



User manual

Radio AM-FM/AUX-IN/USB/BT/iPod

***READ THIS MANUAL BEFORE USING THE
EQUIPMENT.***

MODEL: i1121e-s

CONTENT

1. - FUNCTIONS.....	4
02.- BUTTONS DESCRIPTION	5
03.- AUDIO SETTINGS.....	5
3.1 SELECTION OF AUDIO SETTINGS.....	5
3.2 SELECTING DISPLAYSETTINGS.....	6
3.3 SELECTING SYSTEMSETTINGS	6
04.- RADIO OPERATION	8
05.- OPERATION OF USB MUSIC FILES MP3, WMA & AAC (M4A)	9
06.- OPERATION OF PHOTO BY USB	10
6.1 NAVIGATION IN IMAGES FOLDER	10
6.2 FULL SIZE SCREEN.....	11
07.- USB VIDEO FILE OPERATION	12
7.1 SMALL SCREEN.....	12
7.2 FULL SIZE SCREEN.....	13
08.- AUX-IN CONNECTION OPERATION.....	14
09.- iPod OPERATION.....	14
10.- BLUETOOTH FUNCTIONS.....	16
10.1 PHONE MENU.....	16
10.2 AUTOMATIC CONNECTION	17
10.3 PLAYING MUSIC VIA BLUETOOTH.....	18
10.4 TRACK FORWARD AND BACKWARD	18
11.- CARPLAY.....	18
11.1 ENTER CARPLAY MODE	19
11.2 NAVIGATION IN CARPLAY MODE	19
11.3 CARPLAY MODE.....	19
11.4 EXIT CARPLAY MODE	20
12.- ANDROID AUTO.....	20
12.1 ENTER ANDROID AUTO MODE	20
12.2 MAIN APPLICATIONS IN ANDROID AUTO MODE	21
12.3 NAVIGATION IN ANDROID AUTO MODE.....	21
12.4 EXIT ANDROID AUTO MODE	21
13.- GENERAL PRECAUTIONS	22
14.- RECOMMENDATIONS FOR THE USB DEVICE.....	22
15. OPERATIONAL DESCRIPTION:	24
15.1 General information	24
15.2 BLOCK OF DIAGRAMS	24
15.3 Antenna specification	24
15.4 Bluetooth module.....	25

15.5 PCB Layouts	27
15.6 Component placement.....	28
15.7 Photographs	29

1. - FUNCTIONS

TUNER

- Memory button 12 AM and 18 FM
- AM Frequency (530 to 1710 KHZ Step 10 KHZ)
- FM Frequency (87.5 to 108.0 MHZ Step 50 KHZ)
- Seek tuning, up or down the band.

AUDIO

- Electronic audio controls.
- Bass and treble controls.
- 4-way balance control.
- 4 equalization modes (User, Pop, Rock, Classic, Jazz).
- Output power 40W x 4Ch.

USB PLAYER

- repeat control
- MP3/WMA search control.
- Forward and Reverse.
- Random play control.

GENERAL

- Audio information.
- Radio/AUX/USB/iPod/BT mode selection.
- Operating voltage $13.2 \pm 5\%$.

BLUETOOTH

- Frequency 2.4 to 2.28 GHZ
- Profiles HS/HF/, A2DP, AVRCP, PBAP, SPP



02.- BUTTONS DESCRIPTION

- 1) Home button and main menu.
- 2) Microphone activation button
- 3) Button to receive phone call
- 4) Button to reject/end phone call.
- 5) On/off/mute button, volume control
- 6) Mode selection button
- 7) Button to enter the settings menu
- 8) Button to fast forward or rewind song
- 9) song forward button
- 10) Button to accept some action
- 11) Button to select digital button

03.- AUDIO SETTINGS

ON/OFF BUTTON / VOLUME/MUTE KNOB

Press the POWER button to turn on the unit. If you want to turn off the unit, press the POWER button for 2 seconds.

To activate the MUTE function, press the POWER button less than one second, to deactivate the MUTE function, press the POWER button again.

Turn the POWER knob left or right to adjust the volume from 0 (min.) to 40 (max.). After 3 seconds, the indicator volume will disappear from the screen.

3.1 SELECTION OF AUDIO SETTINGS.

Press the TONES icon (located in the lower menu) to enter the settings menu audio.

The positioning simulator inside the vehicle is shown in the foreground, all the settings appear by default at the center of the plane, to make adjustments press the white cursor and drag according to the desired position.

To adjust balance, sliding is done horizontally; drag left, audio output will be on the left speakers, drag right, audio output will be on the right speakers.

To adjust the fader, sliding is done vertically; drag up to enable front speaker audio output, drag down to enable rear speaker audio output

It is also possible to make adjustments to enable a single audio output;

For example, if you want to output exclusively to the front left speaker: drag the cursor so that it is positioned in the upper left corner.

EQUALIZATION ADJUSTMENT

Audio equalization selection;

On the right side of your unit's screen is the equalization adjustment section.

The unit has four equalizer modes by default (POP, ROCK, JAZZ, CLASSIC, USER)

In the EQ section slide your finger to select the desired equalization.

User mode selection:

With this option it is possible to make changes in the equalization mode, this menu allows adjustments in equalization (Bass, Middle, Treble), they have the values -5 to +5.

LOUDNESS ADJUSTMENT

While listening to music at a low volume level, this feature will enhance the response of bass and treble sounds, select to boost output levels.

RESET OPTION

Return the applied changes to factory settings

3.2 SELECTING DISPLAY SETTINGS

Press the DISPLAY icon (located in the bottom menu) to enter the display settings.

BRIGHT ADJUSTMENT

Adjust the brightness level, pressing the right or left button adjusting the desired level. The Brightness level indicated on the screen Minimum -10 and Maximum +10.

CONTRAST ADJUSTMENT

Adjust contrast level, pressing the right or left button adjusting the desired level. The Contrast level indicated on the screen Minimum -10 and Maximum 10.

DAY/NIGHT/AUTOMATIC LIGHTING SELECTION

LCD illumination level adjustment;

Day: In this mode, the LCD illumination will remain in daylight mode so that the intensity of the light increases to have a better visualization in places where the external lighting is of high intensity.

Night: In this mode, the LCD lighting will remain in night mode so that the light intensity is reduced to have a better view in places where the external lighting is low intensity.

Automatic: In this mode the LCD illumination will change automatically according to the state of the vehicle's lights.

LCD MODE SELECTION OFF

This function allows you to turn off the LCD illumination, to activate the illumination double touch the LCD or press the HOME button.

DEFAULT SETTING

Returns the applied changes to factory settings.

3.3 SELECTING SYSTEM SETTINGS

Press the SYSTEM icon (located in the bottom menu) to enter the screen settings.

BEEP SOUND ADJUSTMENT "BEEP SOUND"

This function allows you to enable or disable the sound of the LCD buttons. If enabled, you can hear a beep when you press any button on the LCD screen.

FAST CHARGE "QUICK CHARGE"

This function allows you to charge the battery of mobile devices (max. 1.5 Amps) through the USB port. The USB charging icon will appear on the LCD screen; While this function is enabled, playback of USB devices will not be possible.

ENABLING IPOD MODE "IPOD ENABLE"

This option allows you to enable iPod playback mode when an Apple device is connected to the system.

LANGUAGE SETTING "LANGUAGE"

This option allows you to choose a different language to display information (English, Spanish, Portuguese, French).

INTERNET ACCESS "ACCESS POINT"

The unit has an internet access system through the use of mobile data through the use of a traditional SIM card.

To activate the access it is necessary to enter the operation mode and activate it with the AP ON/OFF button to turn the transmission mode on or off.

In this mode it is possible to change the identification name of your unit as well as the access password

Change of unit name: Access the Change SSID name menu and write the new name with which you want to identify your unit using the alphanumeric keyboard that is displayed on the screen, as confirmation, the unit will prompt you to write the identification name again, when the new name is ready, press the OK button.

Identification password change: Access the Change Password menu and write the new name with which you want to identify your unit using the alphanumeric keyboard that is displayed on the screen, as confirmation, the unit will prompt you to write the identification name again, when it is ready the new name press the OK button.

START VOLUME ADJUSTMENT

This option allows you to adjust the volume level with which the unit will start.

Each time the unit is turned on it will start at the level that the startup volume has been set to, this happens when the operating volume is above this level when the unit is turned off.

When the volume level is below the set limit the unit will turn on at the level that was set before it was turned off.

AUXILIARY VOLUME ADJUSTMENT

This option allows you to set a different volume level for audio played from external devices, through the 3.5mm jack which is located in a separate section of your unit.

VOLUME ADJUSTMENT ACCORDING TO SPEED

The unit has a sensor that tracks the speed level at which the vehicle is moving, depending on the speed of the vehicle this function will increase the volume level with which the audio is played.

Off: This option will not make any changes to the volume level.

Low: The change in the volume level is minimal and hardly noticeable by the user.

Medium: The change in volume level is moderate and slightly noticeable by the user.

High: The change in the volume level is considerable and very noticeable by the user

Note: all options are discarded when the vehicle is not moving.

RADIO VOLUME ADJUSTMENT

This option allows you to adjust the volume level for the audio that is played in radio mode, every time a change is made from a different playback mode to radio mode, the volume level will be played at the level that this feature has been set to..

USB MOVIE VOLUME ADJUSTMENT

This option allows you to adjust the volume level for the audio that is played in movie mode through a storage device (USB), each time a change is made from a different playback mode to USB movie mode, the volume level is will play at the level that this feature has been set to.

USB AUDIO VOLUME ADJUSTMENT

This option allows you to adjust the volume level for the audio that is played in audio mode through a storage device (USB), each time a change is made from a different playback mode to USB audio mode, the volume level is will play at the level that this feature has been set to.

iPod VOLUME ADJUSTMENT

This option allows you to adjust the volume level for the audio that is played in iPod mode, each time you switch from a different playback mode to iPod mode, the volume level will be played at the level that this feature has been set to..

AUX-IN AUDIO VOLUME ADJUSTMENT

This option allows adjusting the volume level for the audio that is played in the auxiliary mode through an external device connected via cable in the 3.5mm input, each time a change is made from a different playback mode to the auxiliary mode, the level volume will play at the level that this feature has been set to.

BLUETOOTH AUDIO VOLUME ADJUSTMENT

This option allows you to adjust the volume level for the audio that is played in bluetooth mode through an external device, every time a change is made from a different playback mode to bluetooth mode, the volume level will be played at the level when this feature has been fixed.

NAVIGATION VOLUME ADJUSTMENT

This option allows you to choose the volume level of the voice announcements that are emitted from external devices, press the right or left buttons to adjust the desired level, minimum -10 and maximum +10.

BLUETOOTH VOICE CALL VOLUME ADJUSTMENT

This option allows you to adjust the volume level with which the incoming call tone will start, once the call is received you can adjust the audio level with the volume control knob.

ENTERTAINMENT VOLUME ADJUSTMENT

This option allows you to adjust the volume level for the audio that is played in Car Play or Android auto mode through an external device, either via USB or wireless connection, each time a change is made from a different playback mode to Car Play or Android auto mode, the volume level will play at the level this feature has been set to.

NOTIFICATION VOLUME ADJUSTMENT

This option allows you to adjust the volume level for the notification audio that will be played through the Car Play and Android Auto apps.

DATE AND TIME SETTING

DATE

Slide the indicator vertically to adjust the data you want to be displayed in the main menu, the settings will appear in the following order YEAR, MONTH, DAY.

HOURL

Slide the indicator vertically to adjust the data you want to display in the main menu, the settings will appear in the following order function AM/FM, HOUR, MINUTES, 12HRS/24HRS.

04.- RADIO OPERATION

This section describes the operation of RADIO MODE.

ENTER RADIO MODE

In the HOME MENU press the RADIO button or RADIO icon in the **MAIN MENU**.



4.1 TUNING SELECTOR

This unit has several bands available 3 FM and 2 AM with the ability to store 6 radio frequencies in each of them.

To select the desired radio band press the button **BAND**, the display will show the band change, these band changes are in the following order



MANUAL SEARCH FOR AM AND FM RADIO STATIONS (UP / DOWN)

To manually tune radio stations press select down  and ascending selection  manually finding the required radio station.

AUTOMATIC SEARCH FOR AM AND FM RADIO STATIONS (DOWN / UP)

In radio mode, you can do an automatic frequency search by pressing the buttons , , the unit will seek and play the strongest frequency available, it will automatically seek down if you press the button  and it will search ascending if you press  according to the selected band.

MANUAL SEARCH FOR AM AND FM RADIO STATIONS (DOWN / UP)

In radio mode, you can manually search for frequencies by pressing the buttons , , the unit will change and play the next frequency, search down will be done if you press the button  and it will search ascending if you press  according to the selected band.

FREQUENCY SCAN

Press the **SCAN** button on the screen to activate the function. The **SCAN** icon will appear on the screen with this function activated, each tuned frequency will be played for 10 seconds.

To disable this feature, press the **SCAN** button again.

AUTOMATIC FREQUENCIES SAVE

Press **SCAN** for 3 seconds to activate the **AUTOSAVE** function; With this function, a search is made for the six frequencies with the best reception, each frequency found is reproduced for 5 seconds and will be saved in the available memory according to the order of detection. The first station will be saved in memory 1 and so on, until the 6 available memories are occupied, the first frequency recorded in memory 1 will be the one that is reproduced at the end of the **AUTOSAVE** function.

PROGRAM MEMORY / MEMORY FUNCTION.

Each band has 6 available memories in which the user's preferred frequencies can be recorded: 18 for FM and 12 for AM.

SAVE FREQUENCY IN MEMORY.

To record the frequencies in the available memories, tune in the desired frequency, then press for three seconds the memory where you want to record said frequency, if the beep function is activated, the unit will emit a short beep when it finishes recording the frequency in the desired memory.

PLAY FREQUENCY RECORDED IN RADIO MEMORY.

To play a frequency recorded in any of the memories, just press the button with the indicator of the frequency to play.

RDS FUNCTION (DATA TRANSMISSION SYSTEM) ONLY FM

In the FM band, some radio stations transmit data through the programming, this data can be the name of the program that is transmitting, the name of the station. This information is displayed in text form when the RDS function is activated.

05.- OPERATION OF USB MUSIC FILES MP3, WMA & AAC (M4A)

This section describes the functions available on the unit for playback of MP3, WMA and ACC (M4A), via a USB device.

ENTER USB AUDIO MODE.

When inserting the USB device, the unit automatically plays the music files saved in the root folder, another option is: while the USB is connected, enter the media menu and press USB Audio or press the icon from the HOME menu of USB AUDIO.

Supported file types: see table 1 SECTION 15 (AVAILABLE FORMATS)



SEARCH DOWN OR BACKWARD

If the button is pressed during the first 3 seconds of playback, it will go to the previous track, if it is pressed after 3 seconds it will restart the current track.

FAST REVERSE ON THE SAME TRACK

Fast reverse is activated when the button is held down more than 3 seconds so that it is possible to reverse playback within the same track.

UP SEARCH.

Press the button to go to the next track.

FAST FORWARD ON THE SAME TRACK

Fast forward is activated when the button is held down more than 3 seconds so that it is possible to fast-forward playback on the same track.

SLIDE FUNCTION WITH TIME INDICATOR

During audio playback the unit will show a horizontal bar with the playback time indicator, if you want to fast forward or backward playback this is possible by pressing the playback time indicator and sliding it to the right or left depending on where you want it to go. continue playback, when this function is in operation the current playback time will light orange.

PLAY/PAUSE

If you want to pause the audio playback, press the button.(PAUSE),to continue playing the file where the pause function was activated, press the button(REPRODUCTION),Also the pause function is canceled if the forward or backward buttons are pressed

FOLDER NAVIGATION

press the icon for access to folder list and audio file list menu, navigation possible with LCD icons NAVIGATION

, or by sliding your finger on the file list section. Choose the desired file by touching the LCD screen.

REPEAT AND RANDOM FUNCTIONS

Repetir todas las pistas

Reproducción aleatoria por default apagado

Repetir pista seleccionada

Reproducción aleatoria

Repetir folder en selección

Aleatoria en el mismo folder

06.- OPERATION OF PHOTO BY USB

This section describes the functions available on the unit for playback of image files stored on devices.USB.

Supported file types check table **2(AVAILABLE FORMATS section 15).**

ENTER PHOTO MODE

In the MEDIA MENU press the USB PHOTO option or in the HOME MENU press the USB PHOTO icon.
The drive will display the images saved in the root folder on the USB.



6.1 NAVIGATION IN IMAGES FOLDER

By default, the drive will display the images saved in the root folder of the USB as small icons.
Folder icons will appear in the left section.



GO TO PREVIOUS IMAGE.

Press the button to return to the previous image.

GO TO THE NEXT IMAGE.

Press the button to go to the next image.

REPEAT AND RANDOM FUNCTIONS.

Repetir todas las pistas

Reproducción aleatoria por default apagado

Repetir pista seleccionada

Reproducción aleatoria

Repetir folder en selección

Aleatoria en el mismo folder

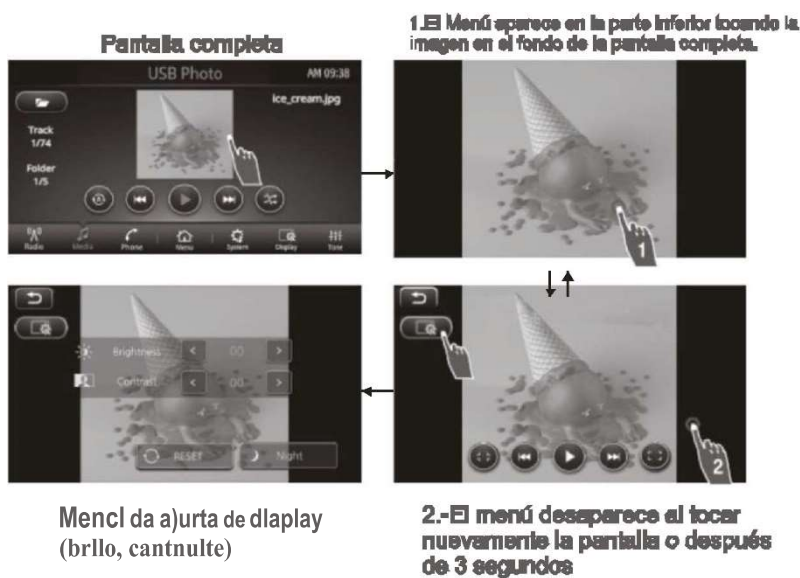
FOLDER NAVIGATION

press the icon to access the folder list and photo list menu, navigation is possible with the LCD icons .

Choose the desired file by touching the LCD screen.

6.2 FULL SIZE SCREEN.

Touch the image to switch to full screen mode.



return with button

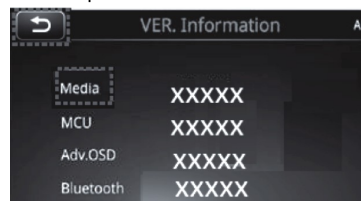
Zoom in and out

Zoom in Ward off

configuration option

Note: According to safety regulations it is not possible to view the image while driving. Follow the procedure to unlock this feature. Considering the responsibility of the user.

- 1- System menu
- 2- See information
- 3- Press 5 times MIDDLE
- 4- press back button
- 5.- BREAK-IN-ON will be displayed



To return to the initial configuration, carry out the same procedure.

07.- USB VIDEO FILE OPERATION

This section describes the commands available on the unit, which can play the files that are available on the USB device.

Supported file types check table 3(AVAILABLE FORMATS section 15).

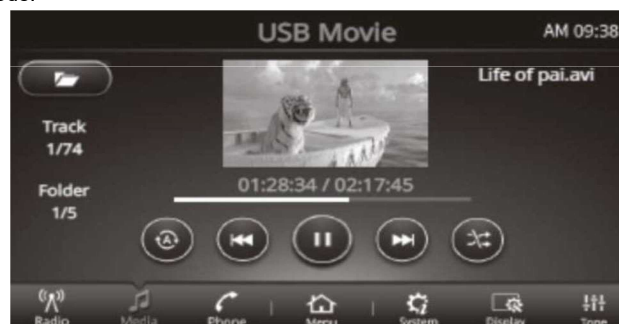
ENTER VIDEO MODE.

In the MEDIA MENU press the USB MOVIE button or in the MAIN MENU press the USB MOVIE icon.



7.1 SMALL SCREEN.

The first screen is in small mode.



FOLDER NAVIGATION

press the icon  to access the folder list and photo list menu, navigation is possible with the LCD icons NAVIGATION    

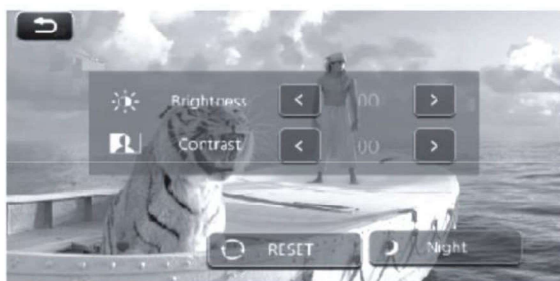
Choose the desired file by touching the LCD screen.

7.2 FULL SIZE SCREEN.

Touch the image to switch to full screen mode.

Modo de pantalla completa que opera

1.-En el menú aparece en la parte Inferior tocando la imagen en el fondo de la pantalla completa



Menú de ajustes de display (Brillo / contraste)

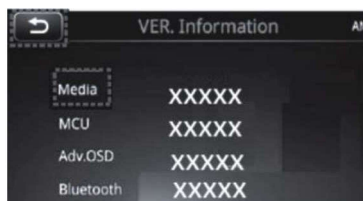


2.- El menú desaparece al tocar nuevamente la pantalla o después de 3 segundos

return with button 
configuration option 

Note: According to safety regulations it is not possible to watch video while driving. Follow the procedure to unlock this feature. Considering the responsibility of the user.

- 1- System menu
 - 2- See information
 - 3- Legend MEDIA
 - 4- press 5 times
 - 5- press back button
- BREAK-IN-ON will be displayed



To return to the initial configuration, carry out the same procedure.

08.- AUX-IN CONNECTION OPERATION

AUXILIARY AUDIO MODE.

Press AUX AUDIO in the MEDIA MENU or the AUX AUDIO icon in the MAIN MENU.



Your unit has an auxiliary input with a diameter of 3.5mm, to transmit the audio signal from devices such as iPod and MP3 player.

NOTE: When connecting a device with auxiliary input, only the audio signal settings (BASS, TREBLE, BALANCE, FADER, EQ, LOUD VOL) of the device can be made through the unit.

09.- iPod OPERATION

This section shows the available files that can be played on the equipment in iPod mode.

ENTER iPod AUDIO MODE.

In the MEDIA MENU press the iPod AUDIO button or in the **MAIN** MENU press the iPod AUDIO icon.



JUMP BACK AND FAST BACKWARDS

JUMP BACK

If the button  is pressed during the first 3 seconds of playback it will go to the previous track, if it is pressed after 3 seconds of playback it will restart to the current track.

FAST REVERSE ON THE SAME TRACK

Song fast reverse can be activated when the button is held down  for playback of the same track.

JUMP FORWARD AND RAPID FORWARD

JUMP FORWARD▶▶

Press the button▶▶to go to the next track.

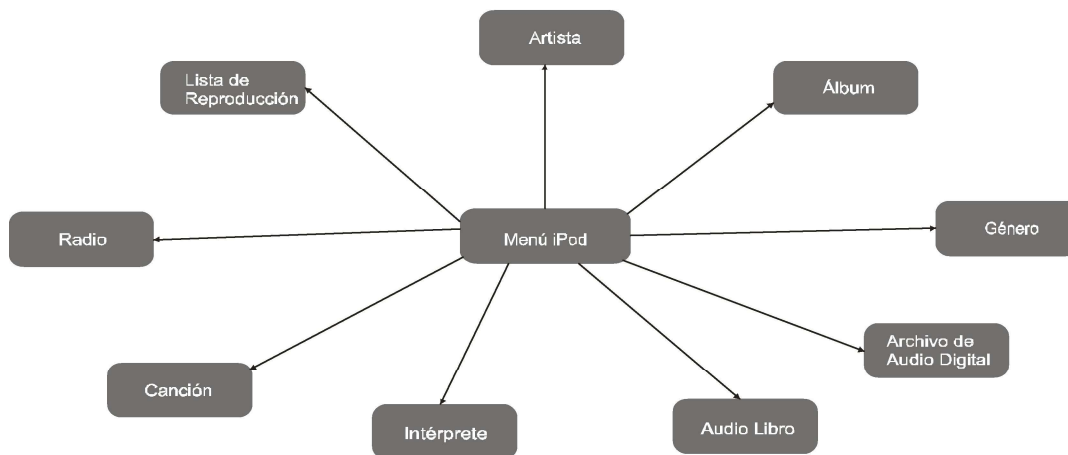
FAST FORWARD ON THE SAME TRACK

Fast forwarding of the track is activated by pressing the button▶▶so that playback on the same track is possible.

IPOD MENU

In iPod mode it is possible to access the different options for music playback, press the folder button in order to access these features.

Compatible Devices: iPhone 5, iPhone 5c, iPhone 5s, iPhone 6, iPhone 6 Plus, iPhone 6s, iPhone 6s Plus, iPod touch 5th GEN, iPod Nano 7th GEN.

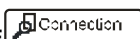


Note:For iPod MODE playback, it is recommended to use the manufacturer's original cable.
The operation of the unit is according to the connected device.

10.- BLUETOOTH FUNCTIONS

10.1 PHONE MENU

CONNECT PHONE



Go to the phone menu and select the Connection option, the connection mode will be activated, the name with which you can identify the unit is "My Car".

The search mode remains active for 2 minutes, if during that time there is no connection with any external device, the unit will end the search mode and return to the current playback mode.

DEVICE SELECTION



The unit is capable of storing 5 mobile devices with Bluetooth connection, press the Selection button to access this menu, in it you can choose one of the different previously connected devices.

Press the name of the device you want to connect, the bluetooth function must be activated on the mobile device and within the connection range of 10 meters to make a connection properly.

REMOVE DEVICE FROM LIST



Within the Connection menu there is the possibility of removing each of the connected devices from the list, select the device that you want to remove from the list and then press CANCEL.

Note: The remove function only removes the selected device name from the device list, even if the device name does not appear in the list the bluetooth connection is still present.

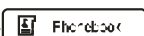
REMOVE THE DEVICE CONNECTION



Within the Connection menu there is the possibility to delete the connection of the connected devices, select the device from which you want to delete the connection and press the DELETE button and confirm by pressing OK.

Note: To reconnect that device, go to the list of connected devices and touch the name of this device in the list.

TELEPHONE DIRECTORY



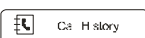
When the connection between the mobile device and the unit is complete, PHONEBOOK download may start automatically, depending on the model of the mobile device. Sometimes it is necessary to confirm this action from the mobile device.

To view the phone book, enter the directory menu to see the names of the contacts stored in the mobile device's memory.

MAKE A CALL FROM THE PHONEBOOK MENU:

Enter the phone book menu, press the name of the contact you want to make a call to and confirm by pressing the desired number again.

CALL HISTORY



Enter the call menu to view the history.

RECEIVED CALL



Up to 10 incoming calls to the mobile device can be stored in this menu. Press the contact name of the received call to make a call from this menu.

OUTGOING CALL



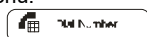
Up to 10 outgoing calls from the mobile device can be stored in this menu. Touch the name of the outgoing call contact to make a call from this menu.

LOST CALL



Up to 10 missed calls from the mobile device can be stored in this menu. Touch the contact name of the missed call to make a call from this menu.

DIAL NUMBER



Enter the DIAL NUMBER menu to enter the desired phone number on the numeric keypad that appears on the screen.

INCOMING CALL



Incoming call allows you to answer directly from the unit, press the answer button on the touch screen to accept the call and listen through the vehicle's speakers. Or answer directly from the mobile device to receive the call in private mode listening to the audio and speaking directly on the mobile.

BACK TO PREVIOUS MENU

In each action it is possible to return to the previous menu by pressing the BACK button.

HANG UP AND REJECT CALLS

Press the END CALL button on the LCD to end an ongoing or incoming call.

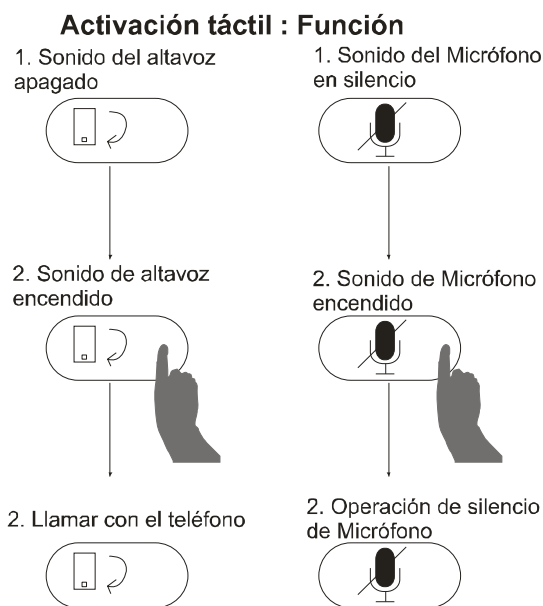
Note: While call mode is present, the main unit is capable of different functions.

SWITCH AUDIO TO PRIVATE MODE

Press the phone icon to transfer audio and microphone activation directly to the connected mobile device. To cancel this feature and return audio to the car speakers, press the microphone button again.

MICROPHONE MUTE

Press the MICROPHONE icon in order to activate the microphone mute function, so the person on the other end of the line during the call will not be able to hear what you say. To cancel this function, press the microphone button again.



10.2 AUTOMATIC CONNECTION

Every time the radio is turned on, it will try to connect to previously connected devices via Bluetooth. The unit will display the battery and phone signal symbol of the connected device when the connection is complete. The unit will start searching according to how they are displayed in the list of connected devices.

It will start with device number 1, in case the unit does not find this device, the unit will try to connect with device number 2, and so on until it finds one of the 5 devices listed.

In case some device was not found, the unit will disable the automatic connection function.

For this connection to be possible, it is important that the mobile device is within the connection range and with the bluetooth function activated.

NOTE: If a call comes in, the phone mode takes priority over any mode on the main unit and at the end of the call, the unit will switch to the previous playback mode. In case of BT Audio, at the end of the call the automatic playback will depend on the connected device.

The unit does not have voice commands available. The unit only follows instructions according to the connected device.

10.3 PLAYING MUSIC VIA BLUETOOTH

This section describes the commands available on the unit for playing files available on the mobile device via bluetooth.

ENTER BLUETOOTH AUDIO MODE

In the MEDIA MENU press the BLUETOOTH AUDIO option or in the MAIN MENU press the BLUETOOTH AUDIO icon.



The BLUETOOTH AUDIO function depends on whether the mobile device has the BLUETOOTH AUDIO profile.

Once the device is already connected to the unit, it is sometimes necessary to manipulate the device to play audio files via Bluetooth.

10.4 TRACK FORWARD AND BACKWARD

It is possible to navigate between the tracks, pressing the forward and backward buttons; similar to playback of USB devices.

10.3.1 TRACK INFORMATION

The information of the tracks that is shown on the screen as main characteristics are: TITLE, ARTIST & ALBUM

11.- CARPLAY

Available in select cars, CarPlay is a smarter, safer way to use your Apple device in the car. CarPlay takes the decisions you want to make with your device as you drive and places them on your car's screen. You can get directions, make calls, send and receive messages, and listen to music, all in a way that keeps you focused on the road. Just connect your compatible Apple device and you're good to go.

CarPlay features Siri voice control and is specially designed for driving scenarios. CarPlay also works with the car's controls (knobs, buttons, or the touch screen). The apps themselves have been redesigned for the car, so they can be used while your eyes and hands are behind the wheel.

11.1 ENTER CARPLAY MODE

Connect your compatible Apple device with the CarPlay application via USB cable. The head unit will automatically switch to the CarPlay screen.

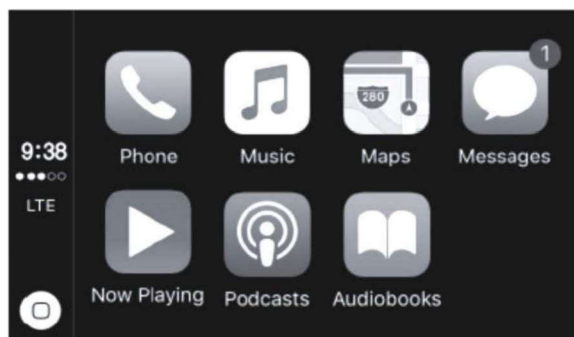


11.2 NAVIGATION IN CARPLAY MODE

Navigation in car playback mode depends on the availability of Apple company applications. For more information, visit the company's [website: http://www.apple.com/ios/carplay/](http://www.apple.com/ios/carplay/)

11.3 CARPLAY MODE

NOTE: To use CarPlay you need a CarPlay compatible radio and a phone running iOS 9 or higher. For the operation of some applications it is necessary to have mobile data or an internet connection.



PHONE: CarPlay uses iPhone contacts to help you make calls. Use "Show Contacts" to display your favourites, recent calls, contact list, keypad, and voicemail.

MUSIC: Use this feature to access the music on your Apple device (including songs, artists, albums, and playlists). Or, sync it with Radio. CarPlay also allows you to use other audio applications that you download to your device to play podcasts, music, or listen to the radio.

Use the "Now Playing" screen to control playback, or use your vehicle's steering wheel controls.

MAPS: Get turn-by-turn directions, get traffic conditions and approximate travel time. CarPlay generates possible destinations from your email addresses, your text messages, your contacts, and your calendars, based on the places you usually go. You can also search for a location or use the locations included in your bookmarks.

MESSAGES:When you open MESSAGES, Siri automatically activates to read your incoming messages or allows you to dictate a new message. Let Siri help you send, listen to, and reply to text messages.

CURRENT PLAYBACK:When there is a music application playing, in this menu it is possible to go directly to that application by pressing this button.

GO BACK:The NISSAN icon is included in the main menu of the CarPlay application, which is used to go to the main screen of the unit or disconnect the Apple device.

PODCAST:Use this app to play Podcasts stored on your Apple device.

AUDIO BOOKS:Use this app to play AudioBooks stored on your Apple device.

SIRI AND MENU:Use this button to activate the Siri function or to return to the CarPlay main menu.

11.4 EXIT CARPLAY MODE

In the main screen of the CarPlay application, the NISSAN icon is included, press this button to return to the main screen of the unit, or disconnect the Apple device.

NOTE: For the correct operation of CarPlay, the use of original cables is recommended.

Compatible Devices iPhone 5, iPhone 5c, iPhone 5s, iPhone 6, iPhone 6 Plus, iPhone 6s, iPhone 6s Plus, iPod touch 5th Gen, and iPod Nano 7th Gen.

12.- ANDROID AUTO

Android Auto was designed with security in mind. With a simple, intuitive interface, steering wheel-mounted controls, and powerful new voice actions, it's designed to minimize distraction so you can stay focused on the road.

To use Android Auto you need an Android Auto compatible radio and a phone running Android 5.0 (Lollipop) or higher. When the Android phone is connected to the compatible radio or vehicle, Android Auto will display the apps on the vehicle screen. For more information and to see the compatibility of the devices, visit the page: support.google.com/androidauto

12.1 ENTER ANDROID AUTO MODE

Connect via USB cable the device compatible with the Android Auto application and on the screen of the unit to configure the settings on the mobile device, in order to match the information between the two equipment.

The settings configuration is exclusively for the first time, after the preliminary settings the Android Auto App will run automatically.



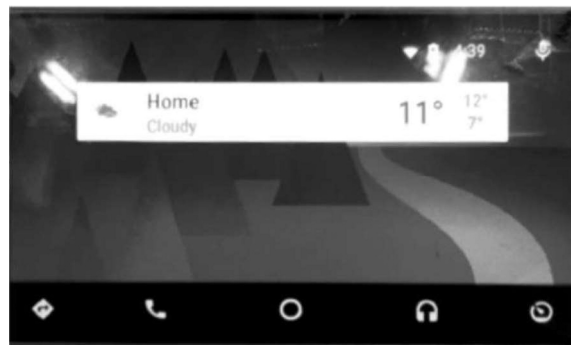
12.2 MAIN APPLICATIONS IN ANDROID AUTO MODE

MAPS: Get turn-by-turn directions, get traffic conditions and approximate travel time. Android Auto generates possible destinations from your email addresses, your text messages, your contacts, and your calendars, as well as the places you usually go.

You can also search for a location or use the locations included in your bookmarks, you can even use the locations included in your bookmarks. You can even use apps and receive notifications from the MAPS app while on the road.

PHONE: Android Auto uses your phone's contacts to help you make calls. Use "Show Contacts" to show your recent calls, your contact list, the keypad, and your voicemail.

MAIN MENU: Use this button to return to the main menu.



Maps Phone Main Google Menu
Music

GOOGLE MUSIC: Use this app to access the music on your device (including songs, artists, albums, and playlists). Or, sync it with Radio. Android Auto also allows you to use other audio applications that you download to your device to play them or listen to the radio.

Use the "Now Playing" screen to control playback, or use your vehicle's steering wheel controls.

MENU: In this menu it is possible to see different Android Auto settings. Such as: vehicle configuration, system configuration, roadside support, etc.

If the settings are done, it is possible to enter the Android Auto mode, by pressing the icon on the Android Auto screen on the main screen of the unit

NOTE: For the correct operation of Android Auto, the use of original cables is recommended.

If the radio link configuration is deleted on the mobile device, when connected again, the link configuration must be performed to enter the Android Auto function.

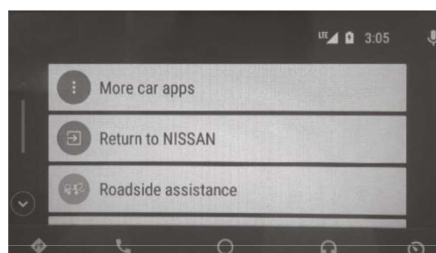
12.3 NAVIGATION IN ANDROID AUTO MODE.

NAVIGATION on Android Auto depends on the availability of Google company applications.

For more information, see the [page: https://www.android.com/auto/](https://www.android.com/auto/)

12.4 EXIT ANDROID AUTO MODE

The screen displays the legend "return to NISSAN", press to return to the unit's main screen or disconnect the mobile device.



NOTE: For the operation of some applications it is necessary to have mobile data and an internet connection.

13.- GENERAL PRECAUTIONS

- 1.- This device is equipped with high sensitivity buttons; avoid applying excessive force to operate them as it may damage them and reduce their lifespan.
- 2.- Do not open the covers. The device has no internal parts that can be repaired by the user. If an object falls into the unit during installation, consult your dealer or authorized service center.
- 3.- Use a soft and dry cloth to clean the control panel, NEVER use rough cloth, thinner, gasoline, alcohol, etc. If the unit is dirty, apply a little warm water to a soft cloth and carefully wipe off the dirt.
- 4.- Do not insert foreign objects into the auxiliary inputs (screwdrivers, blades, metal objects, etc.) as this may damage the equipment and this damage will not be covered by the warranty.

14.- RECOMMENDATIONS FOR THE USB DEVICE

WHEN USING USB DEVICES:

- 1.- Use only certified USB, you can see that the USB device is certified when it has a USB logo engraved or printed on the body of the device.
- 2.- To avoid damage to the USB drive device, we recommend that before removing the USB drive, you change the operating mode or turn off the drive.
- 3.- This equipment is designed to read the USB 1.1 and 2.0 reading protocol, check that the reading protocol of your USB device is compatible with the unit.
- 4.- If the USB device cannot be read by the unit, the files may not be recorded correctly.
 - 4.1.- Format the USB device using the commands of your PC.
 - 4.2.- Create file, MP3, WMA or AAC folders on your PC hard drive by naming the USB folder and save only MP3, WMA, AAC files in those folders.
- 5.- The USB connector is available for the connection of USB devices.

FCC interference Statement

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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.

CAUTION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

FCC Conditions

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.

RF Exposure Warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be

co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.