POWER ACOUSTIK

Operation Instruction Manual

CPAA-70D

Content

1.   Appearance

Main Menu

Carplay Menu
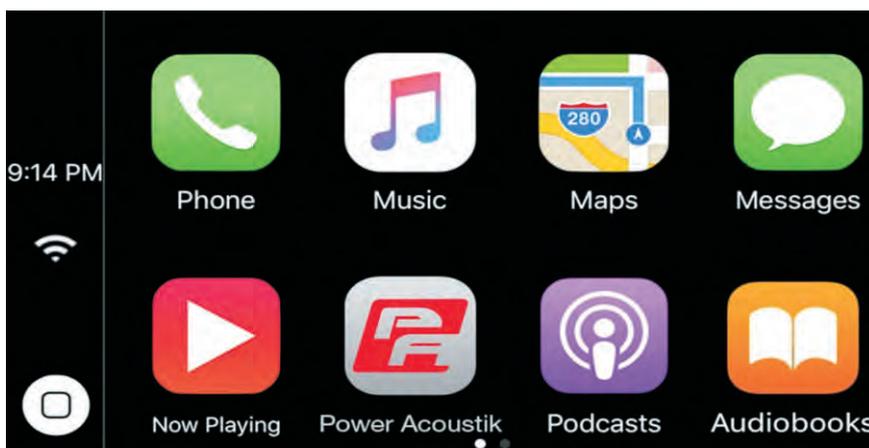
Android Menu

2.   WIRING CONNECTION

Extraposition MIC jack
Red — Line Out (FR)
Red — Line Out (RR)
Yellow — Video Output1
Red — Audio In (R)
Radio antenna
Yellow — Video Input
White — Audio In (L)
Yellow — Video Output2
Yellow — Back sight camera input
white — Line Out (RL)
Green — Subwoofer Out
White — Line Out (FL)
Brown — Front camera input

ISO A   ISO B
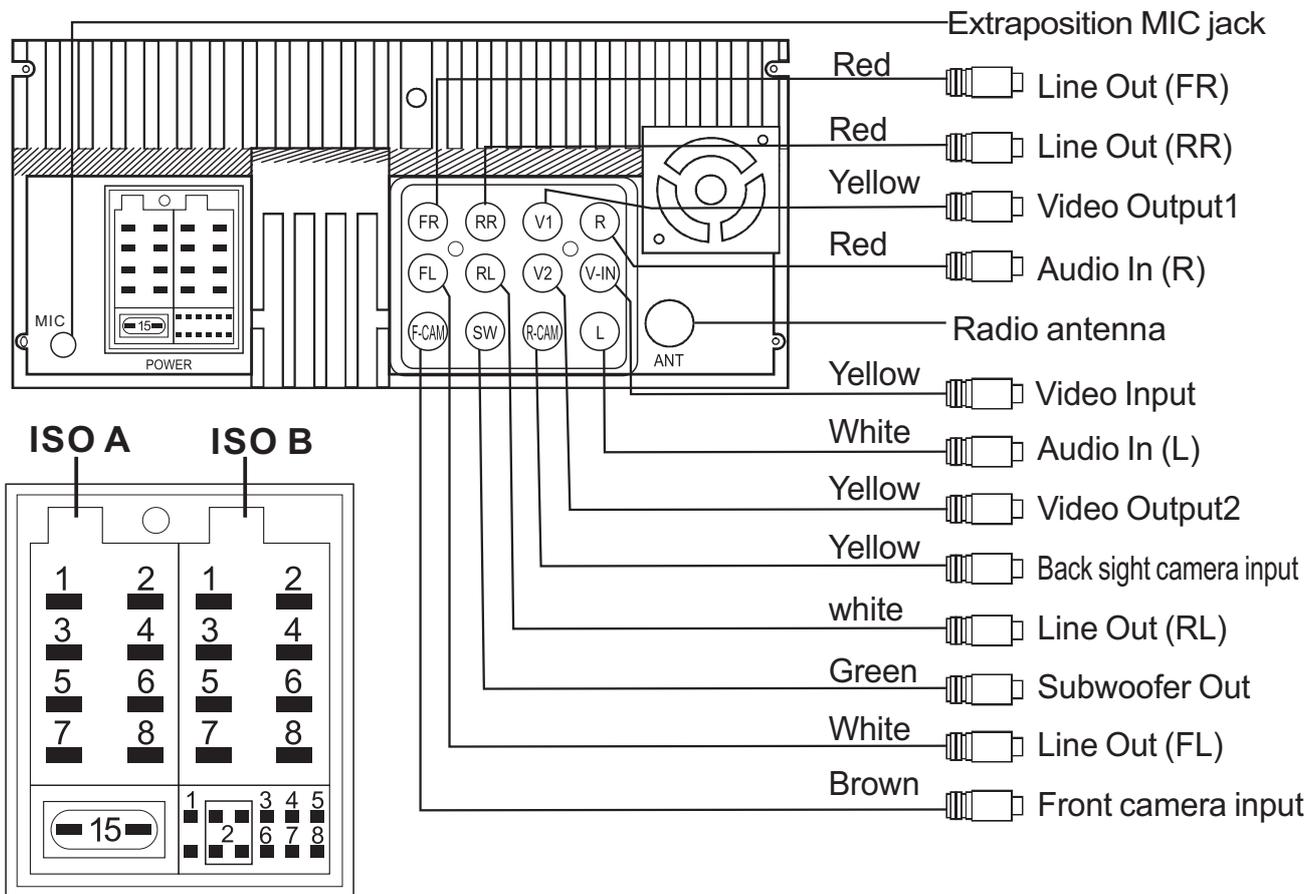
Portion		Colour	Connection
Connecting Socket	POWER	Red	Ignition switch (B+)
		Black (Coarse)	Ground (B-)
		Yellow	Memory back up (B+)
		White White / Black	Front left speaker (+) Front left speaker (-)
		Grey Grey / Black	Front right speaker (+) Front right speaker (-)
		Green Green / Black	Rear left speaker (+) Rear left speaker (-)
		Purple Purple / Black	Rear right speaker (+) Rear right speaker (-)
		Blue	Auto antenna (B+)
		Pink	Back sight (B+)
		Pink / Black	Front camera (B+)
		Grey	Steering wheel control (1)
		Green	Steering wheel control (2)
		Black (Fine)	Steering wheel control (Ground)
		Orange	Headlamp detection / backlight illumination (Connect to on/off control of car headlamp)
		Blue / White	Amplifier control (B+)
		Brown	Brake (B-)

3. FRONT PANEL

① Eject
eject disc.

② ④ >> / <<
Radio Mode:
Press repeatedly to fine tune the radio frequency upward or downward.
Press & hold shortly to tune the radio frequency to the upward or downward station for broadcasting.
Disc/USB / SD Input Mode / Bluetooth Mode:
Press repeatedly to shift track upward or downward for playback.
Each time press & hold shortly to activate various fast forward/rewind speeds for playback.
(Note: Fast forward or fast rewind is not available at Bluetooth mode & picture playback mode)

③ VOLUME
when Apple CarPlay or Android Auto available, hold the voice button to start the voice control function.

⑤ HOME
when Apple CarPlay or Android Auto available, hold the voice button to start the voice control function.

⑥ RESET
Restart Head unit.

⑦ USB
Insert USB device to this slot for digital files playback.(Note: the USB slot is intended for data transfer only, carplay,android auto and charging.

⑧ AUX
Insert an external device to this port in order to have sound output ofthat external device through the unit

4.MAIN MENU

CPAA-70D is a Two Din Car Audio with the following functions:

Apple CarPlay, Google Android Auto, Radio,Disc, Bluetooth Audio, USB.

The MODE icon in grey mean the corresponding function is not ready or proper device have not been connected.

Touch the corresponding MODE icon to enter playing mode.

without Apple CarPlay

with Apple CarPlay

with Android Auto

   Setup, to enter the Settings Menu.

   turn off TFT display. TFT enter black mode touch any zone return to TFT on.

5. Settings

Touch the   icon to enter the Setup menu.

The Setup menu is included Time Settings, Audio Settings, Disc Settings, General Settings, Wallpapers Settings.

Time Settings

The Time Settings allow the user to set, Date & Time.
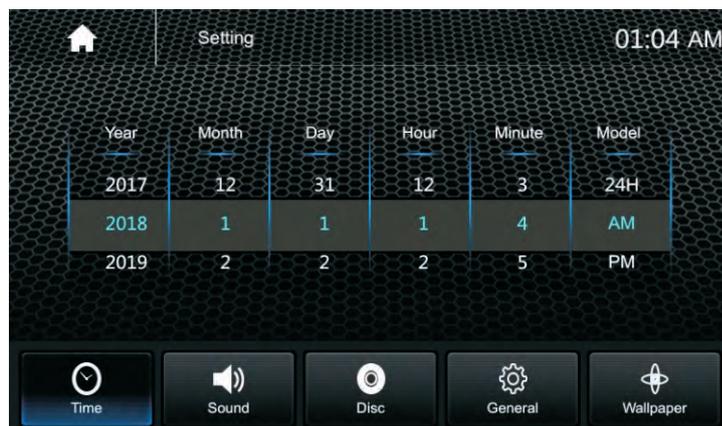
Audio Settings

Below shown is the Audio Setting Menu.
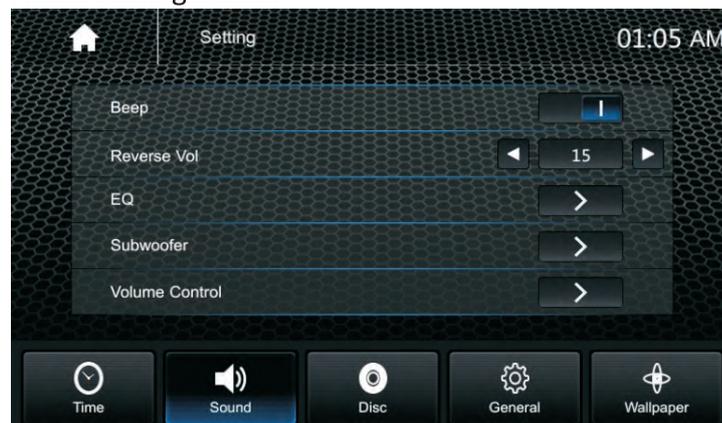
EQ setting

Balance/Fader:
Touch the + or – of Balance/Fade to tune for the driver and passenger preference.
The value of Balance (Left 15 – Right 15) and Fade (Front 15 – Rear 15)
Touch Reset to set both Balance and Fade to zero

.10-Band Equalizer
10 band of EQ tuning, slide the EQ bar to tune each band frequency
level according to user preference. Touch Reset to set all Band to 0 .

Disc setting
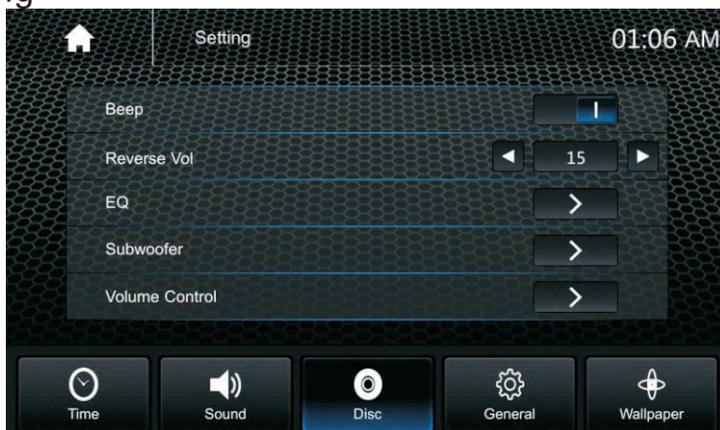
General Setting
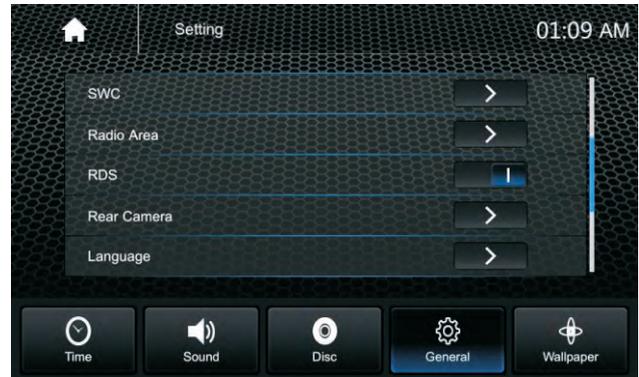
SWC study model
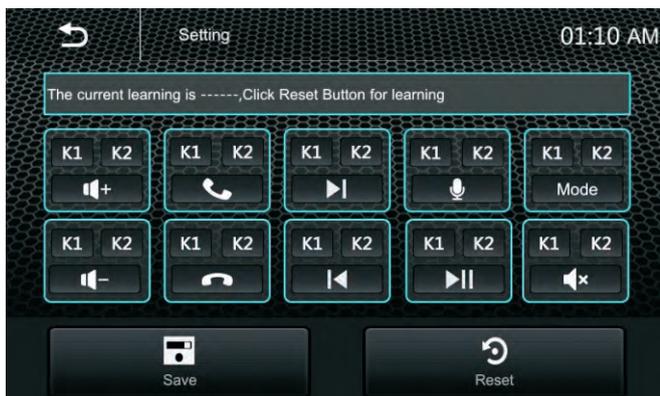
Radio Area
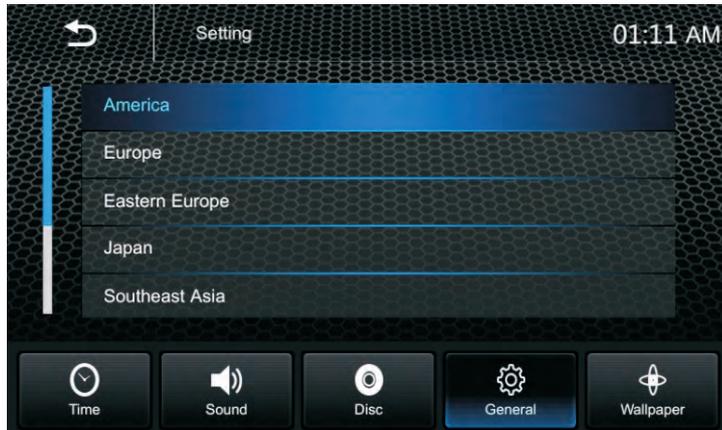
Serial & Version

Wallpaper

User can select the preset wallpaper.
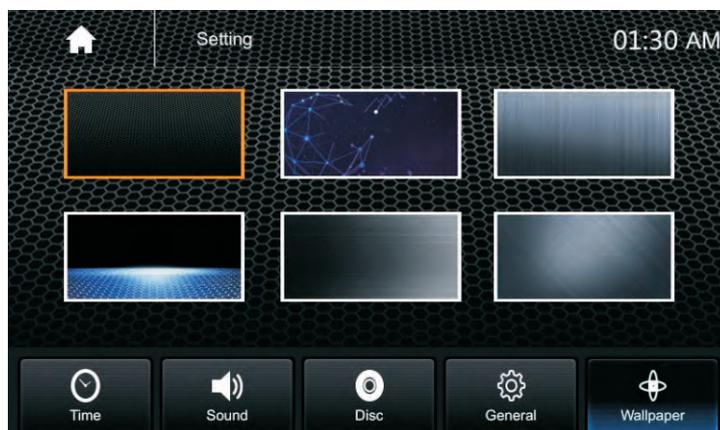
Touch the corresponding picture to select the prefer background.

Plug the iPhone (iPhone 5 or latter models, and iOS 7.1 or above) through the lightening cable to the USB port of the Head unit. The iPhone will be shown the "CarPlay". The Head unit will enter the CarPlay interface, the APP that support the CarPlay feature will be displayed on the Head Unit as shown below. Touch the corresponding APP can operation the operation, touch the [ ]   button to go back to the CarPlay interface.
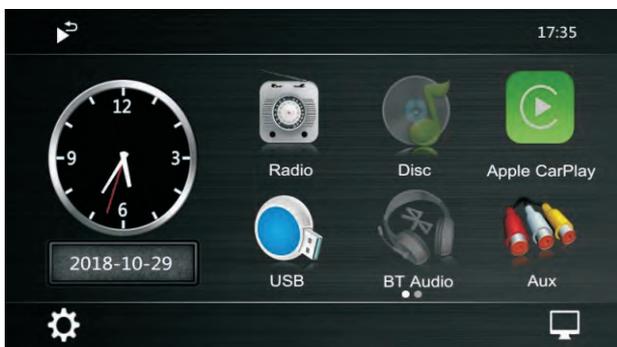
Siri

In CarPlay mode, user can talk to SIRI to control the CarPlay function. Press [ ] button to start the SIRI function, or touch the [ ] button for 2 second or the HOME button of iPhone in the CarPlay Home screen to talk to Siri for playing music, i will going ……

Notice: For the SIRI function in the Head unit, the Microphone has to been connected.

In CarPlay model, touch "Home/siri" button or [ ] icon to enter the Head unit main menu

6.2 Android auto Operations

Android Auto enables you to use functions of your Androd device convenient for driving. You can easily access route guidance, make calls, listen to music, etc. For details about Android Auto, visit https://www.android.com/auto/and https://support.google.com/androidauto.,

Compatible Android devices

You can use Android Auto with Android devices of Android version 5.0 or later.

Note: Android Auto may not be available on all devices and is not available in all countries or regions.

<u>Operations:</u>

1. Connect an Android device via USB terminal
   To use the hands-free function, connect the Android device via Bluetooth.
   When an Android device compatible with Android Auto is connected to USB terminal, the device is connected iva Bluetooth automatically, and the Bluetooth smartphone currently coonected is disconnected.
2. Unlock your Android device
3. To enter Android Auto mode, touch Android Auto icon in the head unit screen.
   You can perform the operations of the Apps of the connected Android device.
4. In Android Auto model, touch "Home" or ![icon] icon to the head unit main menu.

7. Radio Mode

Touch the Radio mode icon to enter Radio mode

FM1   Touch FM1 button to select FM1 BAND

AM1   Touch AM1 button to select AM1 BAND

BAND   Touch it to select the band,FM1->FM2->FM3->AM1->AM2

AS/PS   Touch it for the Auto Scan searching.

EQ   Touch it to enter EQ setting

LOC(DX)   Touch it to select loc or Dx

GOTO   Touch it to direct tune

    Short touch for Tune-, long touch for Seek-.

    Short touch for Tune+, long touch for Seek+.

87.50MHz   Preset channel, Six preset buttons store and recall stations for each band.

Store a Station

1. Tune radio to desired station.
2. Touch and hold the one of the preset channel button for more than 3 seconds, then the preset buttons will be highlighted on the screen, and the preset station will be store.

8.USB

Plug the USB to the connector, the USB icon will have color. Touch the USB icon to enter the USB playback mode. The Head unit default to play the Audio in the USB driver.
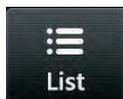
Press to search Audio, Video or Picture files.
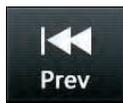
Short press it to skip to the previous track, long press it to fast reverse.
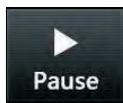
Pause/Play button.
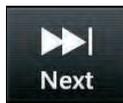
Short press it to skip to the next track, long press it to fast forward.

Press it to turn on/off random play.

Repeat Play Press it to select Repeat All, Repeat One or Repeat Directory.

Press it to select the Audio setting or set the prefer EQ of each band in Custom mode

Filelist browsing

CPAA-70D is default audio play back, it also support to play picture and video. If there is other multimedia files in the USB, touch to browse the folder and file list of the USB driver. Select the multimedia type

   Return to playing pervious file

   Select Audio or Music files

   Select Movie or Video files.

   Select Picture files
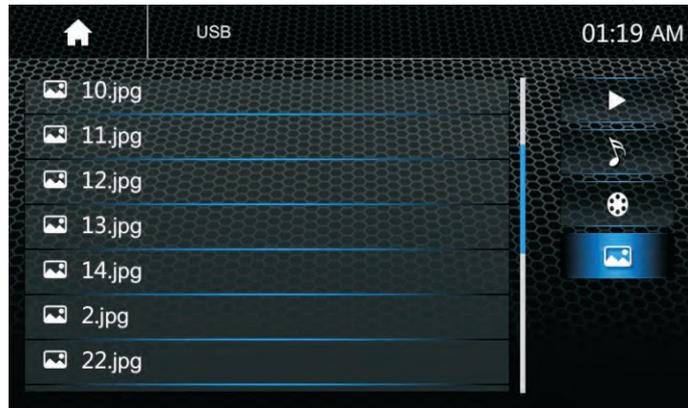
9.Disc
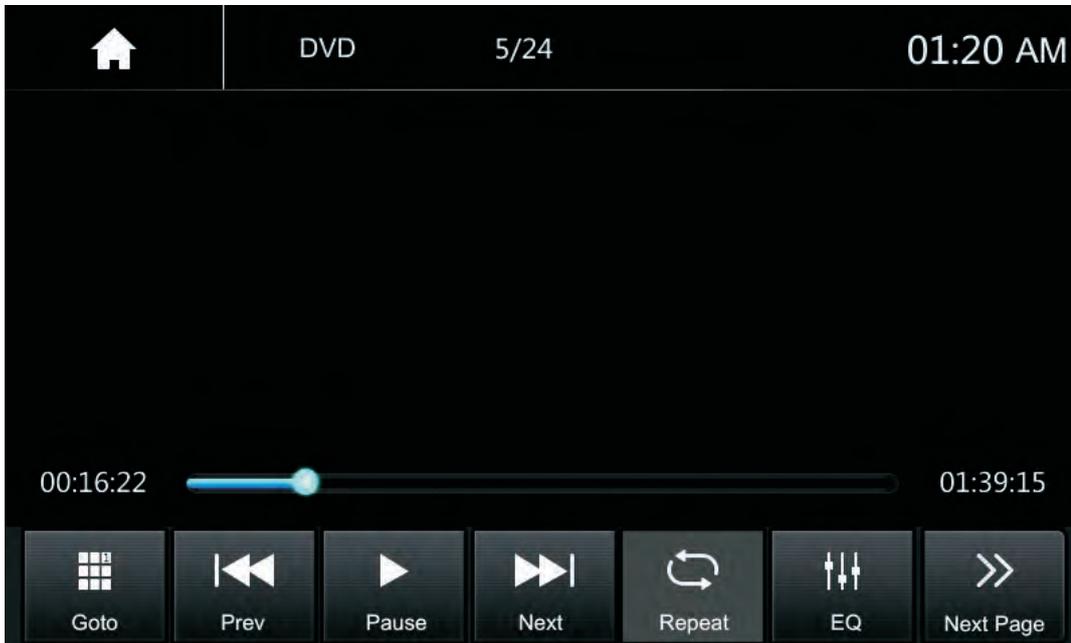
  Touch it to handle goto selecting
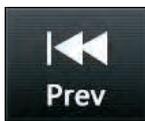
  Touch it to select previous chapter
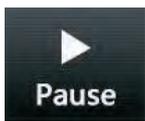
  Touch it to toggle play or pause
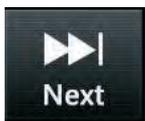
  Touch it to   select next chapter

  Repeat Press it to select repeat mode

  Press it to select the Audio setting or set the prefer EQ of each band in Custom mode
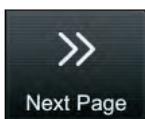
  Touch it to select the second page of the keypad
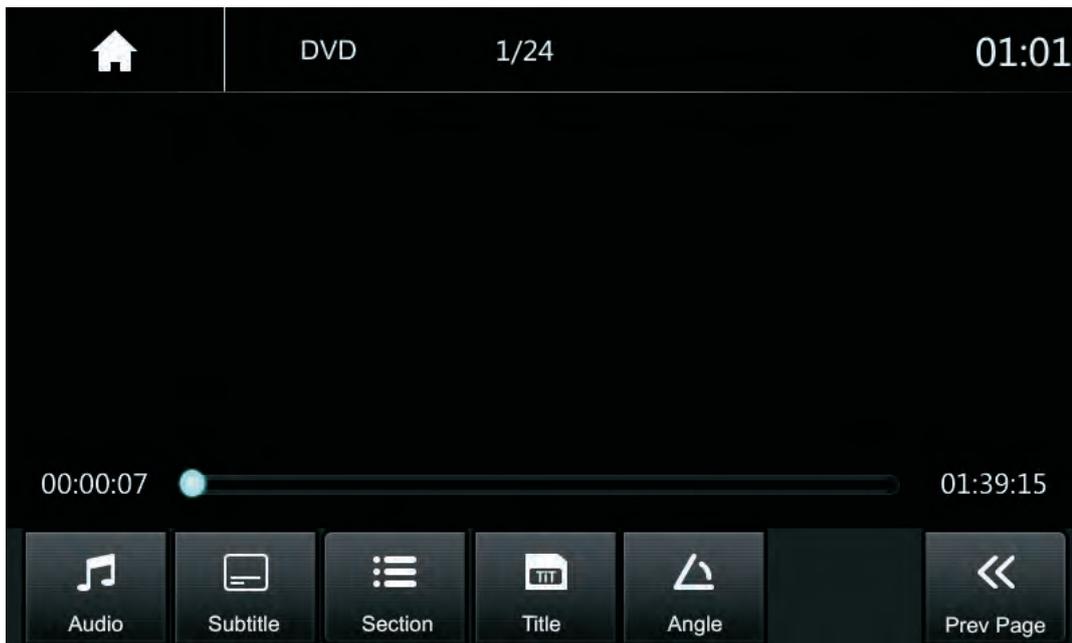
 Touch it to select audio language

 Touch it to select subtitle language

 Touch it to select section

 Touch it to show title menu

 Touch it to handle angle
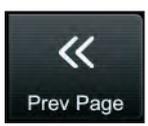
 Touch it to select the first page of the keypad

10.Bluetooth Audio

Touch the BT Audio icon to enter Bluetooth Audio playing mode. If the Bluetooth is connected, the music will be playing as following shown.
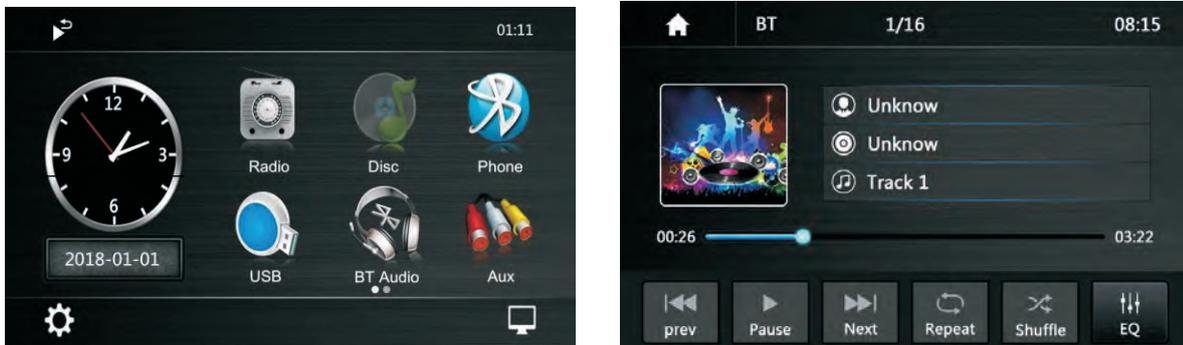
If the Bluetooth is not connected, press Reconnect to connect the paired phone or Pairing to pair the new device.

Bluetooth Pairing

Press Pairing the Pairing Mode screen will be shown as below

Turn On the Bluetooth of the Mobile phone/Bluetooth device, you can see the CPAA-70D.

Select the CPAA-70D for pairing and connection

Bluetooth Audio Playback
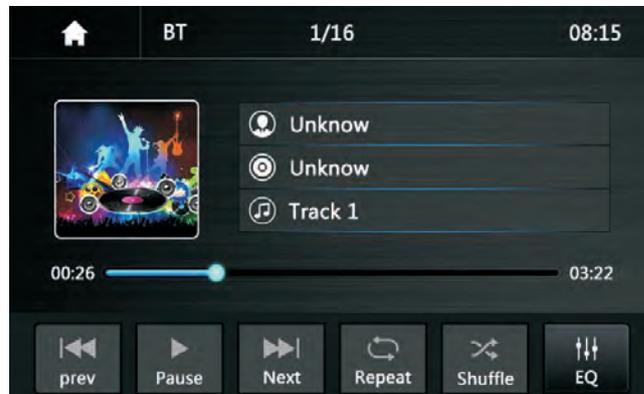
 Short press it to skip to the previous track.
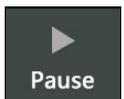
 Play / Pause button.
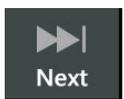
 Short press it to skip to the next track.

 Repeat, press for select between Repeat All, Repeat One or Repeat Directory

 Press it to turn on/off random play.

 Press it to turn on/off the Audio Settings menu to adjust the EQ.

11.   BT Phone

Touch the Phone icon in main menu to go to Phone mode. After the phone connected with the Head Unit via Bluetooth (HFP), user can through the Head unit to make a phone call. Please note it needs to connect the microphone for phone call.
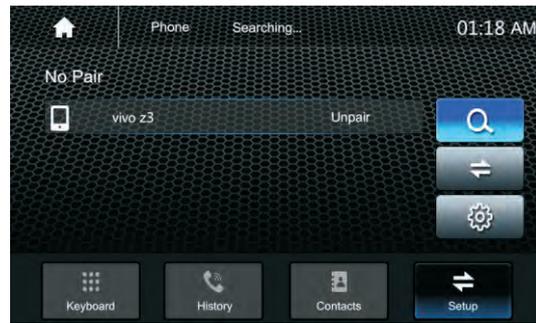
Dial Pad, tap Dial pad button to enter call mode

Call logs, to show the call record, missed, received and dialed calls
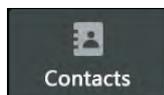
Contact, to show the phonebook connected phone

Show the usable devices

BT Setup, to set auto answer and load phonebook

Search the available device

Manage the connected device

Dial a Call
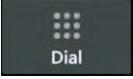
1. Touch the [Dial]   icon to the above screen will appear.
2. Using the keypad, touch 0-9,*, #, to enter the phone number you wish to dial. If you enter

an incorrect number, touch the [×]   icon on the keypad to delete the incorrect number.

3. Once the correct number appears on the screen, touch the [phone]   icon. To go back dialing interface, touch the return icon at the upper right corner of the screen.

4. To end the call, touch the [end call]   on the screen

Receive an incoming Call

If the Phone is connect with the unit via Bluetooth, when an incoming call, the below screen will be shown

Press to receive the Call or to hang the call

 Interchange between phone and head unit

 ON/OFF the Microphone function

 Display the Dial Pad

Call Logs

Touch the [Recents] icon to display the Call Combined list.
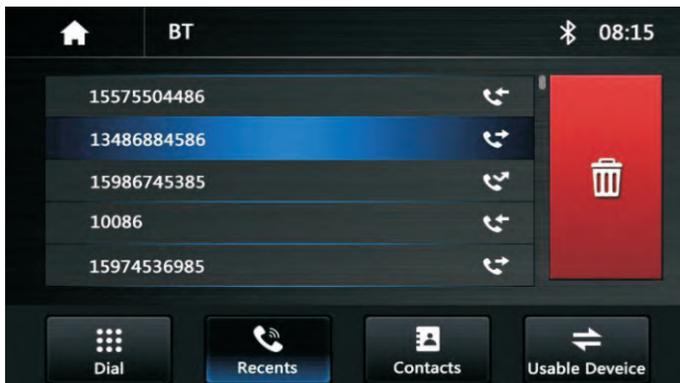
Slide the bar at right side up and down to display a Call logs up to 20 records.

Contacts

Touch the [Contacts] icon to access the phone book of the connected phone.

To make a call from the phone book, simply touch the contact name.

BT Setup

BT   On/Off , power on or off BT function

Auto Answer   On/Off, coming call auto answer

AutoLoadpbk   On/Off, when connect phone auto load phone book on or off

Loadpbk   load phone book

12.   AUX IN

The Audio/Video source with RCA cable can through the Head unit to play the Audio/Video. Plug the RCA to the corresponding A/V socket.

touch   to view the playing Audio/Video.

The Audio and Video will via the RCA cable to the Head unit

13.   Android Auto

The NA6605 have the Android Auto function to allow the Android 5.0 or above smartphone display on the Head unit screen.
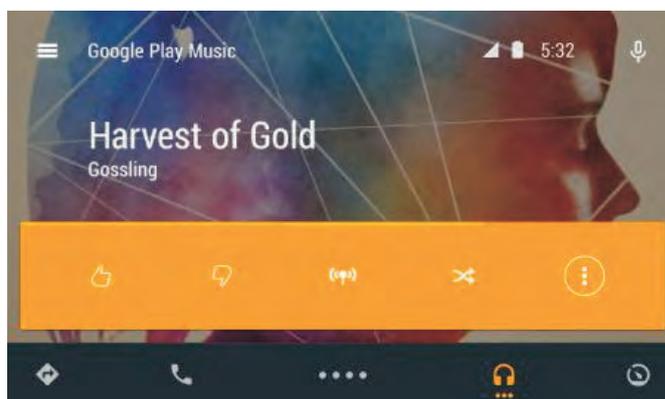
Install Android auto

User need to install the Android Auto App to the Android phone. When the Android phone first time connected to the NA6605 via USB, the phone will show a website link to download the Android Auto application pack from Google Play. Download and install the apk file on the Android phone. After installed the Android Auto, the Android phone can use the Android Auto function.

Connection

Connect the Android phone and head unit via USB cable, the Android phone display will be shown on the Head unit screen. User also allows using the touch panel of the head unit to control the Android phone.

14.   Specification

General

Power Supply ....……….. DC10~16Volts

Grounding System ....….. Negative Ground

Current Drain .... 15A(Max.)

Power Output .... 4×40W/channel(Max.)

Speaker Impedance .... 4 ohms per channel

Frequency Response.. 20Hz~20KHz

Operating Temperature .... -20~+60℃

Dimensions .... 175mm(W)×175mm(D)×100mm(H)

TFT Display

TFT Screen size... 6.88 inch

Resolution...1024x600 pixels

FM Radio

Frequency Range (USA) ....…87.5~107.9MHz

Frequency Range (Europe) ....….87.5~108MHz

Usable Sensitivity (S/N=30dB)..≦ 15dB

S/N Ratio...≧ 55dB

Stereo Separation...≧ 30dB

AM/MW

Frequency Range (USA) ....530~1710KHz

Frequency Range (Europe) ....522~1620KHz

Usable Sensitivity(S/N=20dB)...≦ 40dB

S/N Ratio...≧ 45dB

Line-Out/Subwoofer Output

Maximum Output Level (10K ohms load)....................................≧ 4Vrms

Subwoofer Time Align...0~18ms

FCC Notes

WARNING! 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.

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.