

POWER ACOUSTIK®

Mobile Multimedia Entertainment System

PD-72H2B

Operation Instructions



**Single DIN 7" widescreen color LCD monitor/receiver
With BT, MobileLink 2 way control**

Note:

**Please read this operation instruction before using!
Familiarity with installation and operation procedures will help you
obtain the best performance from your new DVD-receiver!**

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GENERAL INFORMATION

Model No.	PD-72H2B			
General features	Motorized 7" LCD Screen w/ High Definition 800*480 Pixel and Angle Adjustment FM/AM two BAND Radio DVD fully compatible with DVD/DVD-R/DVD-RW/CD/CD-R/CD-RW Including VCD MP3, MP4 Front USB & SD reader support Rear view camera A2DP Wireless MP3 Playback from enabled Smartphones 300W 4ch / Speaker output Steering wheel control AV Input & AV output Rotary audio control			
TFT screen	800*480pixel			
SD	64GB			
USB	2.0			
Power supply	DC 12.00 voltage			
Max Output	300W 4ch / Speaker output			
Working Temperature	-20°C~70°C			
Size	96.5*170.5*144mm			
Weight	About 1.92kg			
Compatible Media				
Picture	JPG/JPEG			
Disc	DVD/DVD-R/DVD-RW/CD/CD-R/CD-RW			
Audio file	MP3/WMA/M4A-AAC			
Video file	Video	.avi	MP3	XVID
		.mp4	AAC	MPEG4 visual
		.mpg	MP3	MPEG1
				MPEG2
.3gp	AMR	MPEG4 visual		

SAFETY NOTICE

Please read and understand the following safety information before operating this unit.

⊘ The device is suitable for 12V power supply (requires grounding). Do not connect it to 24V power supply in trucks or buses, or else it will be damaged.

⚠ Please use genuine discs, instead of incompatible and poor discs, or else it will damage the device or shorten the service life.

⚠ Without the guide of qualified personnel, do not replace the fuse, or else it may damage the device or cause fire.

⚠ Please follow the traffic laws and regulations and do not watch program or operate the device when you are driving, to avoid accidents (excluding passengers watching through rear monitor).

⚠ To ensure safety and operate the device normally, please ask qualified personnel to install the device. do not disassemble or repair the device without authorization, to avoid damage and accidents.

Please contact local car audio distributor for details.

⊘ Do not put the device in moist environment or water, to avoid electric shock, damage and fire due to short circuit.

⊘ The mechanical drive part of the monitor uses automatic precision transmission component. Do not pull, push or rotate the device by force or impact the TFT screen to avoid damaging the device.

⚠ Do not insert the audio plug of the vehicle into the master unit directly. please convert with the dedicated end cable provided by our company.

⚠ When install the unit, prevent metal objects falling into the master unit from the vents to avoid short circuit and damaging the device.



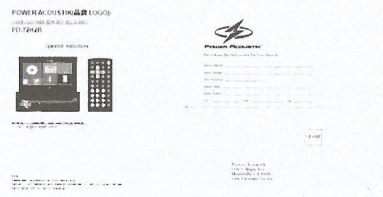
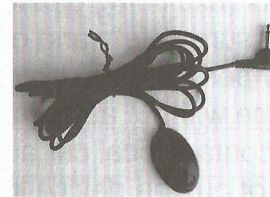
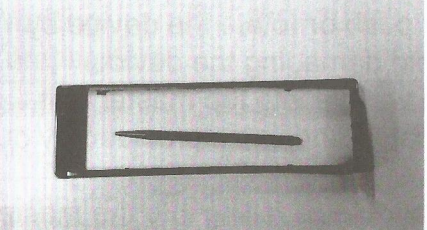
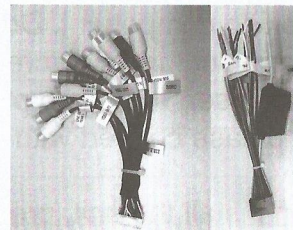
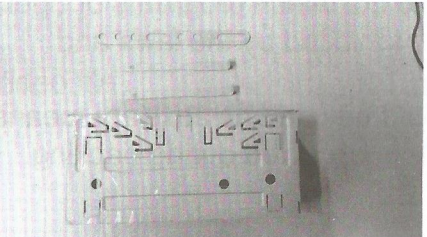
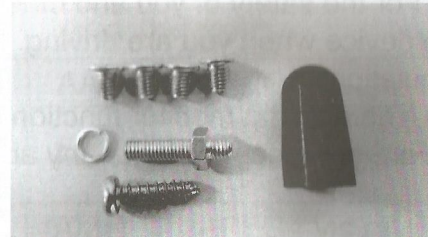
Safety Statement

⊘ For the safety of you and others, do not watch programs or operate the device when you are driving. It is prohibited by the laws and regulations.

⚠ The backing monitor function should be used as auxiliary means. we are not responsible for any accidents occurred during backing.

ACCESSORIES

Please note that when you buy this unit, you can find all the following parts in the gift box. And if not, please don't hesitate to contact us to get any of it.

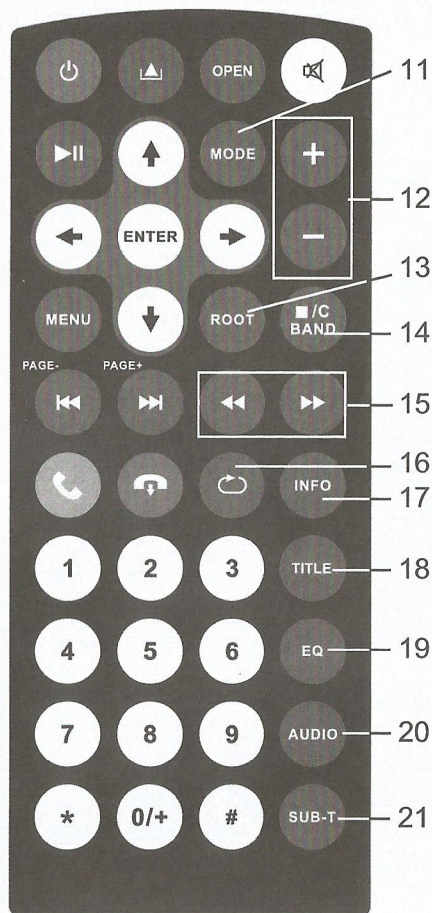
<p style="text-align: center;">Unit</p> 	<p style="text-align: center;">Remote Control</p> 
<p style="text-align: center;">User's Manual/Warranty Card</p> 	<p style="text-align: center;">Ex-Mic</p> 
<p style="text-align: center;">Trim Ring/Touch Pen/Rubber Pillar</p> 	<p style="text-align: center;">Cable</p> 
<p style="text-align: center;">Mounting Strap/Release Key/ Mounting Sleeve</p> 	<p style="text-align: center;">Bolt/Screws/Rubble Pillar</p> 

REMOTE CONTROL OPERATION



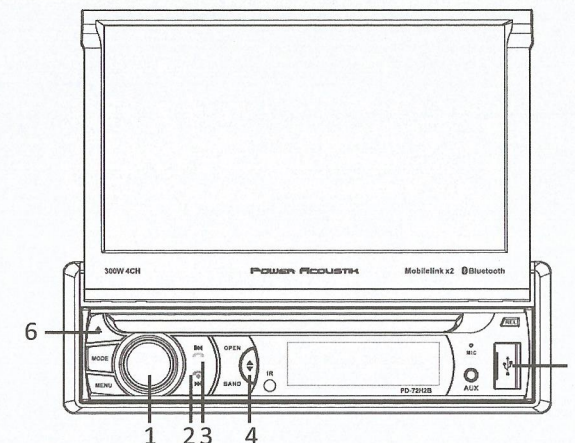
1. TURN ON/OFF key---
Turn ON/OFF the screen.
- 2.EJECT Key
Press to eject the Discs in the unit. And press again to insert the Disc if you do not take out it.
- 3.OPEN key
- 4.MUTE key
Press to mute the unit and press again to restore the volume.
- 5.Play/Pause.
- 6.Direction and ENTER key
If there is a Disc with root list menu,press direction key to move up/down, and press enter to confirm. Press left to enter into file list. Right to open the file.
- 7.MENU key
Press menu key to turn back to the main interface of the unit under any mode.
- 8.Under Disc/SD/USB/video mode, press to choose previous/next song. Under music list menu, press to choose PRE/NEXT page. Under RADIO mode, press to search frequency forward /backward.
- 9.Take phone calls and hang up phone calls.
- 10.Number key
Choose music by number key under DISC/Radio mode.

REMOTE CONTROL OPERATION



11. **MODE** changing key
Press to change mode of the unit between BT/AUX IN/AV IN/Radio/MobileLink/DVD/SD/USB.
12. **VOLUME UP/DOWN** key
Press to volume up and volume down under any mode.
13. **DVD** playing mode, press to go into root list menu; VCD playing mode, press to turn on/off PBC function.
14. **BAND**: Radio mode, touch to change between FM1/FM2/FM3 /AM1/AM2; press STOP and the screen will show LOGO interface; Delete function in BT calling mode.
15. **FAST REVERSE/FAST FORWARD** key
Under Disc playing mode, press to fast play reverse/forward at the speed of *2*4*8*16; under Radio mode, press to search step by step reverse/forward.
16. **REPEAT** key
Under DISC/Music/Video mode, press to set the repeat mode: single, chapter, all.
17. Under video playing mode, press to check the video playing information such as: playing time, name of the song, total song etc..
18. Under DVD playing mode, press to enter into title list menu.
19. **EQ** mode
Touch to set EQ mode. Touch again to adjust EQ effect
20. **Channel changing** key:
under DVD/VCD multiple sound effect video playing mode, press to change channel (STEREO/LEFT CHANNEL/RIGHT CHANNEL).
21. **SUBTITLE** changing key
Change the subtitle during playing if the Disc have multiple subtitle.

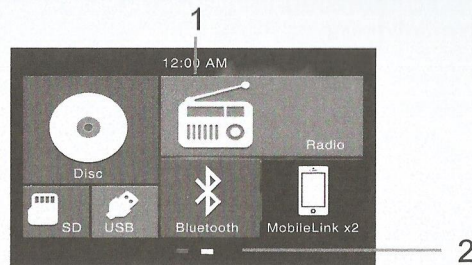
PANEL PICTURE FUNCTION



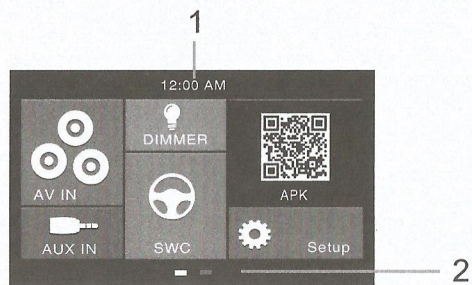
1. **TURN ON/OFF & VOLUME UP/DOWN**
Long touch to turn ON/OFF the unit. Short touch to activate the MUTE function and silence the audio output. Touch again to restore sound. Rotate to adjust the output volume UP or DOWN
2. **HANG UP**:
hang up the phone calls coming from Bluetooth. In other mode, press to go to next songs.
3. **TAKING CALLS**:
taking the phone calls coming from Bluetooth. In other mode, press to choose previous songs.
4. **Angle adjusting**:
3 steps up and 3 steps down adjusting.
5. **USB cover**.
6. **Eject key**
When there is a Disc in the unit, touch EJECT to remove the Disc. And touch again to load the Disc if you do not take out it In the panel, there are many other keys and its function shows:
MODE: Touch to select system mode (BT/AUX IN/AV IN/Radio/MobileLinkx2/DVD/SD/USB)
MENU: Touch to access the MAIN Menu. Touch again to go back to last source menu.
OPEN: Make the screen stretching out or go back.
BAND: For radio band conversion between FM1/FM2/FM3/AM1/AM2
MIC: Receive hole
AUX: Front 3.5mm AUX in jack
REL: Press REL so that you can detach the front panel

MAIN MENU OPERATION INSTRUCTION

Main menu 1



Main Menu 2



1. Shows the present time.

2. Page sliding button: slide or touch to choose the main menu 1 or main menu 2.

Touch the Radio, Disc, Bluetooth, MobileLink, USB, SD, AV in, AUX in, to select the corresponding source. Touch SWC to SWC setup menu, Touch Dimmer to adjust the brightness of the backlight, Touch Setup to system setup menu. Scan the APK QR to download APK to your android phone.

SETUP MENU

There are five menu in setup:
GENERAL SETUP—Menu 1



1. Setup function area: General setup, Clock setup, Audio setup, Video setup, Other setup.

2. Subsidiary function area: Press to see the general setup items.

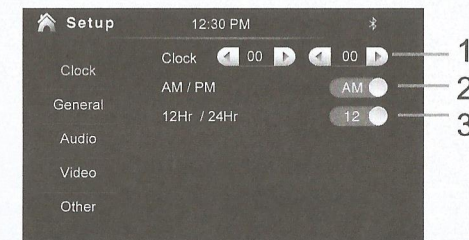
a. Reverse: rear view camera ON/OFF function. Tuned OFF if you don't get a rear view camera.

b. Reverse mirror: rear view image mirror.

c. Beep: When turned on, an audible beep tone confirms each function selection.

d. Radio Region: touch to choose the radio region.

CLOCK SETUP -Menu 2



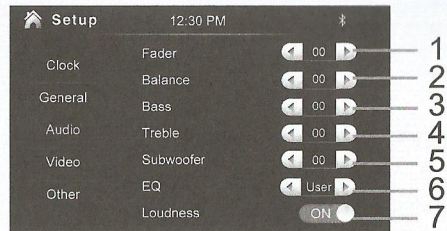
1. This option is used when setting the clocks time manually

2. Touch to set the clock mode: 12Hr/24Hr. Clock displays 12 hour time using AM and PM. Clock displays 24 hour time up to 23:59.

3. Shows the present time and mode you are setting.

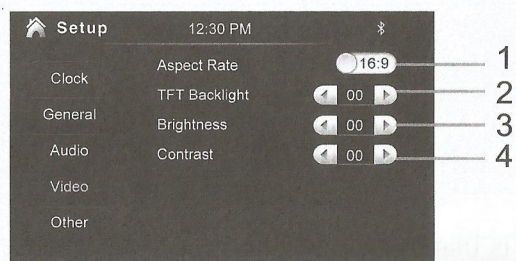
AUDIO SETUP

AUDIO SETUP--Menu 3



- 1.FADER:Balances the audio output levels between the front and back side of the vehicle between 7R—7F.
- 2.BALANCE:Balances the audio output levels between the left and right side of the vehicle between 7L—7R.
- 3.BASS: Reduces or increases the bass frequency sound level between -7 to +7.
- 4.TREBLE: reduces or increases the high frequency sound levels between -7 to +7.
- 5.SUB: 0—7.
- 6.EQ: Choose the sound level and audio output effect between USER/JAZZ/POP/CLASSIC/ROCK. And USER is the default one.
- 7.Set ON to raise 6db for all.

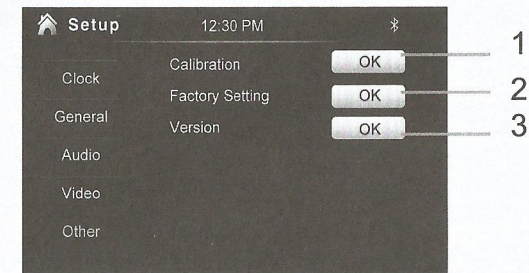
VIDEO SETUP--Menu 4



- 1.Adjust DVD screen aspect ratio for viewing video:4:3 or 16:9.The disc must support 4:3 and 16:9 rate.
- 2.Adjust the backlight brightness of the screen:-5 to +5.
- 3.Adjust the video of the screen: -5 to +5.
- 4.Adjust the video of the screen: -5 to +5.

OTHER SETUP

OTHER SETUP--Menu 5



- 1.Touch to start calibration function to make the touch feeling in the screen more accurate.
- 2.Restores the unit to factory settings.
- 3.Displays a screen which lists software version for the unit.

TOUCH CALIBRATION(Screen Calibration)

If the touch screen controls are not working properly, perform a touch screen calibration. You can find in SETUP—OTHER SET UP menu. Click “OK” which is corresponding with CALIBRATION, a crosshair “+” appears in a corner quadrant of the screen.



- ◆To begin calibration, touch and hold the crosshair for one second, it will move to the next quadrant. Continue for each quadrant until the calibration is completed and the setup menu appears.

RADIO OPERATION



- Shows the present mode. Press to turn back to the main menu.
- Shows the present BAND and frequency source.
- Short press to search backward.
- Short press to search forward.
- Radio preset stations area.
- Band changing: Click to change between FM1/FM2/FM3/AM1/AM2.
- Search the stations, play the searched one for 5S and go on to search next one.
- Touch to seek backward/forward.
- AS: Long touch to set as AS. Touch to save the stations with good reception automatically and scan each station for about 5 seconds.
- PS: Short touch to set as PS. Scan preset stations from 1 to 6.
- RBDS: Touch to enter RBDS setup menu. You can choose the program type you like to listen: news, sport, Info, etc.
- PTY: Program type; PS: Program service.

MEDIA PLAYING VIDEO FORM PLAYING

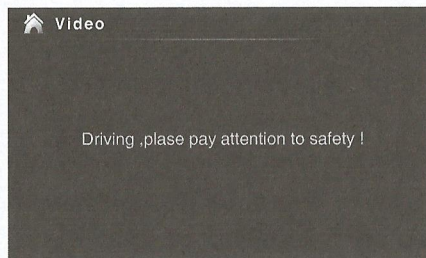


- Touch to select one of the three Menu Control Bars: 1/3, 2/3, 3/3.
- Touch to alter repeat mode in the following sequence:
 - DVD: Repeat Chapter, Repeat Title, Repeat OFF, Repeat All.
 - VCD (PBC OFF): Repeat Single, Repeat OFF, Repeat All.
- Touch to move to previous chapter.
- PLAY/PAUSE: Touch to begin playback. Touch the icon again to pause.
- Touch to move to next chapter.
- STOP: touch to stop playing.
- Random play.
- FAST REVERSE: Touch to fast play fast reverse at the speed of *2*4*8*16.
- FAST FORWARD: Touch to fast play fast forward at the speed of *2*4*8*16.
- Touch to enter DVD Title.
- Touch to enter DVD Menu.
- Touch to zoom in or out during playback.
- Touch to select the audio language.
- Touch to select the subtitle language if the disc is recorded in multiple languages.

MEDIA PLAYING—CD AUDIO PLAYIN

- 15.Touch to select DVD video angle.
- 16.Touch to repeat a specific portion from point A to point B of the DVD disc.
- 17.Touch to select chapter of DVD.

NOTE: When properly installed, DVD video cannot be displayed unless the parking brake is applied. If you attempt to play a DVD while the vehicle is moving, the screen displays the following warning.



MEDIA PLAYING—CD AUDIO PLAYIN

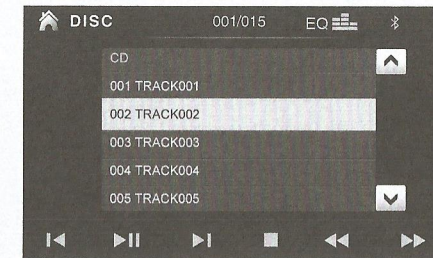


USB/SD MUSIC PLAYING

- 1.Track now playing 、 Playing status、 The disc type.
- 2.Time bar shows total time and playing time of the present song.
- 3.Random play.
- 4.Repeat mode:Repeat the song or Repeat the disc.
- 5.Touch to view the song list of the CD.

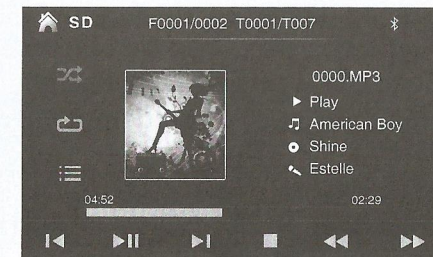
Source Menu of CD

Touch the SOURCE MENU(ICON 5) to access to the CD track menu to view or change tracks manually. Touch again to return to the playback of the current track.



USB/SD MUSIC PLAYING

Press USB/SD in the main menu, music menu is all same with the Disc music. There is only one different: it will show more ID3 information on it such as: song name, singer.



PICTURE



PICTURE



- 1.Touch to select one of the two Menu Control Bars:1/2,2/2.
- 2.Repeat mode adjusting.
- 3.Previous one.
- 4.PLAY/PAUSE: touch to begin play. Press again the icon to pause.
During picture playing mode, one picture will be played for 5s automatically and goes to the next if you do not press it.
- 5.Next one.
- 6.STOP: touch to stop the picture playing and go back to the list mode.
- 7.Enter into setting menu for brightness,backlight and contract.
- 8.Zoom out/in the present picture.
- 9.Turn right 90 degrees.

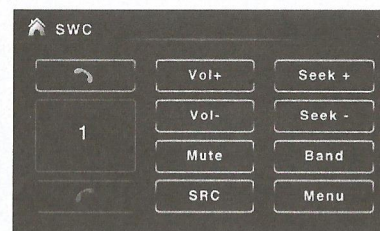
SWC-STEERING WHEEL CONTROL SETTING

SWC-STEERING WHEEL CONTROL SETTING

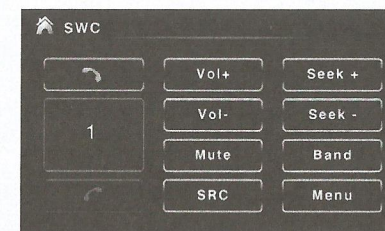
Set the VOL+ button as an example.

- 1.Press to enter into SWC menu Picture 1.
- 2.Press VOL+ button in the unit. You can see the reminder in the unit like Picture 2.
- 3.Press VOL+ in your steering wheel. The unit will show like picture 3.
Means successful binding.

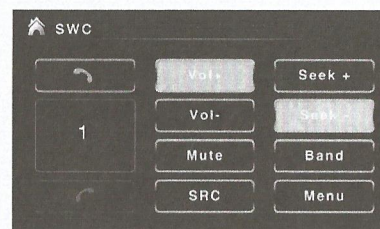
Picture 1



Picture 2

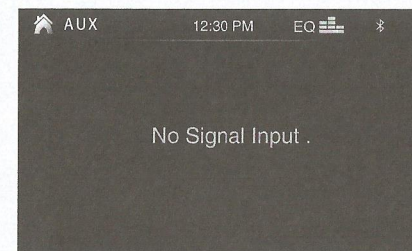


Picture 3



This is set by **1**. If you cannot finish all buttons pairing, you can use **2/3**; It will erase the memory if you press **2/3** during you are setting **1**.

Input menu: shows the signal input to the unit, and when you didn't insert anything to the unit and press AUX IN, it will show like:



MOBILE LINK X2 FUNCTION

MOBILELINK X2 FUNCTION CAN ONLY BE AVAILABLE:

- * Connect your cell phone with the unit via **BLUETOOTH**.
- * Install and run **APK software(MOBILELINK X2)** by smartphone.

Bluetooth Connection Step

Click BT icon in main menu to set Bluetooth ON; Open Bluetooth in your cellphone to search "Phone Pairing", click "Phone Pairing" and enter into the password "1234" to connect cellphone with the unit;

MobileLink Software Installing

Method 1: Scan APK QR code in the unit main menu2(or scan below QR code) to download and install MOBILELINK X2 software to your cellphone;

Method 2: Search MOBILELINK X2 in Google Play and install to your cellphone.



It will show the right icon in your cellphone after successful installing



APK

MobileLink X2 function Operation

- 1. RUN APK:** Click Mobilelink X2 in your Smartphone and you will see in smartphone: "Please connect your MobileLink cable".
- 2. LINK:** MobileLink port insert to unit MobileLink pigtail; USB port insert to unit USB pigtail; Mini port connect with cellphone.
- 3. OPERATION:** Click MobileLink X2 in main menu and both cellphone and unit will enter into 2way control menu as following:



◆ Function button 1:

	Click to show 3 more function buttons, long press to move the icon
	Touch to Main menu of the unit
	HOME of the cellphone. Enter into cellphone main menu

Press the relevant icon to enter into each function of the cellphone

	Go to the navigation menu		Go to calling menu
	Enter into music mode		Enter into video mode
	Check the version of the APK software		Turn back to last menu

◆ Function button 2:

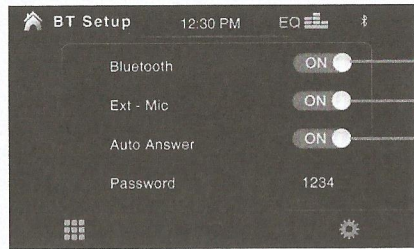
	Touch function button to enter into following functions
	<p>LINK: enter into APP menu;</p> <p>Back: back to last menu;</p> <p>Cancel Force/Cancel Horizontal: set the present menu as horizontal or force;</p> <p>Home: Back to main menu of the cellphone.</p>

NOTE/TROUBLE SHOOTING:

Unit shows the image of the cellphone, but can't control the phone	This shows Bluetooth not connect. You need to connect the unit and the phone through BT.
Inaccurate Touching	May not run the MOBILELINK X2 software rightly. Need to press MOBILELINK X2 icon in your smartphone.
Two voice source come out at the same time	Audio source of the smartphone still playing, and go to play audio source of the MOBILELINK X2 without press stop. Make sure only one audio source playing at same time. Once playing audio source of the smartphone, you should stop it and then go to play the audio source in the MOBILELINK X2.

BLUETOOTH OPERATION

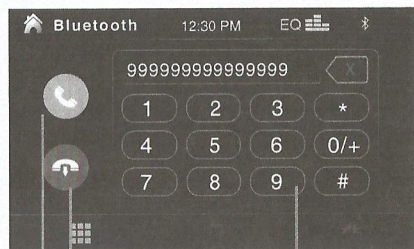
NOTE:When Bluetooth not connected with unit, the BT music and BT calling are not working.



4

BT SETUP MENU:

- 1.ON: can search this unit for connecting BT
- 2.ON: use external microphone.
- 3.Open or close the auto answer function.
- 4.Touch to enter into the following Bluetooth calling menu.



1 2 3 4

BT SETUP CALLING MENU:

1. Take phone calls. And click to call out and you can see the next calling menu.
2. Hang up phone calls.
3. click to see the BT music mode.
4. Touch the number key to enter into phone numbers.



1 2 3 4

BT SETUP CALLING MENU:

- 1.Touch to set using phone talking or unit talking through Bluetooth.
- 2.Hang up phone calls.
- 3.MUTE for MIC.
- 4.Change from unit BT calling mode to cellphone mode.



1 2 3

BT MUSIC MENU

- 1.Previous song.
- 2.Play/Pause.
- 3.Next song.

TROUBLE SHOOTING

Table 1: Error message

Media displayed	Cause	Corrective Action
Loading	Disc is being read	
No Disc/Bad Disc	Disc is dirty	Clean the disc
	Disc is upside down	Insert Disc in right way
Unknown Disc	Unsupported Disc type	Check the disc and change one
Error	Illegal mechanism operation	Press EJECT for 5s to reset loading mechanism

Table 2:General problems

Problem	Cause	Corrective Action
Unit will not power on	Radio fuse blown	Install new fuse with right rating
	Car battery fuse blown	Install new fuse with right rating
	Illegal operation	Press the RESET button
Screen touch is insensitive	Place of touch screen is offset	Go to setup menu and set the calibration
No audio output	Improper audio output connection	Check wiring and correct
	VOLUME 0	Turn up the volume
	Improper MUTE connection	Check wiring and TEL MUTE connection
	Speaker damaged	Change speakers
Low audio output	Volume set too low	Increase the volume
	Heavily biased volume balance	Check and adjust the channel balance to the center position

TROUBLE SHOOTING

Poor sound quality or distortion	Speaker power rating not compatible with unit	Connect proper speakers
	Speaker is shorted	Check speaker contrast
No GPS image	Image has not been changed to GPS system	Change to GPS system

Table 3: TFT monitors

Problem	Cause	Corrective Action
No image	Incorrect connection to parking wire	Check wiring and correct
	Parking brake is not engaged	Stop vehicle in safe place and set parking brake ON
Flashing image or interference appears on screen	DVD is not compatible with current TV system settings	Change setup to accommodate Disc
	Improper video signal connections	Check wiring and correct
Improper image, improper height/width ratio display	Improper aspect ratio setup	Use correct aspect ratio setting

Table 4: Tuner

Problem	Cause	Corrective Action
Weak station searching	Auto antenna is not fully extended	Connect the auto antenna properly
	LOCAL function is activated	Turn LOCAL function OFF

TROUBLE SHOOTING

Table 5: Disc

Problem	Cause	Corrective Action
Cannot insert Disc	Disc already inside unit	Eject the current Disc and insert the new one
Lots of noise during play, and stop then	Disc is scratched or warped	Use a new one in good condition
	Disc is dirty or wet	Clean the Disc
No repeat or searching while playing VCD	PBC is ON	Turn PBC OFF