.

◆Quit

Manually or automatically enter into another mode to play.



Pic(19)

Pic(20)

Ref #	Signal	Function
1		Cycling play back
2		MENU, back to previous menu
3		Next
4		Play/Pause
5		Previous
6		Flip icon; touch lightly to enter Page Two.
7		Flip icon; touch lightly to enter Page One.
8		Random play
9		Fast backward
10		Fast forward

5、TV Function Operation

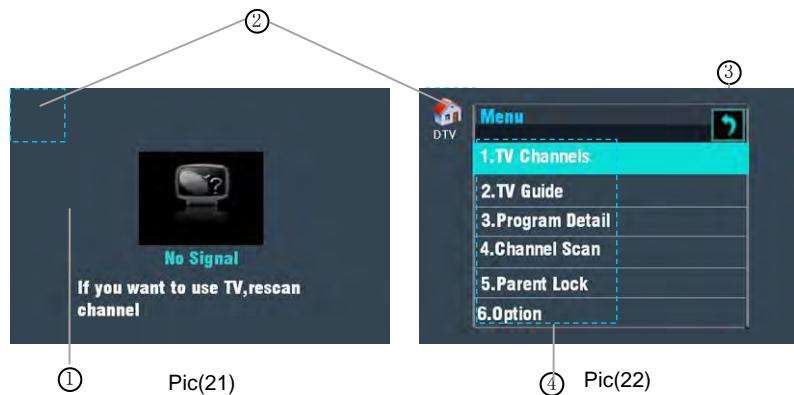
◆Enter

Gently touch screen upper left corner, touch TV icon on the main menu.

Press remote control MODE to enter.

◆Quit

When in DTV mode, touch the left-top corner gently. If menu is popued, there will be a HOME icon indicates to return to home page.



【1】...While displaying "No Signal" or in playing, touch any area of the screen, except left-top corner, will popup menu.

【2】...Left-top corner, touch here to exit DTV.

【3】...Return icon. Gently touch this icon return to previous window.

【4】...Menu items.

[TV Channels]: Touch this item will enter "TV Channels"submenu. If there is nothing programs currently, it will prompt that "TV channels Not found".

[TV Guide]: Touch this item will enter "TV Guide"submenu. If there is nothing programs currently, it will prompt that "No EPG Data".

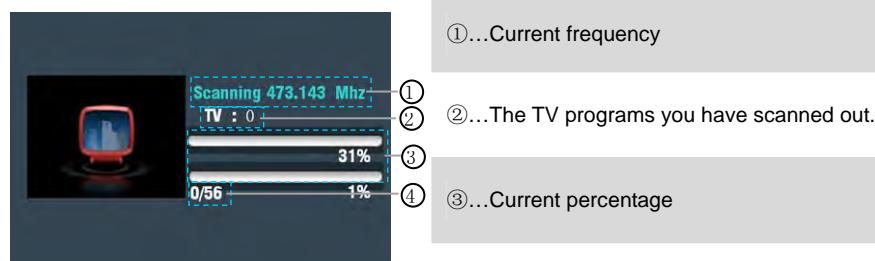
[Program Detail]: Touch this item will enter "Program Detail"submenu. If there is nothing programs currently, it will prompt that "TV channels Not found".

[Channel Scan]: Touch this item will popup "Remove Channel List?"dialog-box.



NO.	Description
①...Dialog Text	Question you to operate what you've selected item.
②...Select Items	Select "Yes" to clear contents of channel list and execute scaning, select "No" to abort your selection.
③...Up	Up-ward select item.
④...Down	Down-ward select item.
⑤...OK	Execute your selection.
⑥...Return	Abort your selection.

If You selected **Yes** and press **OK** button, it would start to scan channels.



Pic(24)

④...How many channels you have searched.

[Parent Lock]: It contains 2 items in its submenu, one is **[Set User Age]**, the other is **[Change Password]**, but they have similar operations.



Pic(25)

①...Input box. Allow you input numeric character. Such as password, age, etc.

②...Keyboard.

Touch numeric character button to input number.

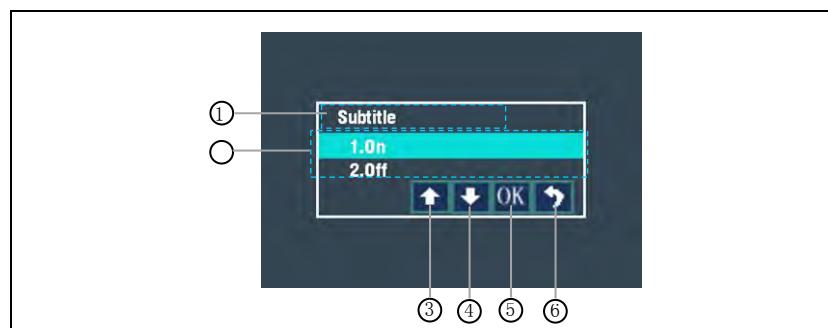
Touch backspace button to delete number you have input in error.

Touch carriage-return button to confirm your input.

If you input a wrong password, it will popup a message box to notify you that your password is wrong!

[Option]: There are 6 items in option. These items are used to set a certain function to lead you get the best effect in watching TV.

The 4 header items, **[Subtitle]**, **[Language]**, **[Dual Mono]** and **[Audio Setting]** are similar, here take **[Subtitle]** for example.



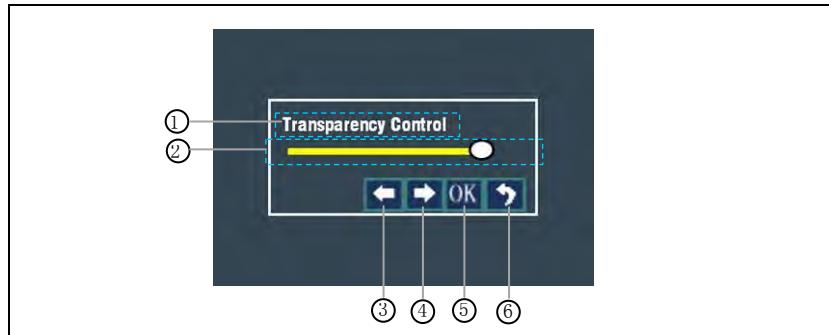
Pic (26)

NO.	Description
①...Title	Current item in option.
②...Select Items	Select “On” to open subtitle(if current program itself has subtitle), select “Off” to close subtitle.
③...Up	Up-ward select item.
④...Down	Down-ward select item.
⑤...OK	Execute your selection.
⑥...Return	Return to last window.

[OSD language]: Since many country use ISDB, so we offered 4 OSD languages for users, they are English, Japanese, Portugues and Spanish. Gently touch any item in OSD language window we save your touched language for you.

[Transparency control]: It allows you to modify UI transparency, you can set UI into translucency to watch TV, which won't interference you watching TV.

Note: If the transparency is less than 4(maximum level), operating in menu will blink LOGO when no signal.



pic (27)

NO.	Description
①...Title	Current item in option.
②...Indicator	Indicates transparency you have set.
③...Left	Decrease transparency.
④...Right	Increase transparency..
⑤...OK	Save your settings.
⑥...Return	Return to last window.



Note: when the television are broadcasting,gently touch screen D area display menu, gently touch A area back to main menu, gently touch C area to broadcast previous pre-stored TV station,gently touch E area to broadcast

6、AUX IN Function Opreation

The system have two-way audio one-way video auxiliary input,allow external source media player access to the system and play,such as cameras ,game consoles,external navigation boxes.When no signal input,the screen display as Pic28. Under AUX IN mode,gently touch A area,back to system main menu,gently touch F area to close display,gently touch D area,display system set and EQ setting menu.

◆Enter

Gently touch screen upper left corner, touch AUX IN icon on the main menu. Press remote control MODE to enter.

◆Quit

Manually or automatically enter into another mode to play.



Pic (28)

7、Camera Function Operation

When using rear view mirror function, we must let the camera access to system camera video input port. After access, we need to confirm and set rear view mirror display mode, avoiding display picture left and right reversed to lead the driver misjudgment .

◆Enter

Gently touch screen upper left corner,touch Camera icon on the main menu. Press remote control MODE to enter. Car in reverse gear,the system REVERSE cable connect

◆Quit

Manually or automatically enter into another mode to play. Exit reverse gear.

8、BT Function Operation

The system built-in Bluetooth have hands-free communication system, **which** can build connect with the phone that have BT function. In this system screen we can implement dial, answer, mobile music player and other functions.

Note: 1. If the Mobile phone BT want to play music ,it must support A2DP agreement.



2. After the machine work,as long as a call comes in,the system will automatically turn to BT hands-free mode whatever the mode is.

◆Enter

Gently touch screen upper left corner,then touch BT icon on the main menu.

Press remote control MODE to enter. When the mobile phone and system are connecting, that means have call in.

◆Quit

Manually or automatically enter into another mode to play. Hang up the phone.



Pic (29)

pic (30)



Pic(31)

Ref #	Signal	Function
1		Mobile phone pairing. When the mobile phone and system do not connect, gently touch to pairing function, that time mobile phone can search this system and connect. When the mobile phone and BT connect successfully, gently touch the icon to cut BT connect.
2		Voice channel conversion. Gently touch the icon to switch voice call between mobile phone and the system.
3		Phone answer key, dial key. Directly gently touch this key, automatically dial the last dialled number. Also can gently touch the icon to dial after

Ref #	Signal	Function
		enter into missed call,dialled number,received number list .
4		Phone and BT music play switch key, gently touch to switch to music play operating interface.
5		Small keyboard.Gently touch this key to enter into telephone dial, such as picture (31)
6		Microphone switch.Whether close the microphone.
7		Hand up.Gently touch to cancel current call.
8		Connect control.Gently touch the key to connect/cut connect.
9		Back to last menu
10		Next track
11		pause music
12		BT music play interface and phone interface switch key,gently touch can switch to phone operate interface.
13		Previous track
14		Stop play current music
15		Exit dial keyboard.Press this key,will switch to BT main menu.
16		Delete input
17		Hang up key
18		Dial key

◆Pairing

Enter into BT interface, gently touch key **【5】**, display "phone pairing.....". At the same time open phone BT, after searched this system then connect the device, phone will indicate input pairing password (default is 0000), after correctly input, phone and the system will automatically finished pairing and connecting. When connecting successfully, BT connect state identification light will bright. If not, repeat above operation.

◆Dialing

Input the telephone number on the keypad, touch the "Dial" icon to dial the number. Another way, you can dial a number by selecting the number in the list: Missed calls, Received calls, Dialed numbers.

◆Answer or reject a call

After the cell phone is connected to the unit via Bluetooth, Bluetooth keypad interface will be automatically displayed on the screen when a call is coming. If the auto answer is set, the call will be answer automatically. When the manual operation is set, you shall touch "answer" or "reject" icon to answer or reject the call. The call can be end by touching the "reject" icon in any condition.

◆Play a song via the bluetooth connectivity

Open the music play interface, select the item from the menu list to play or pause the song in the cellphone.

Note:

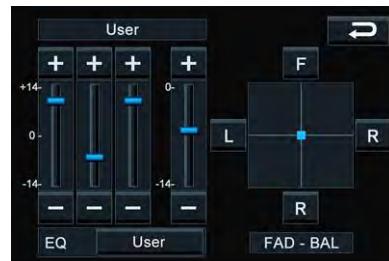


1. The cellphone must support A2DP profile.
2. Because the Bluetooth of the cellphone is different, the operation can be

System Setup

1. EQ setup

Open the EQ setting by touching the EQ icon.



Pic(32)

Setting	Item	Feature Description
EQ	Custom	User Preset:Low/Mid/High band enhancement
	Rock	Rock sound effect preset in the system
	RAP	RAP sound effect preset in the system
	Dance	Dance sound effect preset in the system
	Latin	Latin sound effect preset in the system
	RAVE	Rave preset in the system
	City	City preset in the system
	Vocals	Vocals preset in the system
BASS	-14~+14	Low band setting in Custom EQ setting
MID	-14~+14	Mid band setting in Custom EQ setting
TREB	-14~+14	High band setting in Custom EQ setting
SUB	-14~0	Subwoofer channel output gain adjustment
FAD-BAL	F	Front Channel volume up,rear channel volume down
	R	Rear Channel volume up,Front channel volume down
	L	Left Channel volume up,right channel volume down
	R	Right Channel volume up,left channel volume down
		Exit EQ menu

2、System setup

Touch “SETUP” icon, enter the system setting menu.

◆General setup

Touch “General” icon in the system setting menu, enter the general setting. The Clock Mode, Clock, Tuner Region, TV Region can be set.



pic(33)

Setting	Item	Feature Description
Clock Mode	12 Hour/24 Hour	Select the Clock Mode in the
Clock	00:00	Set the time
Navi Mix	On/Off	Set navigation sound mixing effect

◆Language setup

Touch “Language” icon to access language setting menu. You can set OSD language, DVD subtitle, DVD Audio, DVD menu.



Pic(34)

Name	Option	Description
Language	English/Chinese	Set OSD language
Subtitle	English/Chinese/Auto/Off	Set DVD subtitle language
Audio	English/Chinese	Set DVD audio language
DVD Menu	English/Chinese	Set DVD menu language

◆ Audio setup

Touch "Audio" icon to access Audio setting menu. You can turn on or turn off Subwoofer.



Pic(35)



Pic(36)

Name	Option	Description
Loudness	On/Off	Turn on/ off loudness
Subwoofer	On/Off	Turn on/ off subwoofer
Subwoofer Freq	55Hz/85Hz/120Hz	Set subwoofer frequency
Bass Freq	60Hz/80Hz/100Hz/120Hz	Set Bass frequency

◆ Rating setup

Touch "Rating" icon to access Rating setting menu.



Pic(37)

Name	Option	Description
Set Password	0000	Set BT pairing password
Parental Ctrol	1.Child/ 2.G/ 3.PG/ 4.PG-13/ 5.PG-R/ 6.R/ 7.NC-17/ 8.Adult	Set parental control level
Load Factory	Reset	Load factory setting

◆Hardware setup

Touch "Hardware" icon to access Hardware setting menu.



Pic(38)

Setting	Option	Description
Camera in	Normal/Mirror	Set reverse display mode
Beep	On/Off	Turn on/off beep
Wheel	Mode/Search up/ Search down/ VOL+/ VOL-	When the wheel key connect to the system, we can realize the pairing of the wheel key control through the key study

◆P.VOL setup

Touch "P.VOL" icon to access P.VOL setting menu.



Pic(39)

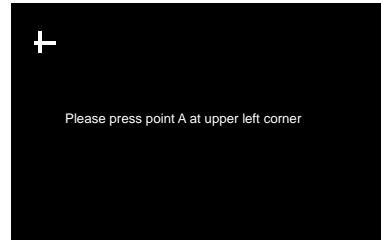
Setting	Option	Description
Source	Radio/ DISC/ USB/SD card/ AUX in/iPod/	Choose source
Level	0/1/2/3/4/5/6	Choose P.VOL level

◆ TS CAL

Touch "TS Cal" icon to access Touchscreen calibration setting. Touch the cross center, according to the screen description. After calibration finished, it will be back to setting menu automatically.



Pic(40)



Pic(41)

◆ Bluetooth setup

Touch "Bluetooth" icon to access Bluetooth setting menu.



Pic(42)

Setting	Option	Description
Connect	Auto/Manual	Set the BT phone and the unit connection mode
Auto Answer	Auto/Manual	Set coming call connection mode

Troubleshooting

Problem	Cause	Solution
GENERAL		
Unit will not power on.	Radio fuse blown.	Install new fuse with correct rating.
	Car battery fuse blown.	Install new fuse with correct rating.
	Illegal operation.	Press the RESET button.
No/low audio output.	Improper audio output connection.	Check wiring and correct.
No/low audio output.	Volume set too low.	Increase volume level.
	Speakers damaged.	Replace speakers.
	Only one channel is playing.	Check the balance and fader adjustments.
	Speaker wiring is in contact with metal part of car.	Insulate all speaker wiring connections or replace the speaker cable
	Mute is activated.	Turn off the Mute function.
Poor sound quality or distortion.	Unauthorized disc is in use.	Use original disc.
	Speaker power rating not compatible with unit.	Connect proper speakers
	Speaker is shorted.	Check speaker connections.
TFT MONITOR		
No image.	The parking brake is not engaged.	Stop vehicle in a safe place and apply parking brake.
	The parking wire was wrong or not connected.	Please connect the parking wire correctly.
	The "Monitor off"-function is	Touch the monitor to activate

	activated.	the display.
Prolonged image or improper height/ width ratio	Improper aspect ratio setup.	Use correct aspect ratio setting.
Weak station searching.	Auto antenna not properly connected.	Connect the auto antenna cable properly.
	REG function is activated.	Turn REG function off.
	The adapter with antenna power supply is not connected.	Connect the antenna power supply adapter properly.
	The AF function is not activated	Activate the AF function.
MP3		
The ID3 tags are shown incorrectly.	Message is longer than LCD can display or ID3 tag is not compatible.	Use proper ID3 tag information.
DVD-PLAYER		
Disc does not play back.	[Bad Disc]	Disc is warped or scratched.
	[Bad Disc]	Disc is dirty or wet.
	[Unknown Disc]	Incompatible disc is used.
	[Unknown Disc]	Disc rating exceeds parental lock rating limit.
	[Region Error]	Disc region code is not compatible with unit.
	[Bad Disc]	Disc is inserted upside down.
Cannot insert disc.	Disc already inside unit.	Eject current disc and insert new one.

System parameters

DVD/CD playback

Compatible Disc/Format:

DVD-R, DVD-RW, DVD+R, DVD+RW, CD-R, CD-RW, CD-DA, MP3, WMA, HDVD, SVCD, VCD, MPEG, JPEG

PANEL

Screen size: 7" / 6.2"

Screen style: TFT

Pixel: 384,000

Viewing angle: overlook: 65°, uplook: 40°, left look: 65°, right look: 65°

VIDEO

System: NTSC, PAL (AUTO)

Out: 1V_{P-P} (75Ω)

In: 1V_{P-P} (75Ω)

Disc logo

Disc logo symbol	12cm diameter characteristic	Maximum play time
 	Single-side、single-layer (DVD-5) Single-side、double-layer (DVD-9) Double-side、single-layer (DVD-10) Double-side、double-layer (DVD-18)	(MPEG2 format) 133 minutes 242 minutes 266 minutes 484 minutes
	Single-side、single-layer (VCD)	(MPEG1 format) 74 minutes
	Single-side、single-layer (CD)	(CD-DA) 74 minutes

FCC STATEMENT

1. 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.
2. 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.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, Human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.