SOUNDSTREAM
R E S E R V E

AV Center

2-DIN DVD Headunit

2 DIN 7" Monitor
Touch screen
DVD/CD/MP3/MP4/
USB/SD
AM/FM Radio
Support Apple CarPlay™
Support Android Auto™
Support Bluetooth
Sirius xm ready

Works with Apple CarPlay

androidauto

(((SiriusXM)))
READY

Bluetooth

X300 WATT
4CH. AMPLIFIER

SDHC™

aux Input

VRCPAA-7D

Content

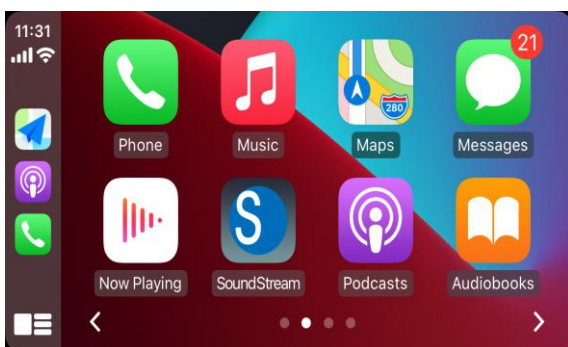# 1. Appearance

Appearance

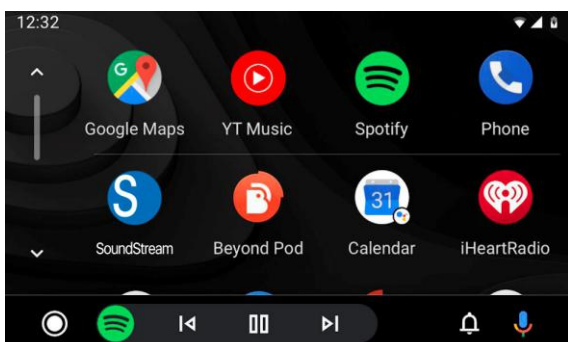### Main Menu

Slide Left to display 2nd page

Slide right to display 1st page

Carplay Menu

Android Auto Menu
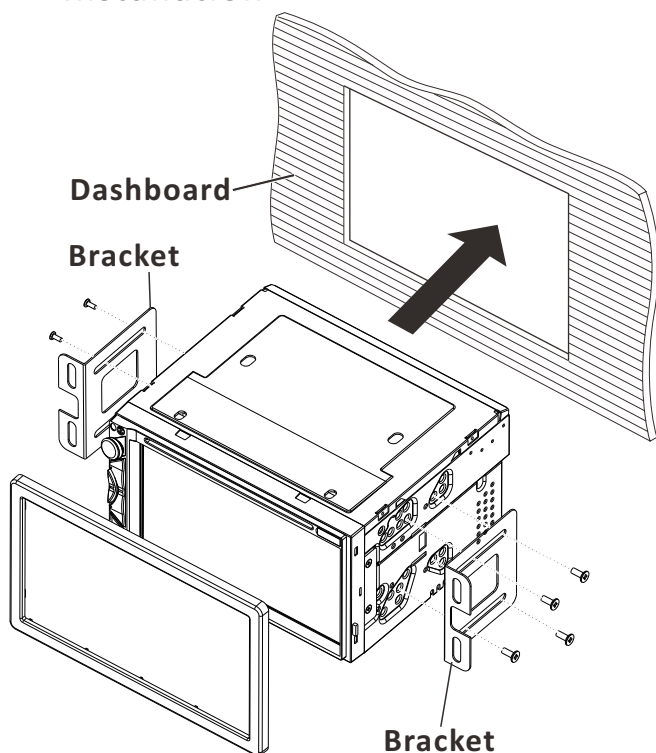

2. Accessories & Installation

Accessories & Installation

Package contains the following accessories for installation and operation of the unit.

(1)	Mounting bracket	2	
(2)	Screw	8	
(3)	Remote	1	
(4)	Trim Ring	1	
(5)	User Manual	1	
(6)	Warranty Card	1	
(7)	ISO Cable	2	
(8)	Harness cable	1	

2. Accessories & Installation

Installation

Dashboard

Bracket

Bracket

Installation

1. Put the 2 brackets to the left and right side of the headunit.
2. Use screws to fix the brackets to the unit.
3. Install the body chassis into the dashboard via the 2 brackets.
4. Install the trim ring to the body chassis.

Note:

1. Make sure the ignition is turned off, and disconnect the cable from the vehicle battery's negative (-) terminal.
   You never want electricity running when you install this 2-DIN car receiver.
2. Before installation, disconnect the wire harness and the antenna.
3. Attach the brackets on the both sides of the car receiver with screws as shown as the installation drawing. Please buy from your dealer according to the drilling of holes size.

4. Consult with your nearest dealer if installation requires the drilling of holes or other modification of the vehicle.
5. Install the car receiver in the dashboard.
6. Connect the wire harness & antenna to the car receiver being carefully not to pinch any wires or cables.
7. Install the plastic outer trim ring onto the car receiver.
8. Reconnect the battery and run through all of the options on this car recei ar you intend to install it in. Please choose the correct installation method according to the actual situation of your car. Always contact the car dealer or manufacturer if you have any questions.
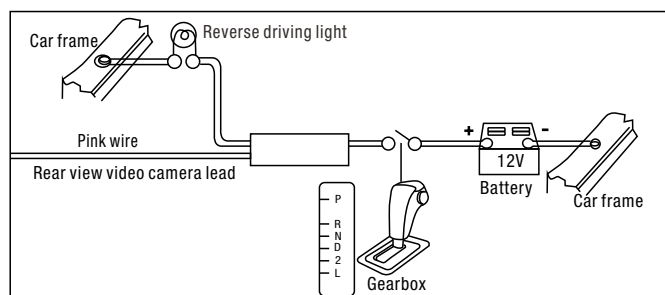
Parking wire

Note: The parking wire is connected with brake signal; for safety, the programs can be seen on the monitor after braking the car..

Note: To watch video the parking wire should be connected to brake signal.
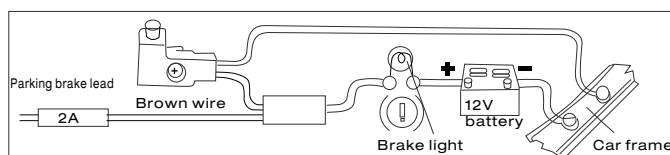
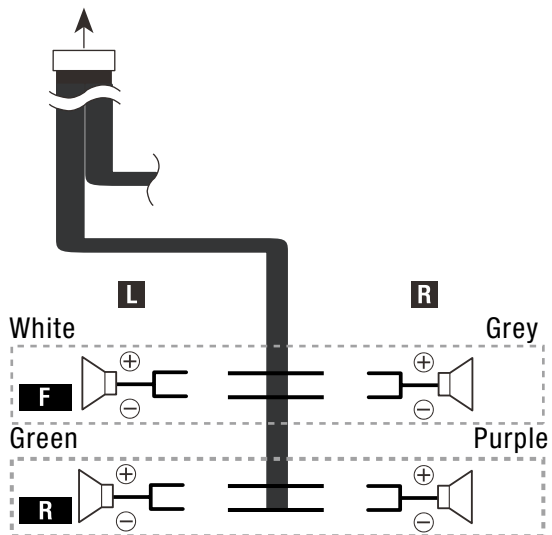

Connecting the reversing line to taillight on the car

After connecting, when you start up the reverse gear, the unit will receive the picture from car rear view camera.
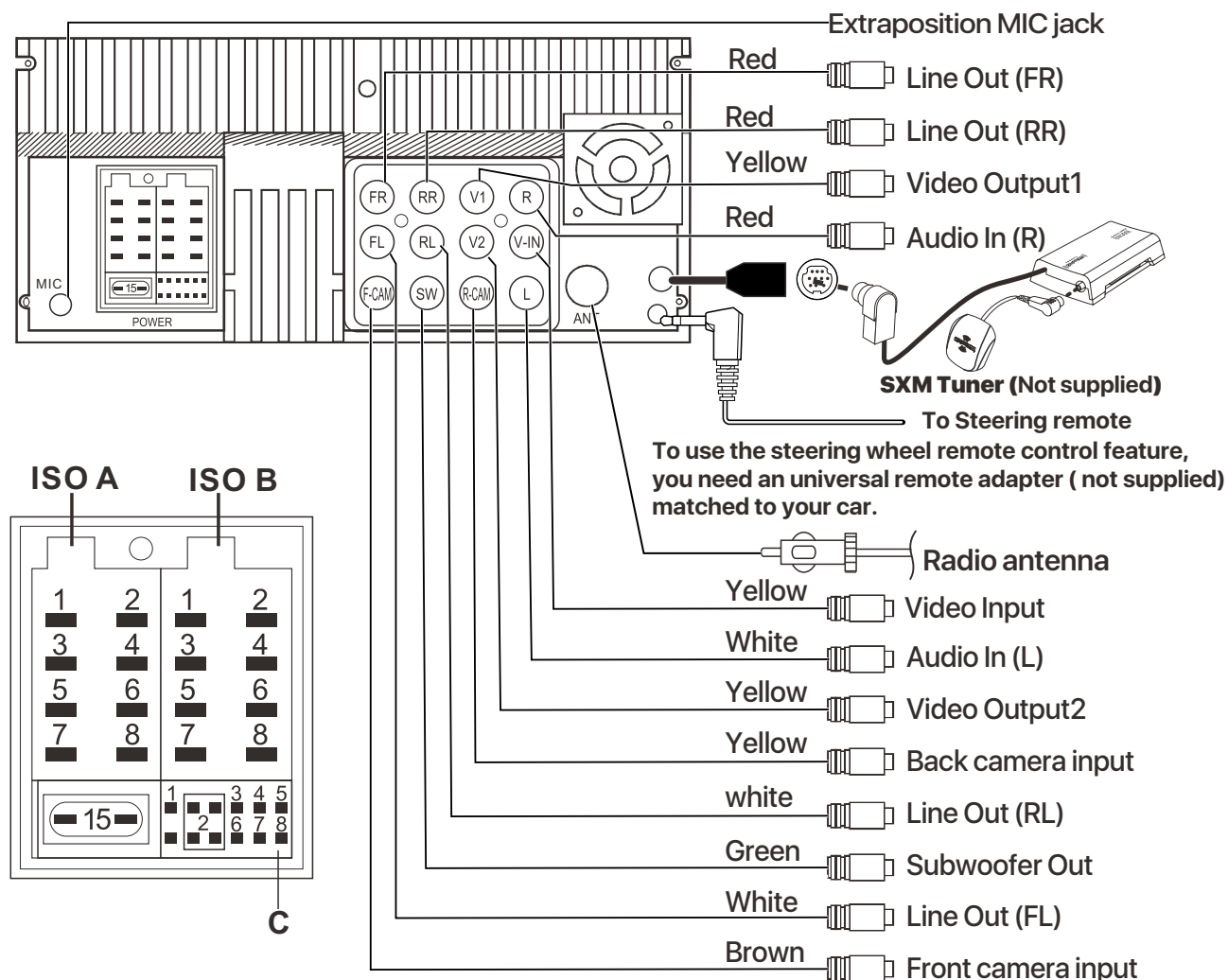
3. Wiring

Speaker Connection

Connect the speakers according the following diagram, incorrect connections will damage the unit or your loudspeakers.
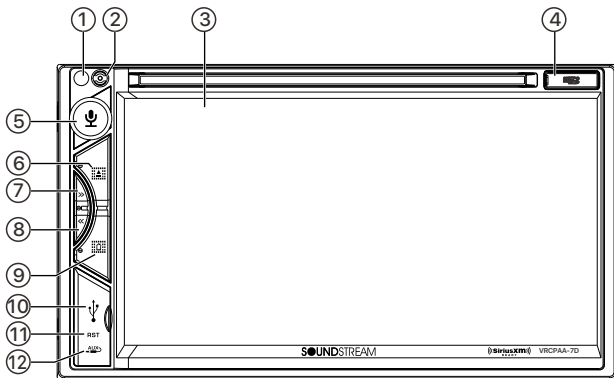

White   Grey

Green   Purple

3. Wiring

Extraposition MIC jack

Red — Line Out (FR)
Red — Line Out (RR)
Yellow — Video Output1
Red — Audio In (R)

SXM Tuner (Not supplied**)**

To Steering remote

To use the steering wheel remote control feature, you need an universal remote adapter (not supplied) matched to your car.

Radio antenna

Yellow — Video Input
White — Audio In (L)
Yellow — Video Output2
Yellow — Back camera input
white — Line Out (RL)
Green — Subwoofer Out
White — Line Out (FL)
Brown — Front camera input

ISO A   ISO B

C

Portion		Colour	Connection
ISO A	A3	Yellow	Battery B+
	A5	Orange	ILL B+
	A6	Blue	Antenna
	A7	Black	Ground
	A8	Red	ACC B+
ISO B	B2	Purple	Rear right speaker(+)
	B1	Purple / Black	Rear right speaker(-)
	B4	Grey	Front right speaker(+)
	B3	Grey / Black	Front right speaker(-)
	B6	White	Front left speaker(+)
	B5	White / Black	Front left speaker(-)
	B8	Green	Rear left speaker(+)
	B7	Green / Black	Rear left speaker(-)
8 Pin connector	C1	Blue / White	Amplifier control(B+)
	C3	Brown	Brake detect (Ground)
	C4	Pink	Back car control(Back camera B+)
	C5	Pink / Black	Front camera(B+)
	C6	Black	Ground
	C7		
	C8		

4.Front panel Description

Front panel

Press and hold to seek downward or upward.

[Disc/USB/SD Music] Press repeatedly to shift track previous or next for playback. Press and hold to active various fast rewind or fast forward speeds for playback.

**[Bluetooth Music]** Press repeatedly to shift track previous or next for playback.

①	**IR Sensor** of Remote IR remote control signal receiving window.
②	**Mic** Build in Microphone.
③	7 inch TFT LCD
④	**Micro SD** slot Insert micro SD for playback.
⑤	**Rotary Control** **On/Off button** Short press to switch On the source unit. Long press to switch Off the source unit (When unit is working). In operation, rotate to adjust the sound output level. **Siri button** When Apple CarPlay or Android Auto available, hold Siri button to start the voice control function.
⑥	Eject Button Press to eject the disc.
⑦ ⑧	**≪ / ≫** button **[Radio]** Press to select previous/ next preset radio station for broadcasting.

⑨	**HOME** button Press to back to Main menu.
⑩	**USB** port Connect USB for digital playback. Connect your iPhone for Apple CarPlay. Connect your Android Phone for Android Auto.
⑪	**Reset** button Press to default factory settings.
⑫	**AUX in** jack Insert an extrenal device to this port in order to have sound output of that external device through the unit.

5.REMOTE CONTROL
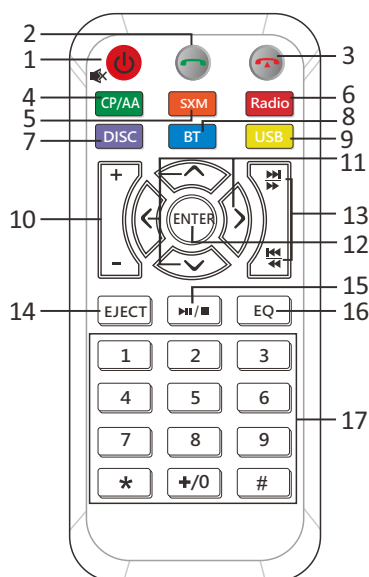
1.
⏻ / 🔇

Press and hold to power it on or off. Short press this button mute the volume output when unit turn on. Long press is Power OFF function when unit turn on.

2.
☎

[Bluetooth]: Press it to make a call after inputted a phone number or answer an incoming call.

3.
☎

[Bluetooth]: Press it to reject a coming call or hangup while calling

4.
CP/AA

Press it to switch to CarPlay or Android Auto mode; Head Unit will show string "invalid operation" when CP/AA is not pluged in Head Unit.

5.
SXM

Press it to switch to SXM mode.

6.
Radio

Press it to switch to RADIO mode.

7.
DISC

Press it to switch to DVD mode.

8.
BT

Press it to switch to Bluetooth mode.

9.
USB

Press it to switch to USB mode.

10.
VOL+/-

Press it to increase or decrease the volume level.

11.
∧/∨/〉/〈
〉/〈

It is UP /Down/Left/Right Arrow, use this button to select the menu item, the title track or to show next frame. **[Radio] Press to seek upward/ downward.**

12.
ENTER

Press it to confirm selection.

13.
▶▶|/◀◀
▶▶ / |◀◀

[Radio] Press to select next/ previous preset radio station for broadcasting.

[DVD/USB/SD]: short press it to skip to the next track or previous functions.
Long press to activate fast forward or fast review in a track.

[Bluetooth Music]: short press it to skip to the next track or previous functions.

14.
EJECT

Press it to eject the disc.

15.
▶||/■

[DVD/USB/SD]: short press it to switch play or pause.

16.
EQ

Press it to Equalizer functions .

17.
0-9
*
#

[Radio]: Select 1-6 desired preset station.
[DVD/SUB/SD]:Input 0-9 for selecting track number.

[BT Phone]:Input 0-9/*/# for desired phone number.

Note: 1. SXM just for include SiriusXM function models.
2. * # ☎ ☎ these functions for Bluetooth.

6.MAIN MENU

VRCPAA-7D is a 2-DIN car audio with following functions:
Apple CarPlay, Google Android Auto, Radio, SXM ready,Disc, Bluetooth, USB, SD.
The Mode icon in gray means the corresponding function is not ready or proper device have not been connected.
Touch the corresponding Mode icon to enter playing mode.
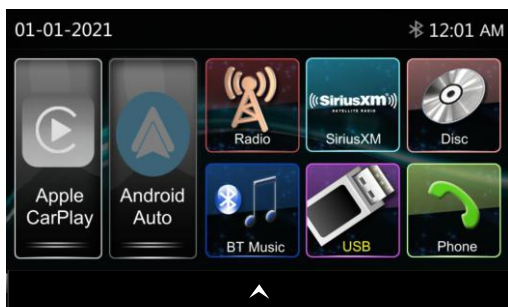
Hidden soft button bar

A hidden pop up soft button bar is located at the bottom. Touch the icon ⋀ to shown the soft button bar. Touch the ⋁ to hidden.

|	
⌄	Hidden the pop up soft button bar.
⌃	Pop up the soft button bar.
⚙	Setup, to enter the Settings Menu.
✋	AUX IN, to enter the AUX and A/V IN interface
☼	Dimming, to change Daylight or Night (If lighting detect is OFF in Display Setting)
✳	Bluetooth pairing.
◉	Front Camera, to enter the front camera.
♒	EQ, to enter the Equalizer setting mode.
🖥	Turn off TFT display. TFT enter black mode touch any zone return to TFT on.

7.Settings

Touch the 🔘 icon to enter the Setup menu.
The Setup menu is included System Settings, Display Settings, Audio & EQ Settings, Disc & DVD Settings, Bluetooth Settings and Rear Camera Settings
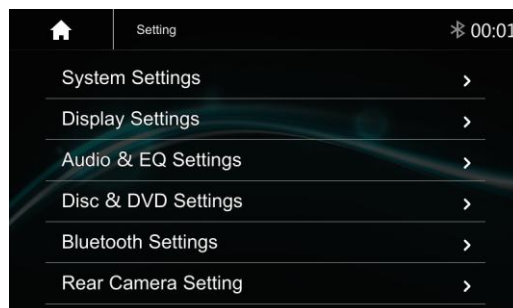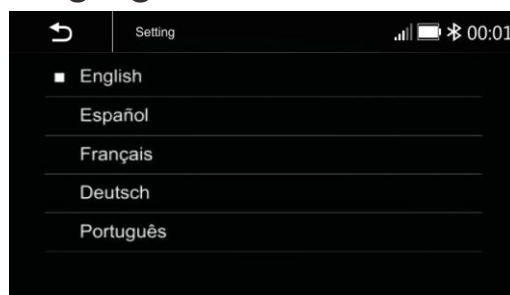

System Settings

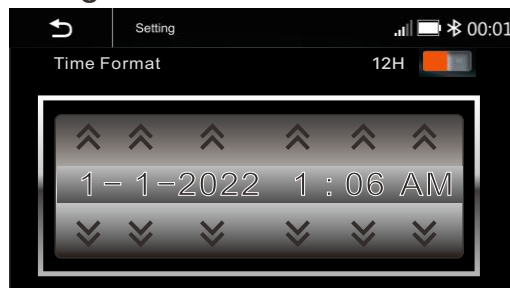The System Settings allow the user to set up the Language, Date & Time, Key Beep, SWC, Factory Reset and About
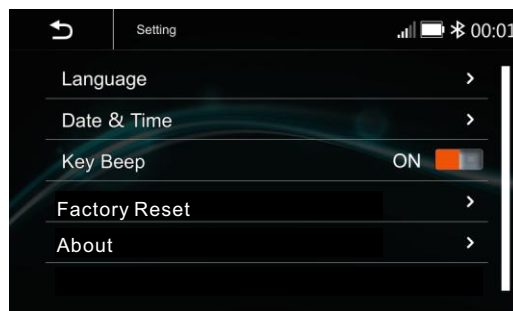
Language

Date & Time:

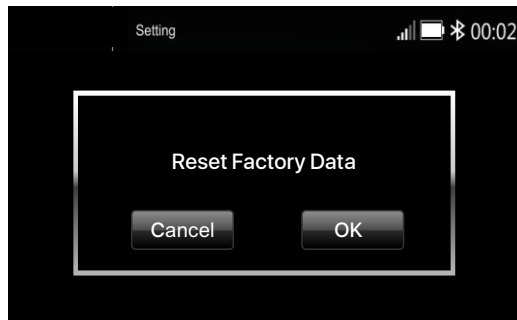To setting Time display format (12H or 24H), setting the date and time

Key Beep: On/Off

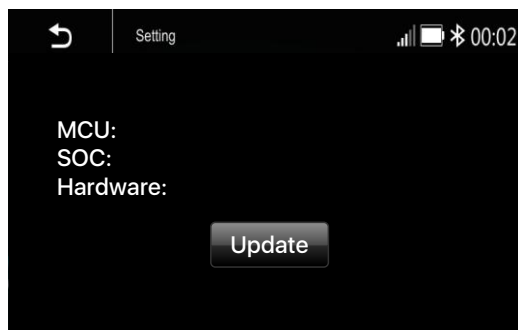To set the touch button beep tone **On** or **Off**.

Factory Reset
To reset the default factory setting.

About
To display the Unit Hardware and Firmware version.

Display Settings :
Below is the Display setting menu, user can select Lighting Detect, Daylight Dimming Level, Night Dimming Level, Illumination and Wallpaper.
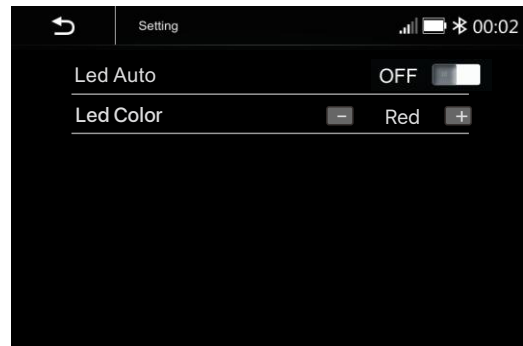

Lighting Detect: On/Off
Daylight Dimming Level: 8 – 15
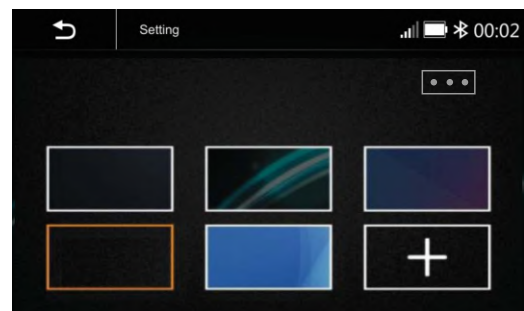Night Dimming Level: 0 – 8
Illumination

Led Auto: On/Off .
ON: The Led color will change automatically.
OFF: You press the button ☐ or ☐
to select desired color.
Color: White / Red / Yellow /Blue / Green /
Purple / Light Green

Wallpaper
User can select the preset wallpaper or select the picture in USB driver as the wallpaper.

Touch the corresponding picture to select the prefer background.
Touch " + ", the head unit will search the USB photo file for wallpaper.
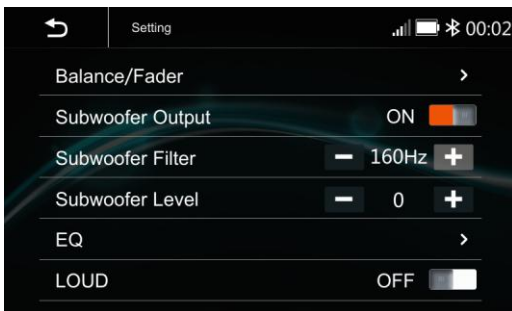Select a picture and touch OK to add the wallpaper.

☐☐☐   Touch to select other picture for wallpaper.

Audio & EQ Settings:

Below shown is the Audio Setting Menu.

Balance/Fader:

Touch the + or – of Balance/Fade to tune for the driver and passenger preference.
The value of Balance (Left 12 – Right 12) and Fade (Front 12 – Rear 12)
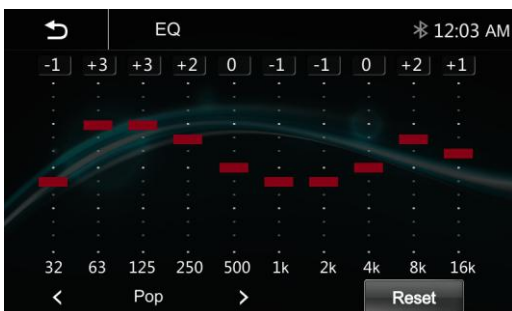Touch Reset to set both Balance and Fade to zero.

Subwoofer Output: On/Off
Subwoofer Filter: 50Hz/ 80Hz/ 120Hz/ 160Hz
Subwoofer Level: -10 – +10

10-Band Equalizer :

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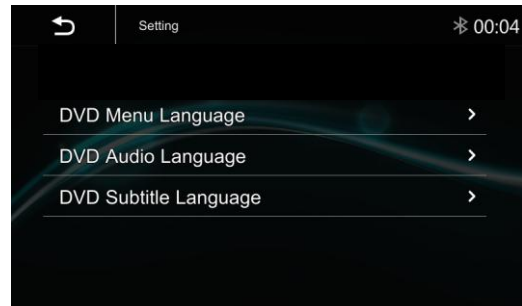Touch Reset to set all Band to 0.

Or user can touch ″<″ or ″>″at the bottom to select the following preset EQ:
off/ Soft Rock/ Pop/ Electric/ Jazz/ EQ Custom.

LOUD: On/Off

Disc & DVD Settings :

Touch the Disc/DVD Settings from the menu to enter the Disc/DVD setting interface.

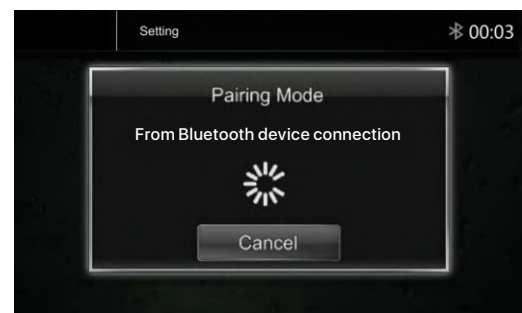Touch to select the desired language.

Bluetooth Settings :

Touch the Bluetooth Settings from the setting menu will be shown below.

Connection: On/Off (Select Bluetooth connection on or off)
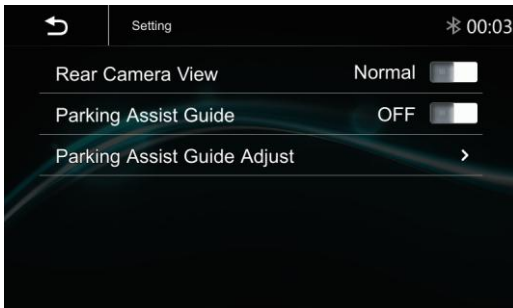**Pairing** : (To start the pairing)

Device Name: shown the connected phone or device
Clear Records: (To clear the device list records)

Rear Camera Setting:

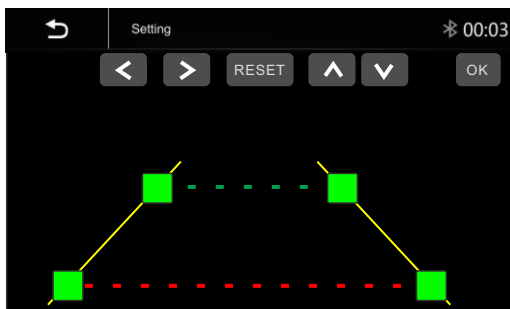Touch Rear View Camera in the Setting Menu to enter rear camera setting interface as follow:

Rear Camera View: Normal/Reverse
Parking Assist Guide: On/Off
Parking Assist Guide Adjustment
Touch ˝>˝to enter Parking Assist Guide Adjustment interface to show the below screen：

Select the adjust position and Touch
 ‹ / › / ∧/ ∨   to adjust.
Touch OK to confirm.
Touch Reset to resume the default Parking Assist Line.

8.1 Apple Carplay

Plug the iPhone (iPhone 5 or latter models, and IOS 7.1 or above) through the lightening cable to the USB port of the source unit. The iPhone will be shown the "CarPlay". The source unit will enter the CarPlay interface, the APP that support the CarPlay feature will be displayed on the source unit as shown below. Touch the corresponding

APP can operate, touch [⬜] button to go back the CarPlay interface.
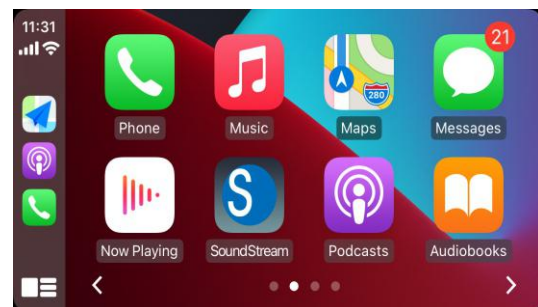
Siri

In Carplay mode, user can talk to SIRI to

control the CarPlay functions. Press 🎤 to start the SIRI function, or touch the [⬜] button for 2 seconds or the HOME button of iPhone. Now you can talk to Siri for playing music, I am going....
Note: For SIRI function in the source unit, the Micriphone has to be connected.
In CarPlay mode, touc"Home" button or

[S] icon to go back the main menu of source unit.

8.2 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
or
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.

Operations:

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 smartphon currently conected 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" to the head unit main menu.
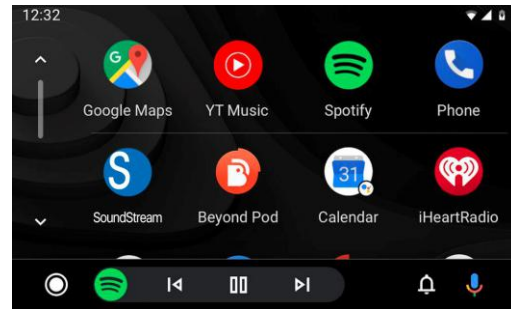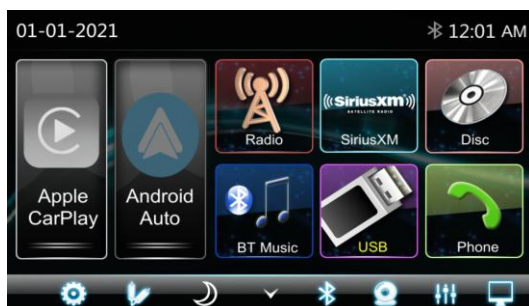
Radio mode

Touch the Radio mode icon to enter Radio.

FM1	Touch FM can change between FM1=>FM2=>FM3 .
AM1	Touch AM can change between AM1=>AM2.
PS	Touch for Prescan search, each scanned station will be play for 10 seconds, touch again to stop.
🔍	Touch to auto scan searching.
𝍷	Touch to enter EQ settings.
(ⵯ)	Touch to switch LOCAL or DX.
⚙	Touch to enter Radio settings.
⏮	Short touch to Seek-, long touch for Tune -
⏭	Short touch to Seek+, long touch for Tune+

Preset channel, Six preset buttons store and recall stations for each band. Touch and slide the preset channel can switch to next band FM1 / FM2 / FM3 or AM1 / AM2.

Store a Station

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

Radio Setting

Radio Area: select the region, America/ Europe/Eastern Europe/ Japan/Southeast Asia/Latin America/Asia / Australia.

RDS：Swithc ON or OFF.
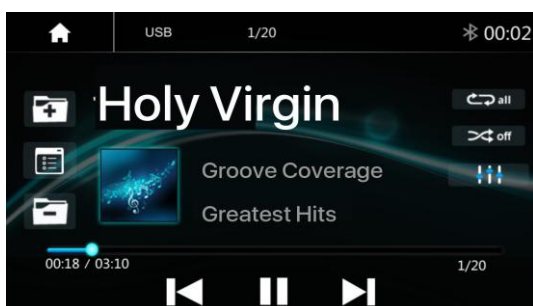
TA：Swithc ON or OFF.

AF：Swithc ON or OFF.

PTY：Select PTY list.

Note: AF is only for Europe region.

USB

Plug the USB , the USB icon will be colorful. Touch the USB icon to enter the USB playback mode. The source unit default the play the Audio in the USB device.

Press to go to the next folder.

Press to search Audio, Video or Picture files.

Press to go to the previous folder.

Short press to skip previous track, Long press to fast reverse.

Play or pause button.

Short press to skip next track, Long press to fast forward.

Press to select Repeat All > Repeat 1> Repeat directory> Repeat all.

Press to switch Random is On or Off.

Press to select Audio setting or set the prefer EQ of each band in custom mode.

File List browsing

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

Touch   to browse the folder and file list of the USB device.
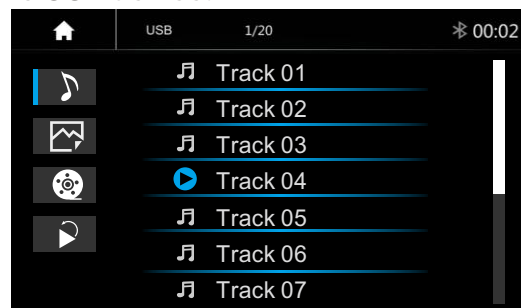
Select Audio or Music files.

Select Picture files.

Select Movie or Video files.

Return to playing previous file.

Picture Playback

14

⟲90° Touch to rotate the picture anti-clockwise for 90 degree (for picture playback)

⟳90° Touch to rotate the picture clockwise for 90 degree (for picture playback)
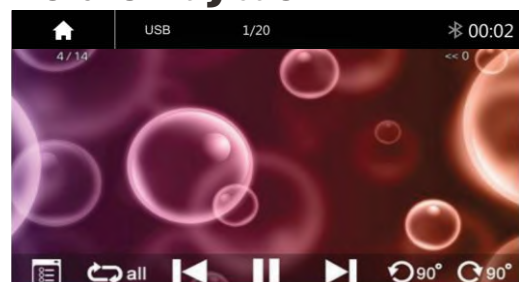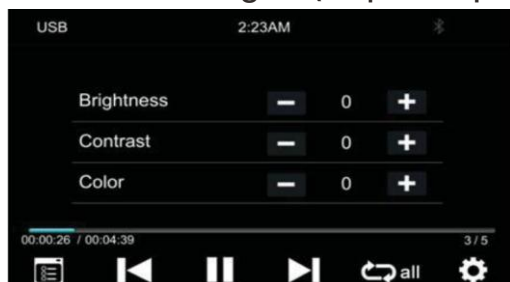
**⚙** Touch to set the video Brightness, Contrast and Color (for video playback)

DISC
Inserting a Disc

Insert a Disc to the slot of the head unit, pull the disc or press the Eject button to make the disc into the deck. Touch the Disc to perform Disc playing function.

Ejecting a Disc

During disc playing or inside the deck, press the Eject button to stop playing the disc and eject the disc. After the disc is ejected and press the Eject button, the disc will go inside to the unit.
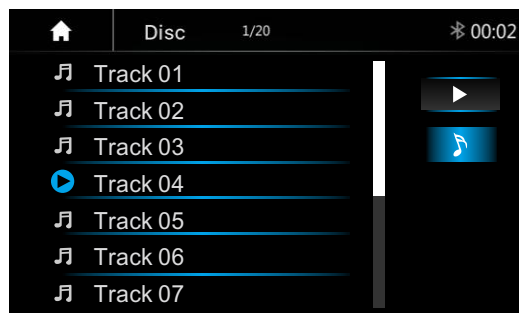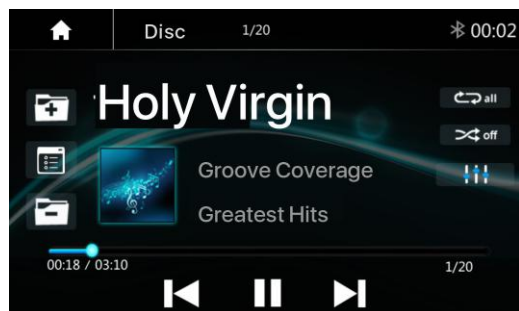
Note: The operation for buttons will be same as USB music playback.

DVD Playback

The Video display can be watched only during the Car is Parked.
Parking wiring: High level (+12v or NC) is driving; low level (ground) is parking.
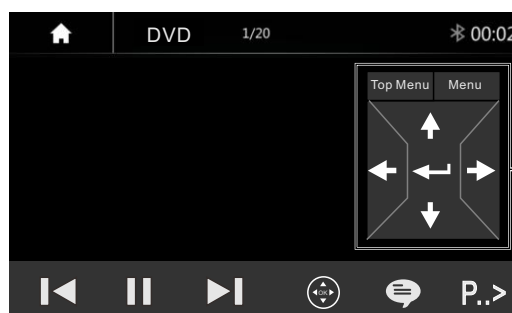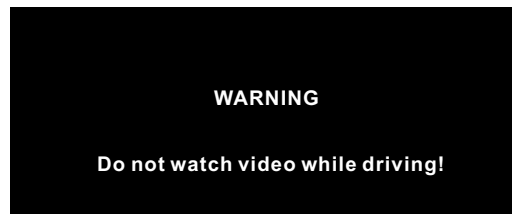
Disc Menu button
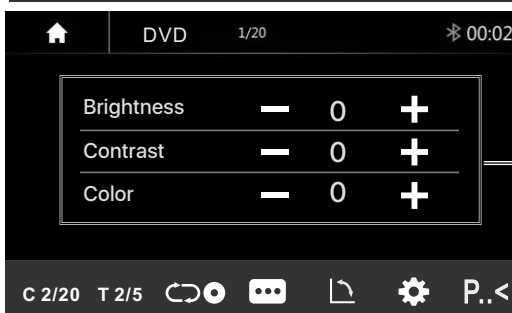
settings

◄◄ Short press it to skip to the previous track, long press it to fast reverse.

►/II Pause/Play button.

►►I Short press it to skip to the next track, long press it to fast forward.

💬 Touch it to select subtitle language .

⊕ Touch to this button and touch again on screen to pop-up the disc menu.

P..> Touch it to show the tools bar.

C 2/20 Touch it to select Chapter

T 2/5 Touch it to select Title.

⟲● Press it to select repeat All, Repeat One and Repeat Off

••• Touch it to select Sub-Title.

⌐ Touch it to change the viewing angle.

P..< Touch it to hide the tools bar.

Bluetooth Phone

Touch the Phone icon in main menu to go to Phone mode. After the mobile phone is connected with the source unit via Bluetooth (HFP), user can through the source unit to make a phone call. Please note it needs to connect the microphone for phone call.

 Keyboard. tap it to enter call mode.

 History, to show the call record, missed, received and dialed calls

 Contact, tap to show the phone-book connected phone.

 BT Setup, to set auto answer and microphone gain.

 Make a Call or Accept the Incoming Call.

 Backspace, to clear the pervious dial digit.

Make a Call

1. Touch the icon to enter below screen.
2. Using the keypad, touch 0-9,*,#, enter the phone number you wish to dial. If you input 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 icon. To go to dialing interface.

4. To end the call, touch the icon on the screen.
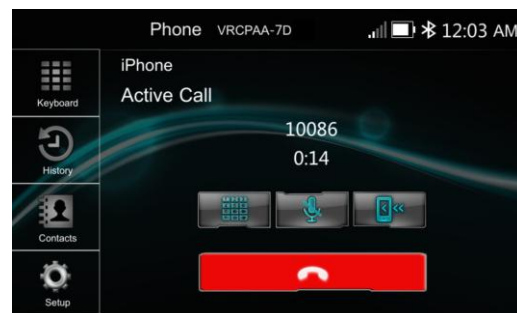
Receive an incoming call

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

Press to answer the incoming call.

Press to reject the incoming call.
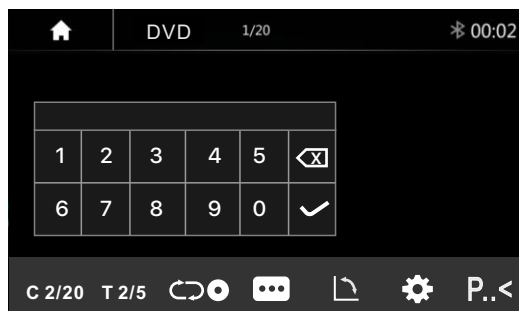
Direct search

1. Touch the button " C 1/2" or "T3/3" to select a chapter or title directly using the on-screen display direct entry menu display. Enter the Direct Search menu,
2. Enter the chapter or Title Digital, touch ☑ to confirm.

Playing Multimedia Files in Disc
Source unit is supporting the below disc types and Multimedia file format.

Note:
the operation for buttons will be same as USB playback.

Bluetooth Music
Touch the BT Music icon to enter Bluetooth Music playing mode. If the Bluetooth is connected, the music will be playing as following shown：

Bluetooth Music Playback
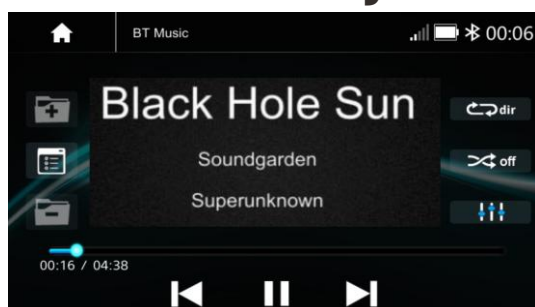
|	
Press to go to the next folder.
Press to search Audio, Video or Picture files.
Press to go to the previous folder.
Short press to skip next track, Long press to fast forward.
Play or pause button.
Short press to skip next track, Long press to fast forward.
Press to select Repeat All > Repeat 1> Repeat folder> Repeat Off.
Press to switch Random is On or Off.
Press to select Audio setting or set the prefer EQ of each band in custom mode.

Bluetooth Connect
If the Bluetooth is not connected, press Re-connect the paired phone or paring to pair the new device.

Bluetooth Pairing
Press Pairing the Pairing Mode screen will be shown as below:
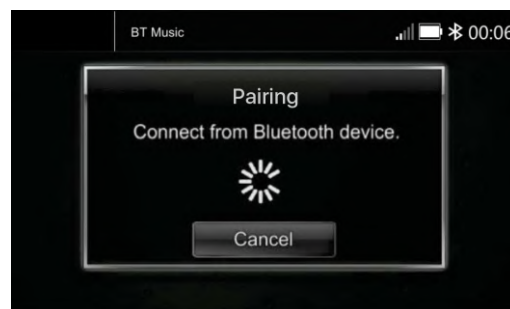
Turn On the Bluetooth of the Mobile phone/ Bluetooth device, you can see the VRCPAA-7D. Select the VRCPAA-7D for pairing and connection.

 Interchange between phone and source unit

 ON/OFF the Microphone function

 Display the Keypad.

Call History

Touch the 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 icon to access the phone book of the connected mobile phone.
To make a call from the phonebook, simply touch the contact name.
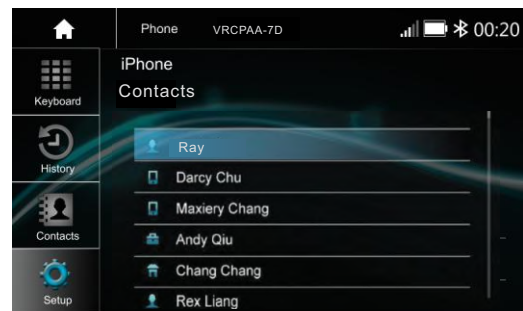
BT Setup

Auto Answer   On /OFF, incoming call auto answer.
MIC Gain,   Low / Middle / High

SiriusXM Ready

Your Favorite Stations Wherever You Go, Wherever you are, this Receiver is SiriusXM-Ready® so you can get over 140 channels, Including commercial-free music, plus the best sports and live events, comedy, news, exclusive talk, and entertainment. SiriusXM programming is received through the SiriusXM Connect Vehicle Tuner (SiriusXM SXV300 Tuner sold separately, SiriusXM subscription required).

For more information, visit www.siriusxm.com.

After installing your SiriusXM Connect Vehicle Tuner and antenna, power on your VRCPAA-7D and select SiriusXM mode. You should be able to hear the SiriusXM preview channel on Channel 1. If you cannot hear the preview channel, please check the installation instructions to make sure your SiriusXM Connect tuner is properly installed.

After you can hear the preview channel, tune to Channel 0 to find the Radio ID of your tuner. In addition, the Radio ID is located on the bottom of the SiriusXM Connect Vehicle Tuner and it packaging. You will need this number to activate your subscription. Write the number down for reference.

Note: the SiriusXM Radio ID does not include the letters I, O, S or F.

In the **USA**, you can activate online or by calling SiriusXM Listener care:
Visit **www.siriusxm.com**/activatenow
Call SiriusXM Listener Care at
1-866-635-2349

For **Canadian** Subscriptions, please contact:
Visit **www.siriusxm.ca**/refresh
Call XM Customer Care at **1-877-438-9677**

As part of the activation process, the SiriusXM satellites will send an activation message to your tuner. When your radio detects that the tuner has received the activation message, your radio will display "Subscription Updated". Once subscribed,

you can tune to channels in your subscription plan. Note, the activation process usually takes 10 to 15 minutes, but may take up to an hour. Your radio will need to be powered on and receiving the SiriusXM signal to receive the activation message.

To enter SiriusXM Mode, touch the SXM icon on the Main Menu.

If the screen is shown "Check Tuner" as below, check the SiriusXM tuner connection.
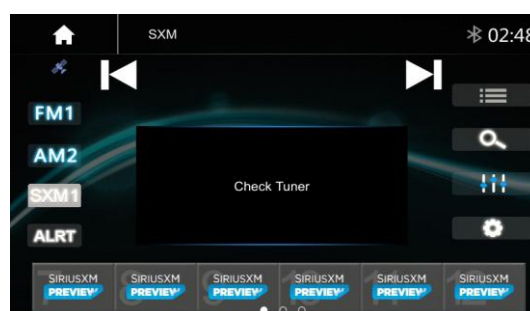
Signal Strength
The Top Left corner of the screen is showing the Signal Strength of the SiriusXM satellite

 SiriusXM Signal is Excellent

 SiriusXM Signal is Good.

 SiriusXM Signal is Weak .

 No SiriusXM Signal .

14. Sirius XM operation

In SiriusXM mode, SiriusXM icon is highlighted.

SXM1	Touch SXM can change between SXM1=>SXM2=>SXM3 .
ALRT	Artist & Song Alerts
☰	Browse list function
🔍	Direct Tune function
⚙	EQ Setting function
⚙	SiriusXM Setting Menu
⏮	Go to the pervious channel
⏭	Go to the next channel

Preset channel, Six preset buttons store and recall stations for each band. Touch and slide the preset channel can switch to next band SXM1 /SXM2 / SXM3.

Artist and Song Alert

While listening to SiriusXM Satellite Radio, user can mark Artists and/or Songs for which you wish to be alerted. The radio will display an Alert message when a matching artist or song is found on another channel. Then user can choose if you want to tune to that favorite or user can ignore the alert and stay on your current channel. To store an artist or song title, touch on the "artist" or Song" metadata on the display. User will then be prompted to set the alert for the Artist or the Song Title. User will be alerted when one of your stored artists or songs is playing on another channel. If multiple alerts happen at the same time, or the alert gets dismissed, user can touch the **ALRT** button to list the channels that are currently playing your artist or song.
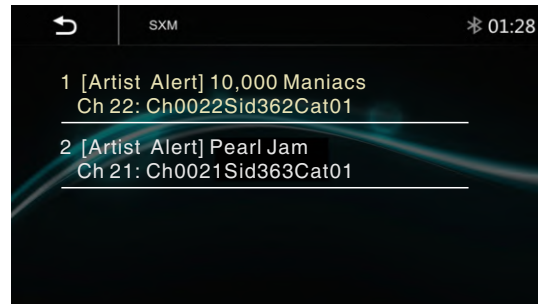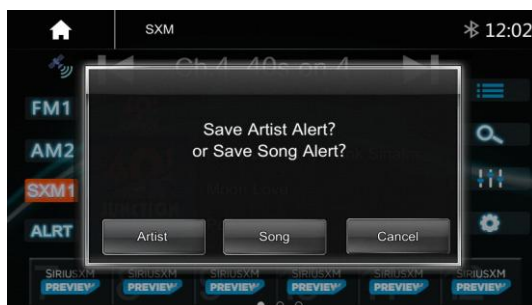
Channel Browse

☰ Touch to browse the channel listing. User can browse by select the Channel List and Category List.

Channel List
Touch "Channel" button at Left side to show the channel listing
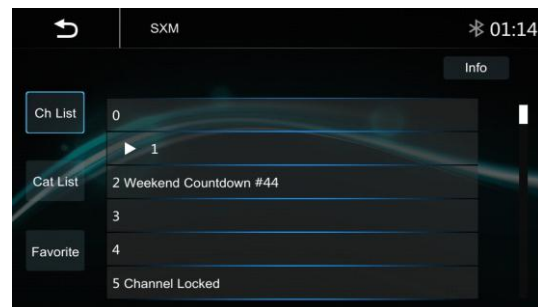
Slide the bar at right to browse the channel

Info Touch "**Info**" button at top right corner to change the display different Metadata as Channel Name, Artist, Song Title, Info, Category Name.

Category List
Touch the "Category" for the Category list

The channel will be shown according to different Category. Touch **<** or **>** to select different Category. Touch **"Channel"** button at top right corner to change the display different Metadata as Channel Name, Artist, Song Title, Info, Category Name.

Favorite
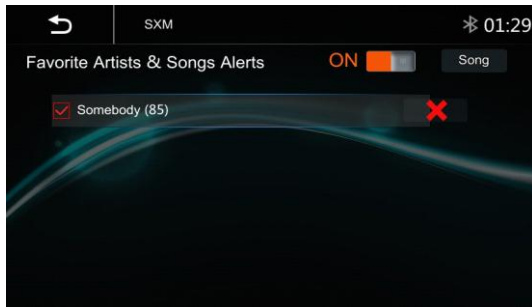
Direct Tune

Press to shown the direct tune interface, user can direct enter the channel number and touch to go to the desire channel.

Press backspace to clear the pervious digit.

SiriusXM Setting Menu

Touch to enter the SiriusXM setting menu.

It allows user to Preset Tune, Parental Lock, Change Passcode, Lock Channel and check the Version.
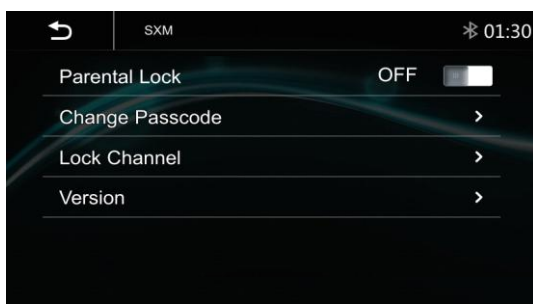
Change Pass Code

Touch "**> of the Change Passcode**" to show the below screen. Input the passcode by using the keypad.
Press to clear the pervious digit if input wrong. Touch to confirm input.
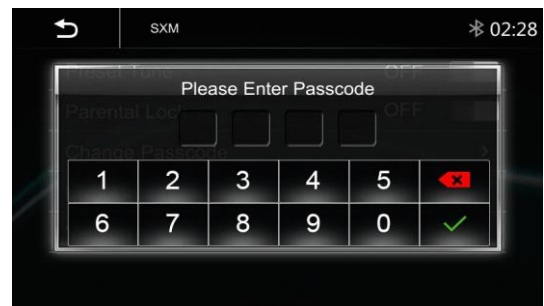
If the pass code is correct, allow user to Enter NEW Passcode.
Input a new 4 digits passcode and select to confirm the new passcode.
Input the passcode again and press to confirm, then the passcode can be successfully changed.
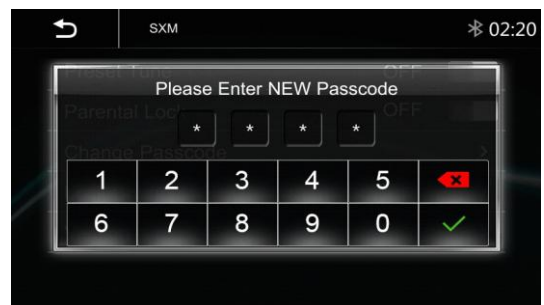
If the pass code is incorrect, below screen will be displayed.
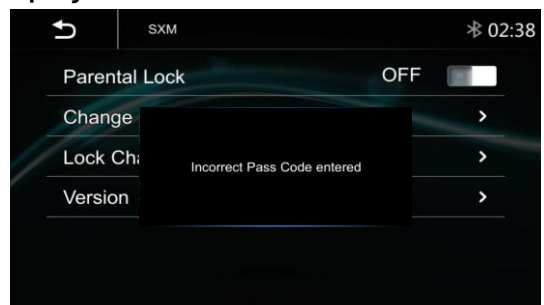
Lock Channel

Press "**> of the Lock Channel**" in SiriusXM setting menu to enter the Lock channel interface as below.
Input the passcode and touch to confirm, press to backspace to remove the pervious digit if input wrongly

14. Sirius XM operation
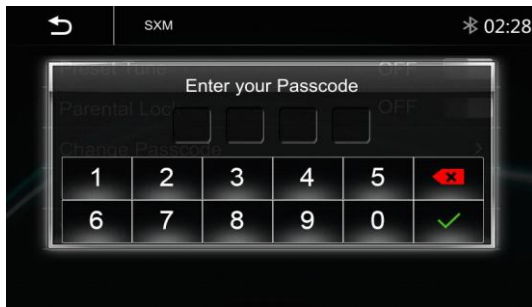
If the passcode is correct, the unit will enter the lock channel list, select the channel for any channel that has been locked.
Tap the locked channel again to remove from the locked channel list. The lock icon 🔒 will be shown that you would like to lock.

Version

Press Version in the menu, the below screen will be shown the VRCPAA-7D Software version information:

Note:

Reset SiriusXM passcode The default SiriusXM passcode is **0000**.
If you forget the passcode, follow the steps below to restore the unit to the default.

1. Enter Settings
2. Set the time format is 24H and the date/ time to **2000-1-1 01：01**
3. Enter SiriusXM mode and select direct tune;
4. Input the channel number **9992** the display only can show **999**.
5. Press confirm to reset the SiriusXM passcode to default.
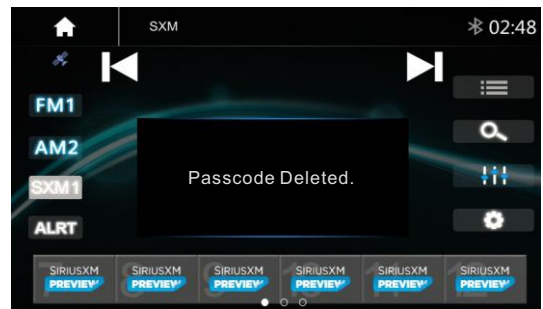
Radio ID

Press **channel 0** to display the Radio ID.
You can use channel up/down or direct tune.

14. Sirius XM trouble shooting

On-Screen Display	Advisory Message	Cause	Explanation/Solution
Check Antenna	Check Antenna	The radio has detected a fault with the SiriusXM antenna. The antenna cable may be either disconnected or damaged.	• Verify that the antenna cable is connected to the SiriusXM Connect Vehicle Tuner. • Inspect the antenna cable for damage and kinks. Replace the antenna if the cable is damaged.
Check Tuner	Check Tuner	•The radio has difficulty communicating with the SiriusXM Connect Vehicle Tuner. • The tuner may be disconnected or damaged.	• Verify that the SiriusXM Connect Vehicle Tuner cable is securely connected to the radio SiriusXM connector/ cable. • If the problem persists, disconnect and reconnect the tuner and then contact your dealer.
No Signal	No Signal	The SiriusXM Connect Vehicle Tuner has difficulty receiving the SiriusXM satellite signal.	• Verify that your vehicle is outdoors with a clear view of the southern sky. • Verify that the SiriusXM magnetic mount antenna is mounted on a metal surface on the outside the vehicle. • Move the SiriusXM antenna away from any obstructions. • Inspect the antenna cable for damage and kinks. Replace the antenna if the cable is damaged. • If the problem persists, disconnect and reconnect the tuner and then contact your dealer.
Channel Not Available	Channel Not Available	The channel that you have requested is not a valid SiriusXM channel or the channel that you were listening to is no longer available. You may also see this message briefly when first connecting a new SiriusXM Connect Vehicle tuner. Visit www.siriusxm.com for more information about the SiriusXM channel lineup.	The channel that you have requested is not a valid SiriusXM channel or the channel that you were listening to is no longer available. You may also see this message briefly when first connecting a new SiriusXM Connect Vehicle tuner. Visit www.siriusxm.com or www.siriusxm.ca for more information about the SiriusXM channel lineup.
Channel Not Subscribed	Channel Not Subscribed	The channel that you have requested is not included in your SiriusXM subscription package or the channel that you were listening to is no longer included in your SiriusXM subscription package	• Questions about your subscription in the United States please visit http://www.siriusxm.com/activatenow or call SiriusXM Listener Care at **1-866-635-2349**. • Questions about your subscription in Canada please visit http://www.siriusxm.ca/help/activation-help/ or call XM Listener Care at **1-877-438-9677**
Channel Locked	Channel Locked	The channel that you have requested is Locked by the radio	•See the section on Lock Channel, more information on the Lock Channel feature and how to access locked channels
Please Enter the Lock Code	Please Enter the Lock Code	User prompted to enter the lock/unlock code.	•Enter the four digit code to unlock the channel
Incorrect Passcode Entered	Incorrect Passcode Entered	The unlock code entered by the user is incorrect	• Input the correct four digit code to unlock the channel. • Reset lock code to default following instructions.

15. Specification

General

Power Supply .... DC10~16Volts
Grounding System .... Negative Ground
Current Drain .... 15A(Max.)
Max Power Output ....4×75W/channel
RMS Power Output 4x25w/channel
Speaker Impedance .... 4~8ohms per channel
Frequency Response.. 20Hz~20KHz
Operating Temperature .... -20~+60℃
Dimensions ....………......178mm(W)x170mm(D)x100mm(H)

TFT Display

TFT Screen size.. 7inch
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

Frequency Range (USA) ....….......530~1710KHz
Frequency Range (Europe) ....…..522~1620KHz
Usable Sensitivity(S/N=20dB)...……....≤40dB
S/N Ratio..…….......≥45dB

DVD/CD
S/N Ratio...….....≥60dB
Channel Separation ....…....>50dB

Line-Out/Subwoofer Output

Maximum Output Level (10K ohms load)....................................……..…....≥4Vrms
Subwoofer Time Align...…..........0~18ms

AV IN

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

Touch the ▲ to pop up the function bars

and touch 📹 to view the playing Audio/Video.
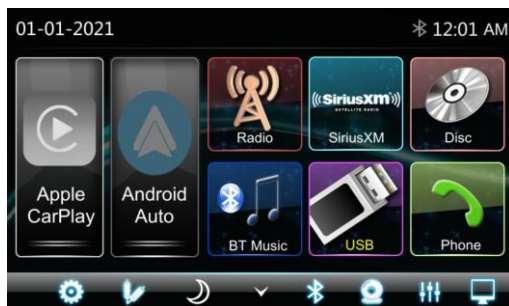
The Audi and Video will via the RCA cable to the source unit.

If there is no Video signal the below screen will be shown:

Camera

There is a RCA socket for the Front camera video signal to display on the Head unit. The Reverse wire in High level (+12V) is reverse; low level (ground or NC) is normal

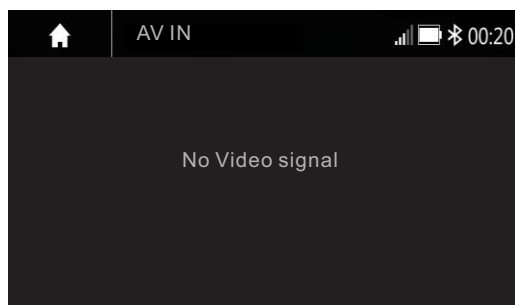Touch the ▲ to pop up the function bars

and touch 📷 to view the playing Front camera.

Rear Camera Setting:
Touch Rear View Camera in the Setting Menu to enter rear camera setting interface as follow:
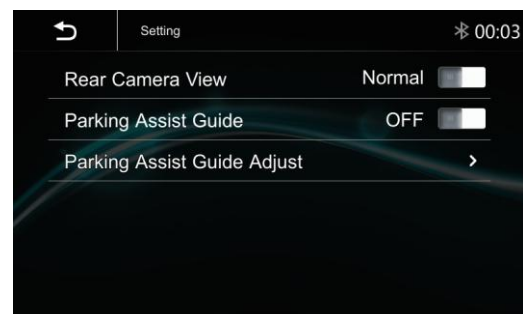
Rear Camera View: Normal/Reverse
Parking Assist Guide: On/Off
Parking Assist Guide Adjustment
Touch ″>to enter Parking Assist Guide Adjustment interface to show the below screen：

Select the adjust position and Touch
⟨ / ⟩ / ∧ / ∨ to adjust.
Touch Reset to resume the default Parking Assist Line

18. Trouble Shooting

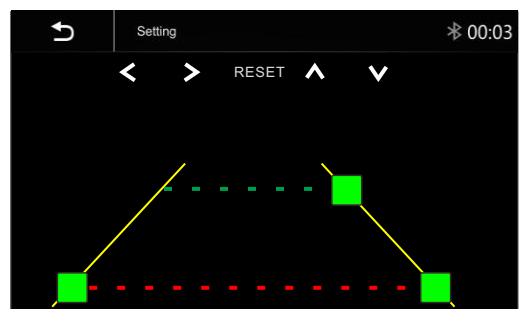|	Symptom	Cause	Remedy
General	General power does not turn on.(No sound is produced.)	Fuse is blown	Replace with fuse of the same amperage. If the fuse blows again, consult your store of purchase
		In correct wiring	Consult your local retailer.
	No sound output when operating the unit with amplifiers or power antenna attached.	Power antennal lead is shorted to ground excessive current is required or remote on the amplifiers or power antenna.	1. Turn off the unit. 2. Remove all wires attached to the power antenna lead. Check each wire for a possible short to ground using an ohm meter. 3. Turn on the unit. 4. Reconnect each amplifier remote wire to the power antenna lead one by one. If the amplifiers turn off before all wires are attached, use an external replay to provide remote-on voltage (excessive current required).
	Nothing happens when buttons are pressed. Display is not Accurate.	The microprocessor has malfunctioned due to noise, etc.	Turn off the power, Then press the button . Press the reset button for about 2 seconds with a thin rod.
CD	Sound is bad directly after power is turned on.	Compact disc is dirty	Clean the compact disc without scratches
		Compact disc is heavily scratched or warped	Replace with a compact disc without scratches.
Others	No Power	The car ignition is not on.	If the power supply is properly connected to the caraccessory switch the ignition key to "ACC".
		The fuse is blown.	Replace the fuse.
	Disc cannot be loaded.	Presence of disc inside the player	Remove the disc in the player then put a new upward.
	Disc cannot be read.	Inserting the disc in upside down.	Insert the compact disc with the label facing upward.
		Compact disc is extremely dirty or defective.	Clean the disc or try to play a new one.
		Temperature inside is too high.	Cool off until the ambient temperature returns to normal.
	No sound	Volume is in minimum	Adjust volume to a desired level.
		Wiring is not properly connected.	Check wiring connection.
	The operation keys do not work.	The built-in microcomputer is not operating properly due to noise.	Press the reset button for about 2 seconds with a thin rod.
	Sound skips.	The installation angle is more than 30 degrees.not operating properly due to noise.	Adjust the installation angle to less than 30 degrees.
		The disc is extremely dirty or defective.	Clean the compact disc/try to play a new one.
	The radio does not work, the radio station automatic selection does not work.	The antenna cable is not connected the signals are too weak.	Insert the antenna cable firmly select a station manually.

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.