ADAYO

JRV9100

6.75" Double DIN Multimedia Receiver
Built-In BT Technology /
iPhone® - iPod® / MHL / HDMI / USB / AV In

Operating Instructions

Made for
iPod iPhone

Bluetooth®

Color
Optimazation

JRV9100

Contents

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FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and

(2)This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This unit supports only the following iPhone models:

iPhone X
iPhone 8 Plus
iPhone 8
iPhone 7 Plus
iPhone 7
iPhone SE
iPhone 6s Plus
iPhone 6s
iPhone 6 Plus
iPhone 6
iPhone 5s

Made for
iPod iPhone

"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to the iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards.

Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.

iPod and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.

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Thank you for choosing a ASA product. We hope you will find the instructions in this owner's manual clear and easy to follow. If you take a few minutes to look through it, you'll learn how to use all the features of your new unit Multimedia Receiver for maximum enjoyment. Please save this manual for future reference.

We recommend having your unit Multimedia Receiver installed by a reputable installation shop.

FEATURES

MP3 / WMA
• ID3 Tag Compatible
• Directory Search (MP3 / WMA Only)
• Random, Repeat and Intro
• Play, Pause, Stop, Next Track and Previous Track

AM-FM
• USA / European Frequency Spacing
• 30 Station Presets (18 FM / 12 AM)
• Auto Stereo / Mono
• Local / Distance
• Auto Store / Preview Scan

iPod®/iPhone®
• iPod® iPhone® via USB
• High Speed Direct Connect Interface to Access iPhone® and iPod® Playlists, Artists, Albums
• Power Management Charges iPhone® / iPod® while Connected

Chassis
• Fixed Front Panel
• High Definition TFT LCD

General
• Beep Tone Confirmation (ON-OFF Option)
• BT Hands-Free operation for safety and convenience and A2DP for streaming music from your smartphone.
• One Composite Video Output for Additional Screens
• Front Panel Audio/Video Input
• Front Panel USB - Playback Music / Video Files via Portable Hard Drives / USB flash drives
• Ten-Band Graphic Equalizer
• 6VRMS Front / Rear / Subwoofer RCA Line Output
• Touch Screen Calibration Mode
• Rotary Encoder Audio Control
• HDMI / MHL Connectivity - See and control smartphone apps on the larger TFT screen. *Some apps may not be supported.
• USB Charging Current - 2.1 Amp Support

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**WARNING! Never install this unit where operation and viewing could interfere with safe driving conditions.**

WARNING! To reduce the risk of a traffic accident (except when using for rear view video camera) never use the video display function while driving the vehicle. This is a violation of federal law.

WARNING! Never disassemble or adjust the unit.

WARNING! To prevent injury from shock or fire, never expose this unit to moisture or water.

WARNING! Using an improper fuse may cause damage to the unit and result in fire.

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CONTROLS AND INDICATORS
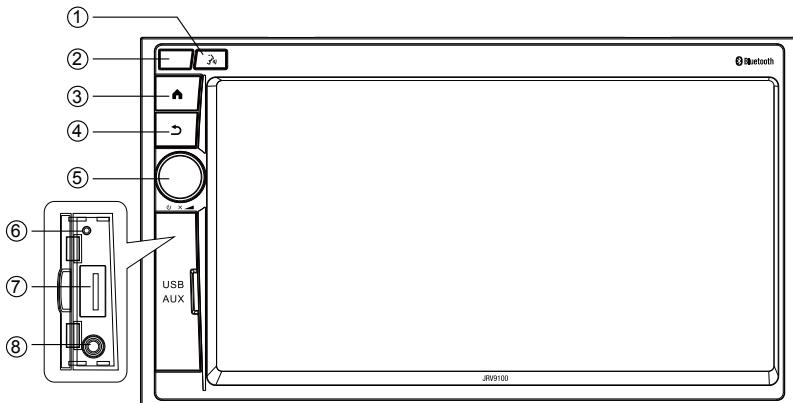
1. **[🎙] Button**
   Activate voice control

2. **Remote sensor**

3. **[🏠] Button**
   Show main menu

4. **[↩] Button**
   Return to previous menu

5. **[⏻ ✕ ◢] Rotary/pushbutton**
   Switch on device
   In operation:
   Mute audio source (short press)
   Increase/Decrease the volume (rotate)
   Switch off device (long press)

6. **Reset Button**
   Reset the unit.

7. **USB slot**

8. **AUX in Jack**

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Basic Operations

Parking Brake Inhibit
• When the "BRAKE" cable is connected to the brake switch, the display on the TFT monitor will display video only when the vehicle is applied.
• Parking brake function is overridden when the video source is set to REVERSE.
• When the parking brake inhibit is active, the front monitor displays "Warning!!! It is illegal to view video while driving or operating a motor vehicle. Set parking brake to view video.", preventing the driver from watching content while driving. Rear video screens are not affected.

Mute
Press [⏻ ✕◢] button to mute the volume from the unit. Press again to restore the volume.
Adjusting the volume or using any of the audio setup features cancels the mute function.

Power On / Off
Press the [⏻ ✕◢] knob on the unit to turn the unit on. The buttons on the front of the unit light up for a moment and the current mode status appears in the LCD.
Press and hold the [⏻ ✕◢] knob to power off the unit.

Playing Source Selection
Press the [⟳] button on the front panel to change between available playing sources. The playing mode is displayed on the screen.

1. Enter radio mode.
2. Enter music menu.
3. Show main menu
4. Enter bluetooth mode.
5. Enter setting menu.
6. Function icons
7. Clock

Volume Adjustment
To increase or decrease the volume level, rotate the [⏻ ✕◢] knob on the front panel. The volume ranges from "0"to "40".

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Equalizer

1. Enter the EQ setup mode
   Touch the [EQ] icon in the user interface and the EQ setup interface will display on the screen.
2. Select EQ mode
   Touch the desired EQ selection: [User] / [Jazz] / [Pop] / [Classic] / [Rock] / [Flat], and the EQ mode will change.

Adjust EQ Parameters

To adjust EQ parameters, touch and drag the parameters adjustment bar.
[User]: Set the desired audio effect.
[Flat]: Select the original audio effect.
[Reset]: Cancel the equalizer function settings.
[Loudness: On/Off]: When listening to music at low volumes, this feature will selectively boost certain bass and treble frequencies.

Volume distribution (fader/balance)

You can adjust the volume distribution in the vehicle for all sources.
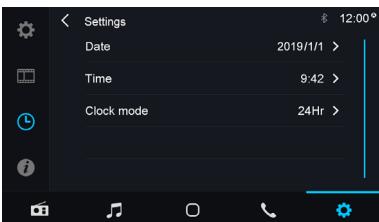1. Press the [🎚] button. The menu for fader and balance is displayed.
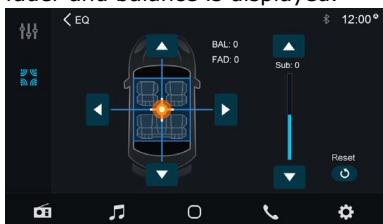
2. Adjust fader and balance with [▼] / [▲] or [◀] / [▶].

Set Date /Time

1. Touch [⚙].
2. Touch [Time].
   The date/time setup menu is displayed.

· **Set Date**
1. Touch [Date].
2. Touch the date information on the screen.
   A submenu is displayed.
3. Touch [▲] or [▼] to set year, month and day.

· **Set Clock Mode**
Touch [12Hr] or [24Hr] to switch clock mode.

· **Set Time**
1. Touch [Time].
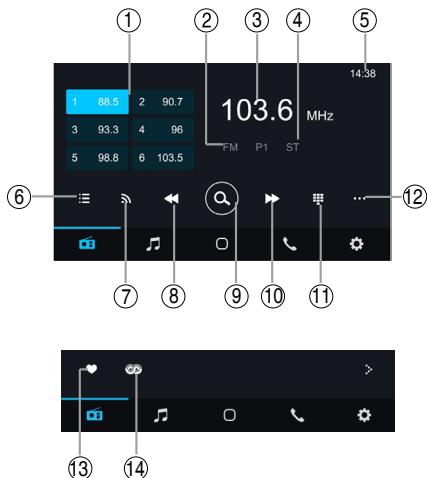2. Touch the time on the screen, a submenu is displayed.
3. Touch [▲] or [▼] to set hour and minute. Touch [▲] or [▼] to set AM/PM (only for 12Hr).

📝 **Note:**
When date/time is set, touch [✓] to confirm or [✕] to exit.

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Radio Mode

Radio Display

1. Preset radio station list
2. Current radio band indicator
3. Current frequency
4. Radio station informations
5. Clock
6. Enter Preset Station list
7. Band switch
8. Tune backward
   Auto tune backward. (long press)
9. Search stations automatically
10. Tune forward
    Auto tune forward. (long press)
11. Goto station by inputting frequency
12. Hide the second line of control buttons
13. Store the current station
14. RDS setting options

Select One Radio Band

Touch the [🔊] icon on the user interface to select one radio band among FM, AM.

Tune
Auto Tuning

Hold [◀◀] / [▶▶] icon on the user interface more than 1 second to seek a higher / lower station.
To stop searching, repeat the operation above or press other buttons having radio functions.

📝 Note:

When a station is received, searching stops and the station is played.
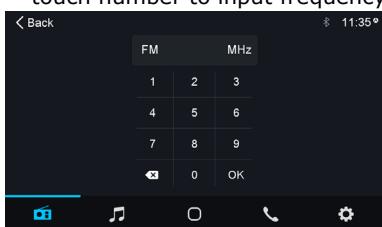
Manual Tuning
Method 1:

During manual tuning, the frequency will be changed in steps.
Touch the [◀◀] / [▶▶] icon on the user interface to tune in a higher / lower station.

Method 2:

1. Touch the numeric keypad icon [▦]. Numeric keyboard is displayed, touch number to input frequency.

2. Touch [⌫] to delete the input number step by step.
3. Touch [OK] to enter.

Preset Station

Different memory bands and wavebands are available Up to 18 FM and 12 AM stations can be stored in each memory bank. hence the unit can store 30 stations in total.

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Search Stations Automatically
Touch [Q] to search station and store strongest stations in current band automatically.

Manual Store
1. Tune to a station.
2. Touch [••••] to display the 2nd menu.
3. Touch [🖸].

Recalling a Station
1. Select a band .
3. Touch [☰] to select the corresponding stored station.
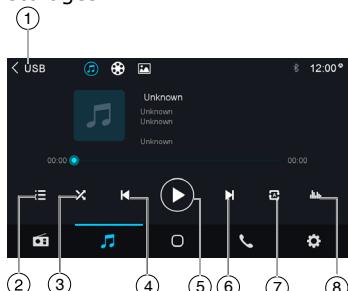
Playback Mode

Connect a USB Device
Insert a USB device into the USB slot. When connecting a USB device, the unit will read the files automatically.

Remove a USB Device
1. Select other source on the main menu.
2. Remove the USB device.

Music Playback
Select [♫] of the screen, the unit will playback all the music on the mobile storages.
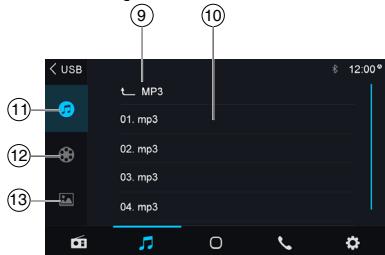

1. Return to main menu
2. Display the folder/file list.
3. Shuffle Play.
4. Previous track
5. Play/Pause

6. Next track
7. Repeat play
8. Show EQ menu

9. Show the audio folder list
10. List window
   Drag up/down to scroll.
   Touch an item to select.
11. Show audio folder/file list
   Touch a song to start play.
12. Show video folder/file list
13. Show photo folder/file list

Play/Pause
When playing, press [▮▮] button to pause, and the sound will be mute. Press [►] button to play.

Previous/Next Track
Press [◄◄] or [►►] button to go to previous or next track.

Folder/File List
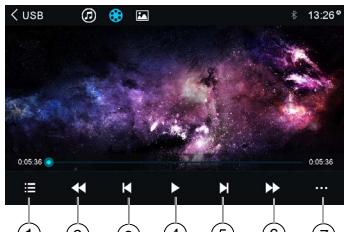When playback, touch [☰] icon to show folder/file list.

Video Playback
Select [⊕] on the folder/file list menu, the unit will playback all the video files on the storages.
During playback, touch the screen to show control buttons.
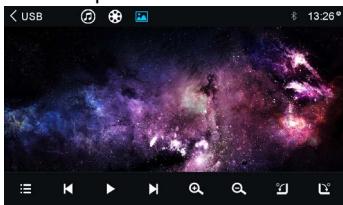
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1. Show folder/file list menu
2. Fast backward
3. Previous movie
4. Play/Pause
5. Next movie
6. Fast forward
7. Show more control buttons
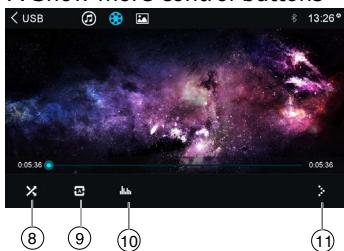
8. Shuffle Play.
9. Repeat play
10. Show EQ menu
11. Show previous page of control buttons

Gallery Operations

1. Select [🖼] on the folder/file list menu.
2. Touch a picture name to view it.


Drag left/right to scroll.

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Bluetooth Mode

The Bluetooth allows you to utilize your car's built-in audio system for handsfree wireless mobile phone or music communication. Some Bluetooth mobile phones have the audio features, and some portable audio players support Bluetooth feature. This system can play audio data stored in a Bluetooth audio device. The car stereo with Bluetooth will be able to retrieve phonebook contacts, received calls, dialed calls, missed calls, incoming calls, outgoing call and listen to music.

📝 Notes:
- *This system will not operate or may operate improperly with some Bluetooth audio players.*
- *The unit cannot guarantee the compatibility of all mobile phones together with the unit.*
- *Audio playback will be set to the same volume level as set during telephone call. This can cause problems, if extreme volume level is set during the telephone call.*

Touch [📞] on the main menu to enter Bluetooth Phone mode.
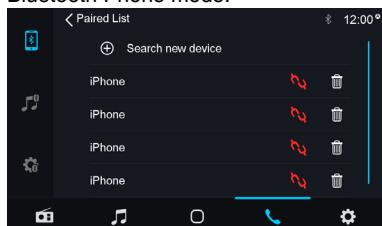
[🔗]:Establish a connection.
[🗑]:Delete the Bluetooth® device from the list.
1. Turn on Bluetooth function of your mobile phone.
2. Search for new Bluetooth devices on your phone. Select Device name from the pairing list on the mobile phone, and enter password.

Or touch [⊕] button on the screen to search mobile Bluetooth devices.

After connect successfully, the unit show following menu.
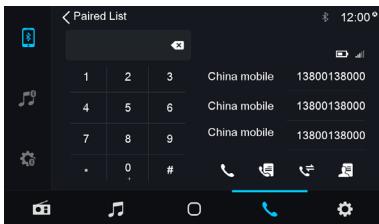
Making a Call
● Dial Number
1. Input numbers by digit-keys on the screen. Touch [⌫] to clear the digits.
2. Touch [📞] button to dial out.
3. Touch [📞] button to terminate call.

● Answering a call
You can answer an incoming call by pressing the [📞] button.
Touch [📞] button to reject an incoming call.
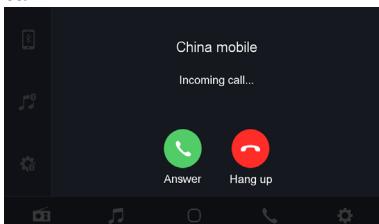
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Call from Phonebook
1. Touch [📇] button to show your phone book.
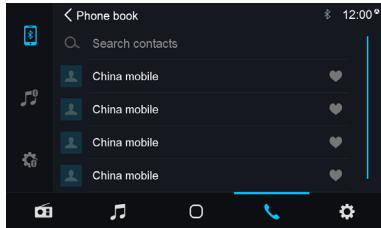2. Select a number to select and touch [📞] button to dial out.
3. Touch [🔍] to search a contact name.

Call History
Access Call History by touching [🔄] button.

Then select a number from Dialled/Missed/Received calls.

Audio playback via Bluetooth streaming
If an audio streaming device is connected with the car sound system via Bluetooth®, you can play back the music via the car sound system and control the playback.
Touch [🎵] button to play music on your mobile phone.

[⏮]   Previous track
[▶]   Play/Pause
[⏭]   Next track

Adjust Bluetooth Settings
1. In Bluetooth menu, touch [⚙].
   The option menu is displayed.
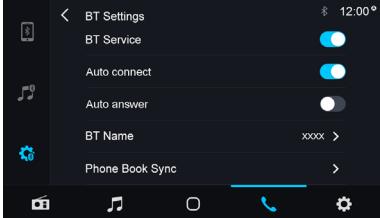
2. Touch on the selected option to change the setting.
· [BT Service]: To turn on or off "Bluetooth" function.
· [Auto connect]: To turn on or off "Auto connect" function.
· [Auto answer]: To turn on or off "Auto answer" function.
· [BT name]: Change BT device name.
· [Phone Book Sync]: To synchronize the phone book from your mobile phone to the unit.

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Apple CarPlay

Available on select cars, CarPlay is a smarter, safer way to use your iPhone in the car. CarPlay takes the things you want to do with your iPhone while driving and puts them right on your car's built-in display.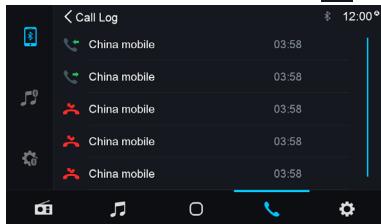 You can get directions, make calls, send and receive messages, and listen to audiobooks and music, all in a way that allows you to stay focused on the road.

How to enter CarPlay mode
1. Connect your iPhone to the CarPlay connector of the unit via the Apple Digital Cable. The unit will enter CarPlay mode automatically.
2. To exit CarPlay mode, touch [⧉] button on the front panel.
   If you want to return to CarPlay mode, touch [Apple CarPlay] on the main menu.

How to use CarPlay
CarPlay features and Siri voice control is specially designed for driving scenarios. It also works with your car's controls. And the apps you want to use in the car have been reimagined, so you can use them while your eyes and hands stay where they belong.

Touch
you can use the touch screen of the unit to control CarPlay.

Android Auto

Android Auto brings the most useful apps to your phone screen or your compatible car display, in a format that makes it easy for you to keep your main focus on drving. You can control things like navigation and maps, calls and text messages, and music.

Prepare your phone
Make sure your phone is running Android 5.0 (Lollipop) and up. For best performance, we recommend Android 6.0 (Marshmallow) and up.

Download the Android Auto app from Google Play.

Make sure your phone has a strong and fast network connection. We recommend running Audroid Auto for the first time within Wi-Fi range for the fastest installation.

Audroid Auto on your phone screen
1. An Android phone running Android 5.0 (Lollipop) and up with a data plan. For best performance, we recommend Android 6.0 (Marshmallow) and up.
2. A car mount for your phone (optional but recommended).
3. A USB cable (optional for charging)
4. The Android Auto app.

### Audroid Auto on your car display (with a USB cable)
1. An Android phone running Android 5.0 (Lollipop) and up with a data plan. For best performance, we recommend Android 6.0 (Marshmallow) and up.
2. A car stereo that's compatible with Android Auto.
3. A high-quality USB cable.
4. The Android Auto app.

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Settings

Basic settings
In the settings menu, you can adjust the basic settings for the different functions of the device to your requirements.
In the main menu, press the [⚙] button. The settings menu is displayed, the General submenu is activated.
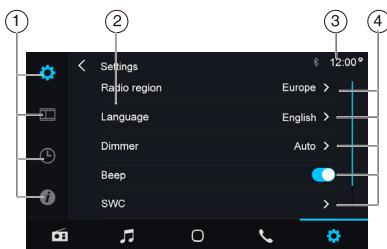
The settings display features the following functions and displays:
① Menu items
② Currently selected menu item
③ Clock
④ Submenu items

General settings
The following setting are possible:
Radio region - Select the reception region for the radio reception.
Language - Select on-screen display language.
Dimmer -Touch the [Dimmer],there 5 mode to select: Auto/Night/Sunset/Normal/Bright.
Beep - Switch confirmation beep on/off.
Camera Configuration - Setup the camera configuration.
LOC - If LOC is on, only local stations can be received.
Apple Device - Switch the using of Apple device to Carplay or iPod.
Illumination - Select the backlighting color.

Video settings
The following setting are possible:
Parking - If "Parking" is activated, video/pictures will not be displayed during driving. Please set according to local laws.

Time settings
The following setting are possible:
Date - Set the date.
Time - Set the time.
Cloct mode - Selection between 12Hr and 24Hr mode.

System settings
The following setting are possible:
· To view software version information.
· To update the software.
· Restore to default settings.

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Other Modes

Listen to Other Devices
You can connect an external audio/video device to the unit.
1. Connect the external device with the supplied AV cable.
2. Touch the upper left corner to display the main menu.
3. Touch [**AV In**] to access external device.

Reset
When the unit hangs up, you can reset it.
Press [**RESET**] with a ball-point pen or similar tool.

📝 Note:
When the unit has been reset, all the settings will return to default settings.

Replace a Fuse
If there is no power, the fuse may be damaged and need to be replaced.
1. Take out the unit from dashbpard.
2. Check all electrical connections.
3. Buy a fuse that matches the amperage of the damaged fuse.
4. Replace the fuse while the units power is disconnected.

Steering Wheel Control Programming
1. Touch the [⚙] button, the settings menu is displayed.
2. Touch [**SWC**], the SWC menu will display.
3. Adjust each key with a individual function.
4. Touch [**Pair**] to program.

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Specifications

General

Reference Supply Voltage.. 12V(DC)
Operating Voltage Range.................................10.5 - 15.8V(DC)
Max Operating Current...15A
Maximum Output Power .... 4 X 25W
Grounding System .... Car Battery Negative Pole
Dimensions(WXHXD) ....178×100×161.9 mm
Weight(main unit) 1.38kg

FM

Signal Noise Ratio ....≥50dB
Residual Noise Sensitivity (S/N=30dB)............................ 18dBµV
Frequency Response (±3dB)................................. 20Hz~12.5KHz
Station Seeking Level .... 20~28dBµV
Distortion.. ≤1.0%
Stereo Separation (1KHz)..≥25dB
Antenna Impedance 75Ω

AM

Residual Noise Sensitivity (S/N=20dB)............................ 30dBµV
Selectivity (±9KHz) ....≥50dB

LCD

Screen size ....6.75 inchs (16:9)
Display resolution ....800 X 480 dots
Contrast ratio 4000:1
Brightness...280cd/m^2

AUX IN

Distortion.. ≤0.8%
Frequency Response (±3dB)...................................20Hz~20KHz
Audio Input Level 0.5Vrms

Audio

Audio Output Impedance.. 100Ω
Audio Output Level.. 3Vrms(Max)

Video

Normal Video Input Level (CVBS)................................1.0±0.2V
Video Input Impedance... 75Ω

Environment

Operating Temperature .... -30°C ~ +70°C
Storing Temperature.. -40°C ~ +85°C
Operating Humidity ....30%~95%RH
Storing Humidity...30%~95%RH

Notice:

When the unit is operated to extremes, such as with maximum power output for a long time, or the temperature is over 70°C, it will enter heat protection mode, the volume will be reduced automatically. This is normal.

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Wire Connections
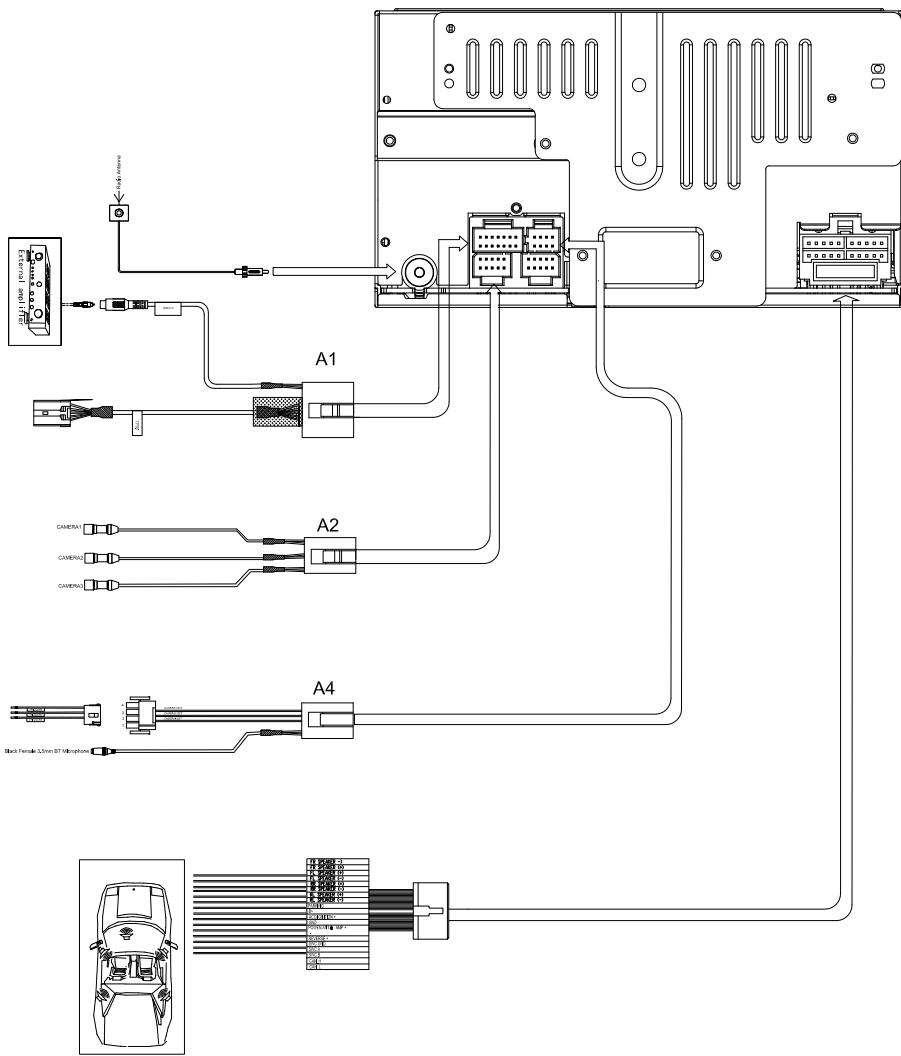
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JRV9100 Common Replacement Parts

Microphone (4M), mating harness	31914310B
Remote Control	PXRV10REM
Wire Harness - Bulk Pack separately for ASA	30314310

Operation manuals and other material online at:
https://www.asaelectronics.com/manuals-guides