

Manual Radio M903AT



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For your information

Introduction

- Use your RADIO M903AT in such a way that you have, in every traffic situation, the vehicle under complete control; for example, do not write text messages while driving, do not dock or connect the phone, do not work with the contact list, - otherwise there is a risk of an accident!
- Arrange your telephone cable in such a way that it does not interfere while driving.
- Adjust the volume so that acoustic signals from outside can always be heard (eg sirens from vehicles such as police, ambulance and fire brigade, etc.).
- If you use an excessive volume, it could cause damage to your ears!

 Important

- The instruction manual contains important information and precautions regarding the operation of this equipment.
- The product may undergo changes without prior notice, which are not included in this manual.
- You can void the warranty of your product, its manipulation by unauthorized personnel, its uninstallation and the installation of accessories that are not supplied by the service and customer service network.
- The CarPlay and Android Auto applications are specific to your mobile phone, which can be updated or modified without prior notice, without affecting your RADIO M903AT product.

security recommendations

- Please read these instructions carefully.
- Pay attention to all safety warnings.
- This equipment is designed to be used on a vehicle with a 12V DC battery and negative ground.
- Do not operate the equipment in any other way than described in this manual. Failure to follow directions will void your warranty.
- Do not disassemble or modify the equipment in any way, or the warranty will be voided. Do not try to repair or service the equipment yourself, it can only be repaired by authorized services.
- Use only original accessories that are designed and manufactured for the equipment, otherwise you risk damage.
- Protect the equipment from water and other liquids that may enter the casing, as there is a risk of a short circuit and can even cause a fire.
- To avoid a short circuit, do not stick or stick metallic objects (for example, coins or metal tools) inside the equipment.
- Be careful not to drain your vehicle's battery.
- Do not use this product for long periods of time with the engine off, as it may not have enough power to start the vehicle.
- Do not watch movies, television, or moving videos.

Panel frontal

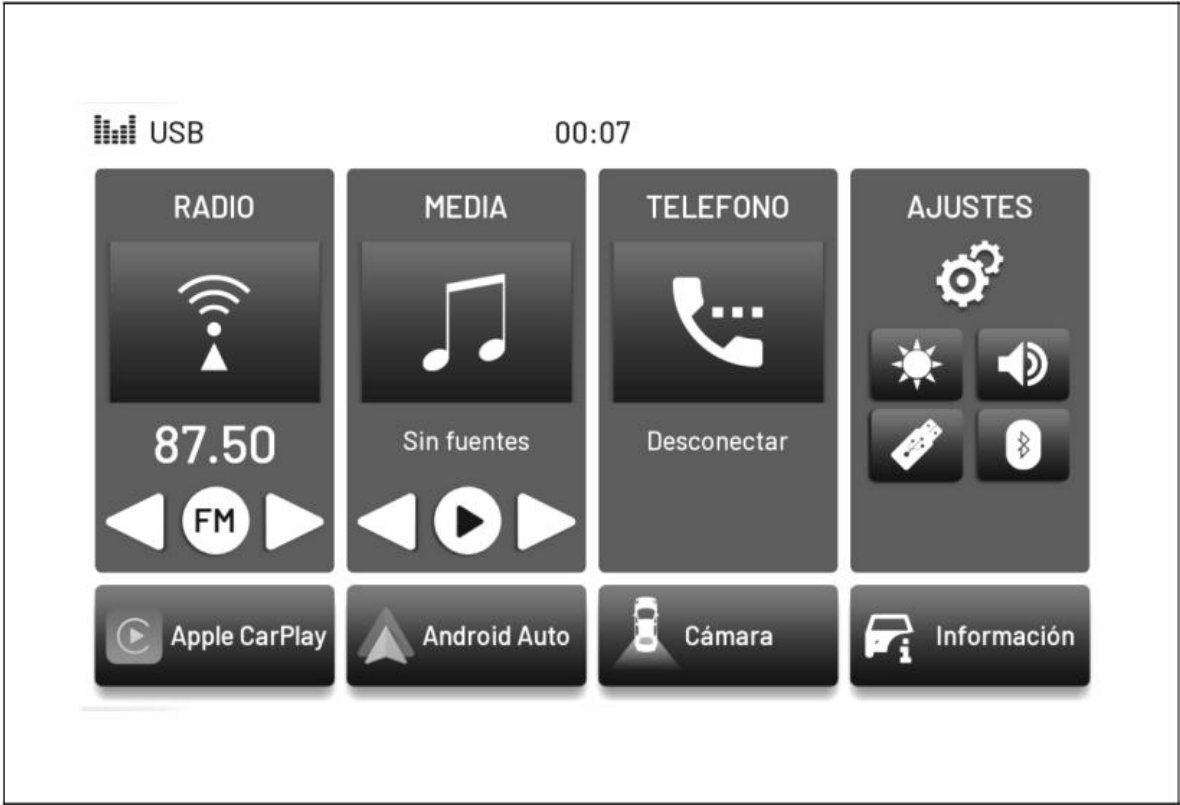
Equipment Overview



- 1 Main Menu button.
- 2 Talk button. Press to interact with Android and iPhone assistants.
- 3 Increase volume.
- 4 Decrease volume.
- 5 Mute function slide down the + button

Menu M903AT

Main menu



Summary Menu M903AT



FM/AM radio menu - listen
local stations



Media menu - menu
media playback



Call menu - access the menu
of calls



Settings - computer system settings



Adjust screen brightness – adjust
the brightness level or turn off the
screen of your device and keep its
functions active



Equalization - audio settings



USB - play image, video and audio
files



Bluetooth audio - play music through
devices with
Bluetooth



Apple CarPlay - connect your I-
Phone, see page ()



Android Auto - connect your
Android phone, see page ()



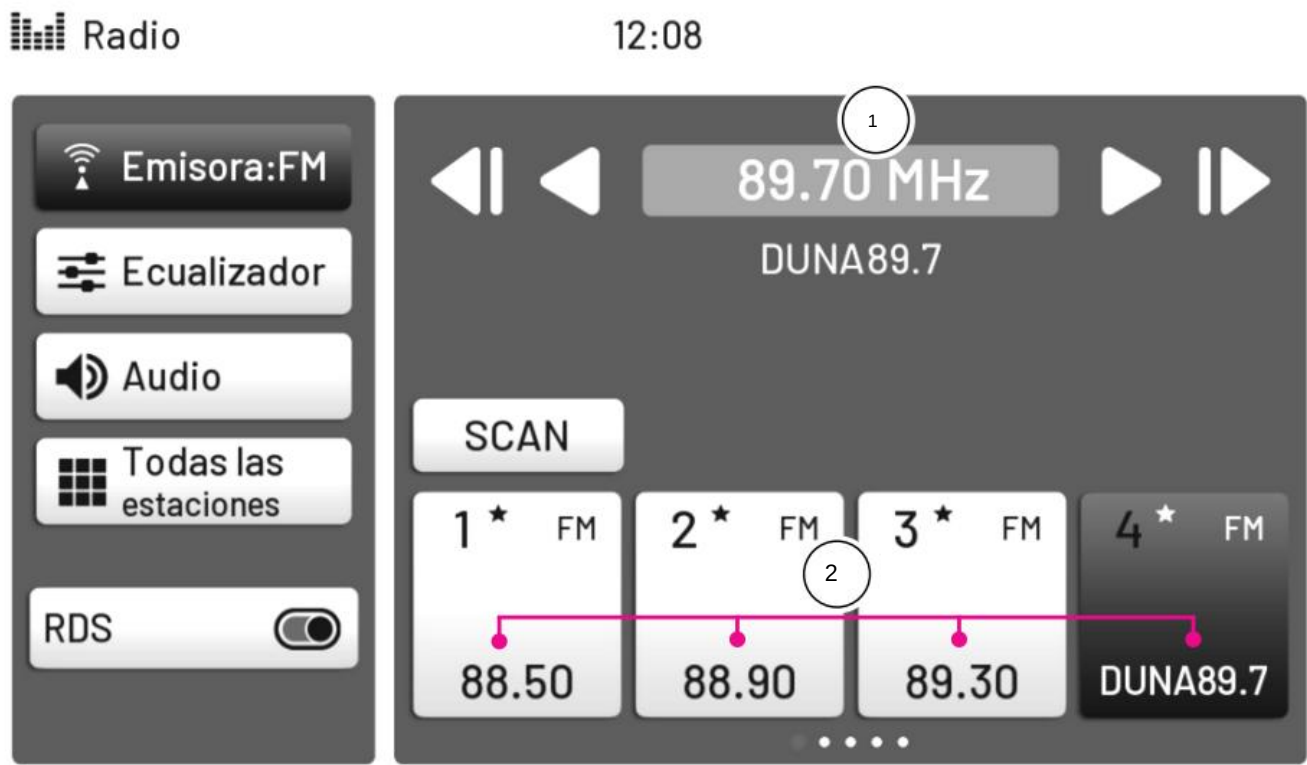
Camera - access your camera
recoil



Information - vehicle

Radio

Main menu

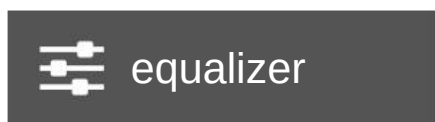


1 Selected station number.

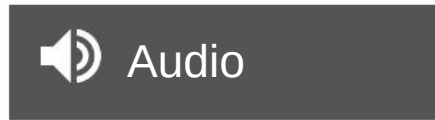
2 Favorite stations.



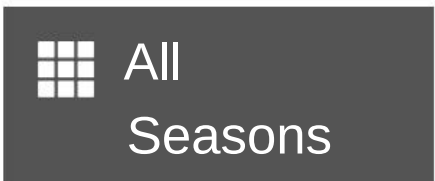
Press to select FM/AM frequency.



Press for direct access to equalizer settings.



Press for direct access to the audio settings menu.



Press to see all stations found.



Press to seek, it will stop at the station with the strongest signal.



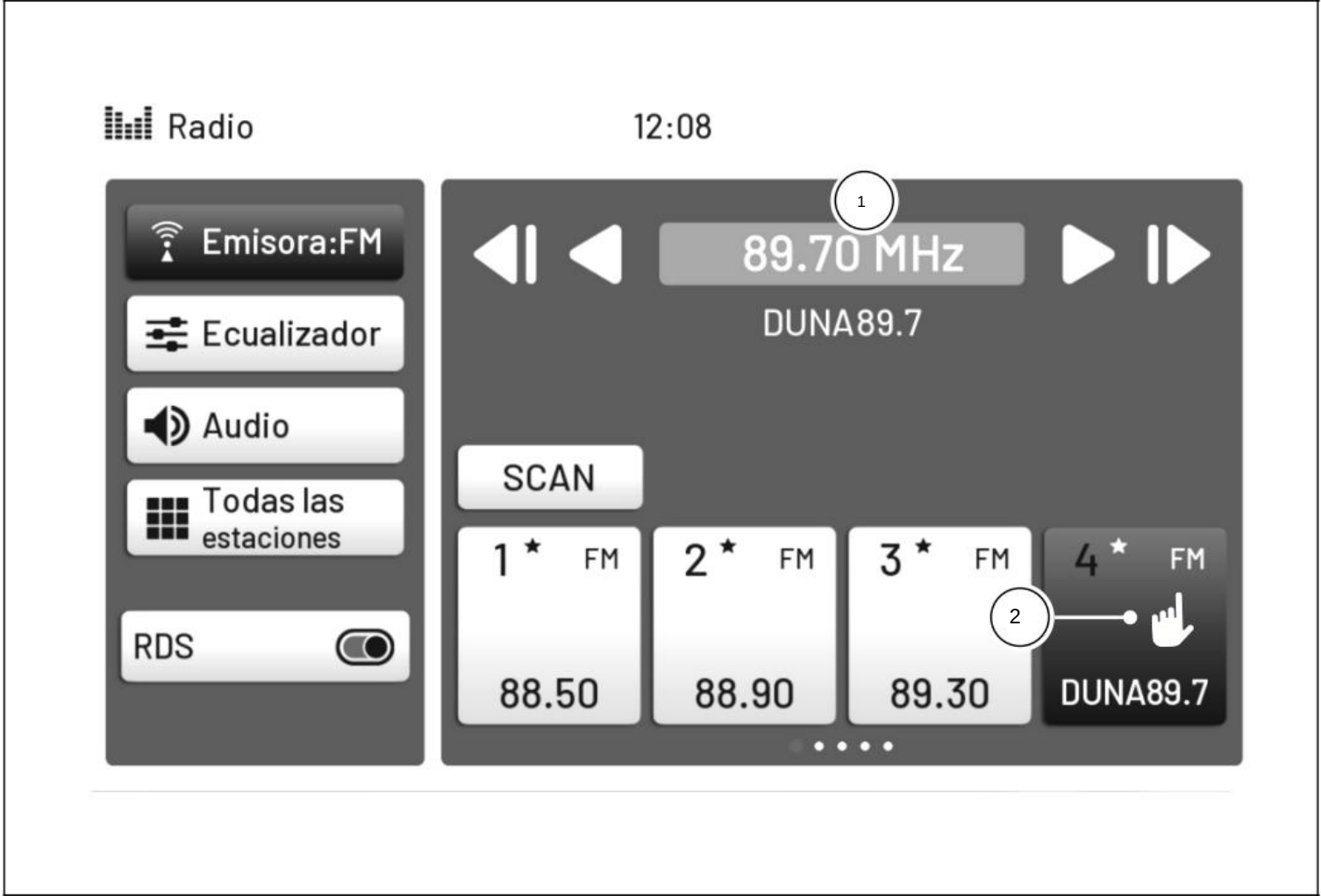
Press for a more fine adjustment of the desired frequency.



Press to start automatic station search.

favorite stations

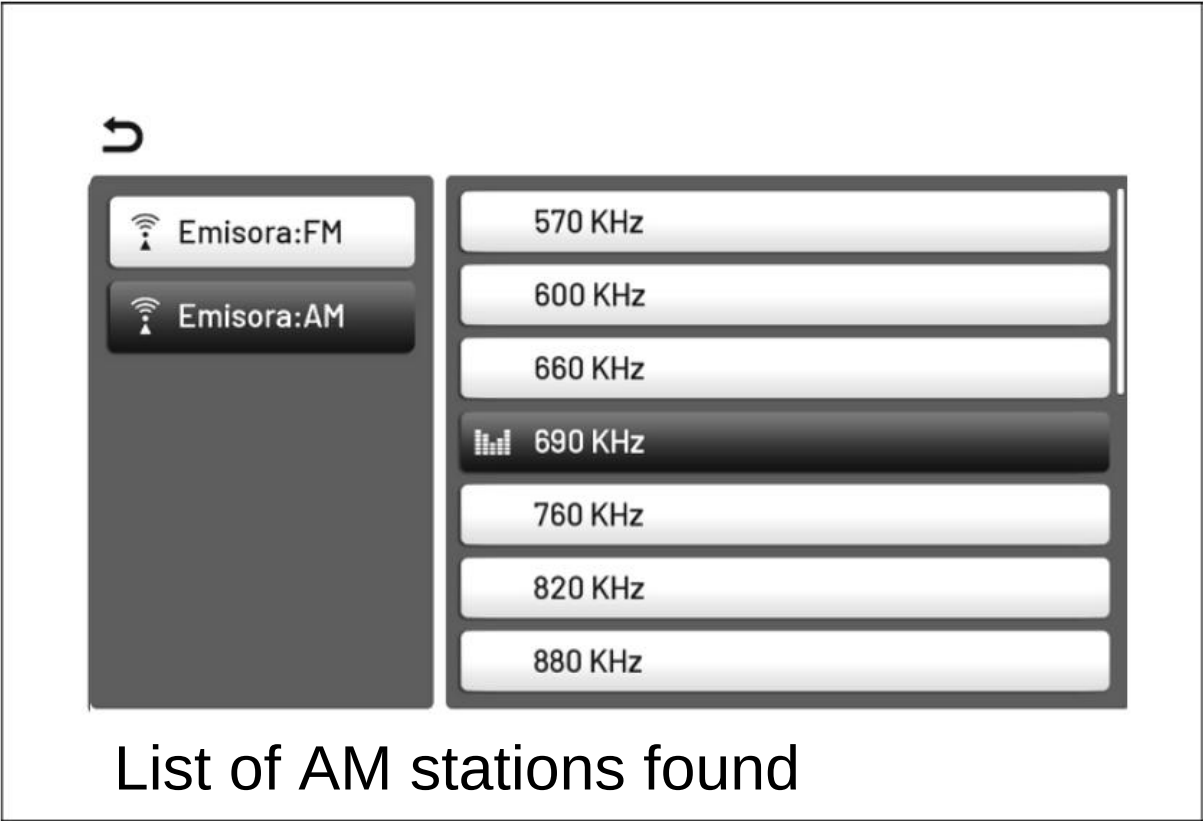
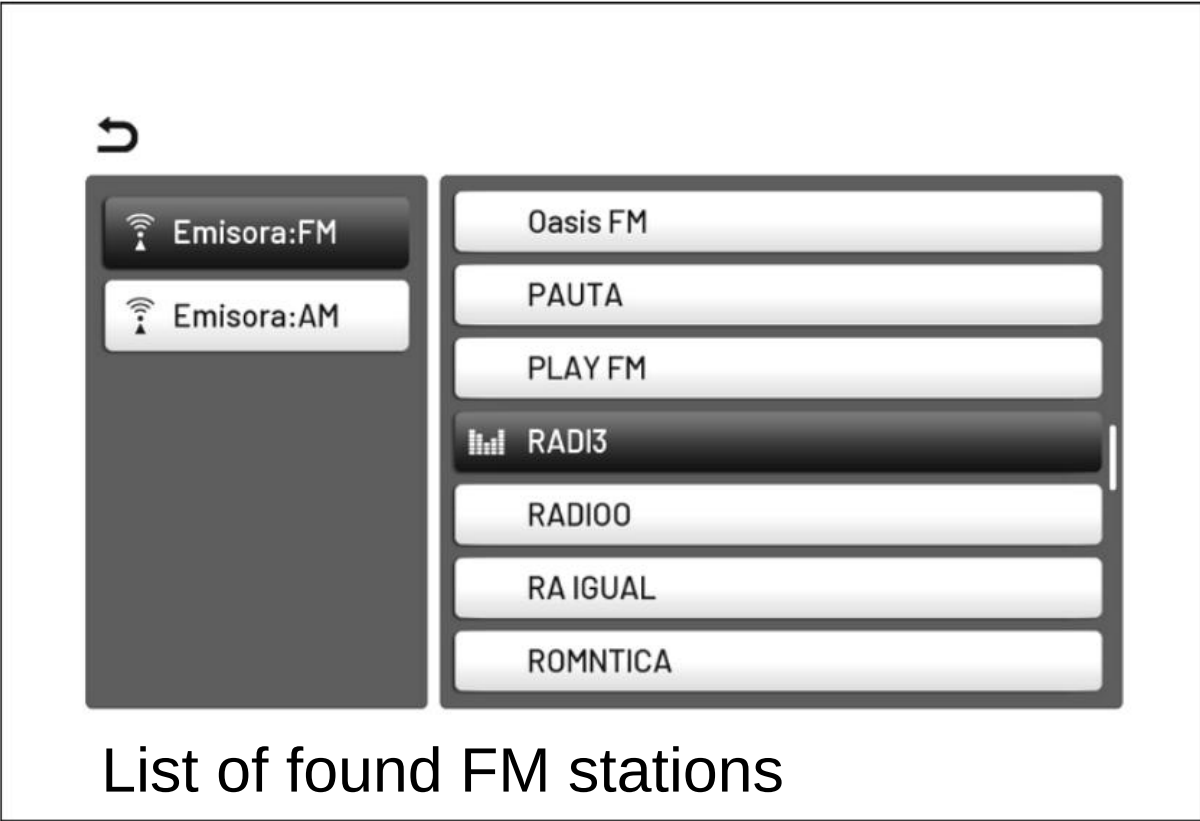
This feature allows you to add your favorite stations to the main radio menu for quick selection. Stations can be stored in the radio's memory as follows:



- 1 Tune in the desired station.
- 2 Press and hold the selected memory and the same previously selected station appears.

Note: Up to 20 favorite stations can be stored.

automatic search



- You can perform an automatic search of all the available stations, at the end of the search you will see a list with the stations found.
- To start the search press the "SCAN" button in the main menu, then to display the list of stations found press the "ALL STATIONS" button 
- You can store up to 28 stations in the station list.

telephone

main menu

To display the main phone menu press the icon



- 1 Device: display of the list of devices linked to your radio.
- 2 History: View the list of recent calls.
- 3 Contacts: display of the list of phone contacts.
- 4 Favorites: display of favorite contacts.
- 5 Dial: Manual dialing of a phone number.

Bluetooth Mode - Bluetooth Considerations

 Important

If your mobile phone is compatible and does not appear in the device search, make sure that Bluetooth is activated and set to "visible to all devices".

Bluetooth connections typically work within a range approx. 8m Obstacles in the way can decrease the range.

To use the built-in hands-free device, you must first pair your mobile phone.

It cannot be guaranteed that all mobile phones can be paired and that they all work properly.

 HANDS-FREE DISCLAIMER
BLUETOOTH ®

The types of Bluetooth ® devices (including mobile phones) that can be connected to the hands-free system are limited, and even among compatible devices, there are some that may not work reliably with this product.

Manufacturers of Bluetooth ® devices may incorporate certain changes, within this standard protocol, during the life cycle of your M903AT radio. These changes are out of the control of this product and may become an impediment to Bluetooth ® mode.

Bluetooth Mode - Connection

Connection and bonding

The range of the telephone connection to the equipment is limited to the passenger compartment.

To link a phone via Bluetooth with the radio, it is necessary to link the two devices together.

The pairing process depends on whether or not there is another phone connected to the device when pairing a new device.

Pairing and connection process

To link a device, please make sure that the device you want to connect to the unit is turned on and has the resources to detect and search for it.

Pairing and connection process

- Press the search button.
- Your device will appear in the list.
- Select your device and confirm the automatically generated password.

During the pairing and connection process, indication notices are displayed on the equipment screen as well as on the phone screen. These notices should be considered and confirmed (authorizing contact import or Bluetooth player connection, etc.)

*Up to 5 mobile devices can be stored for quick pairing.

device list



In the devices menu you will find the list of linked devices.

audio profile/
profile / audio
calls
Bluetooth



If you have two Bluetooth devices, you can connect one for call profile and the other as bluetooth player profile, as shown in the picture “SMARTPHONE 1” is connected as Bluetooth player and “SMARTPHONE 2” is connected as phone for calls.

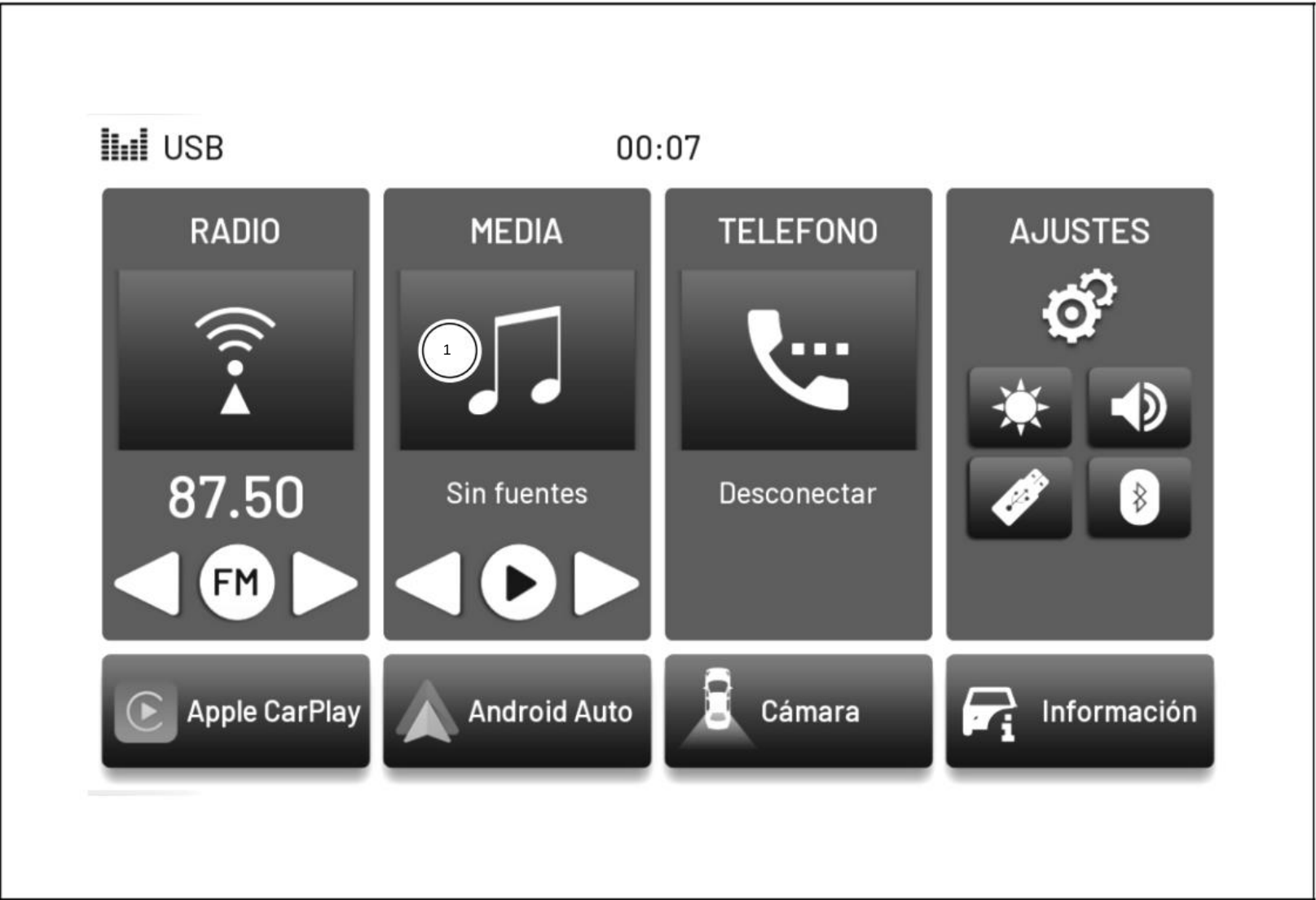
You can make this type of connection with any phone that is on your list of Bluetooth devices. Cannot connect two devices for calls or two devices as Bluetooth player.

The following connection profiles may appear in the list of paired Bluetooth devices:

SYMBOL	COLOR OF SYMBOL	FUNCTION
	GREY	The equipment can be connected as a telephone
	BLUE	The device is connected as a telephone
	GREY	The equipment can be connected as a Bluetooth player
	BLUE	The device is connected as a Bluetooth player

Audio Bluetooth

Direct access from the main menu



1 In the main menu you will find an access to the Bluetooth player without the need to enter the Bluetooth Audio Main Menu.

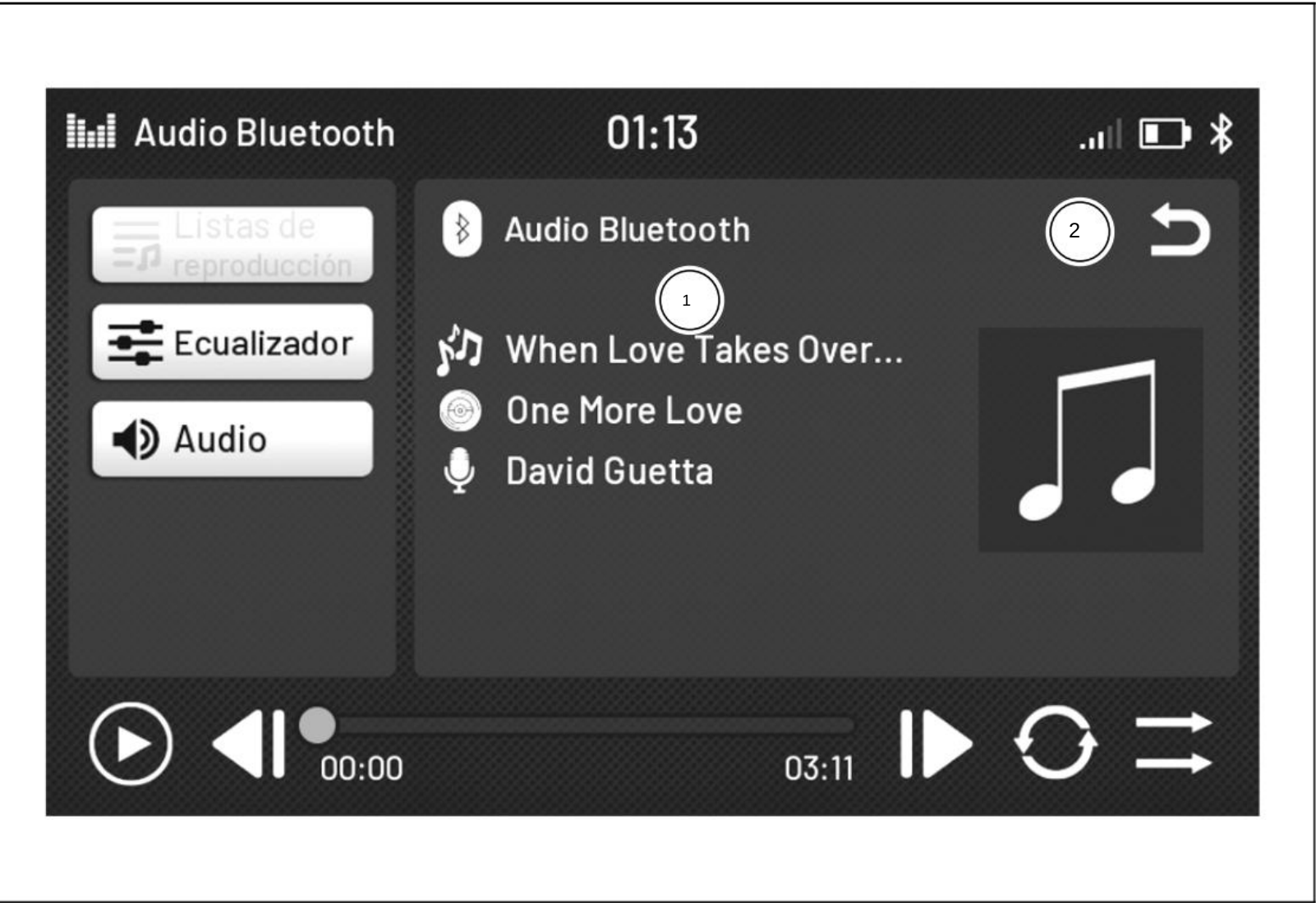
state symbols

-  Signal strength of the telephone service network.
-  Charging status of the connected phone.
-  Phone connected in Bluetooth mode.

Audio Bluetooth

Main Menu / Bluetooth Playback

To display the main phone menu press the icon



1 Information of the currently playing song.

2 Press to return to the previous menu.



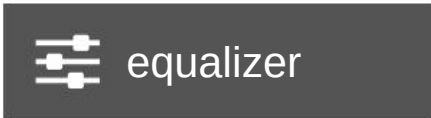
Previous track, next track.



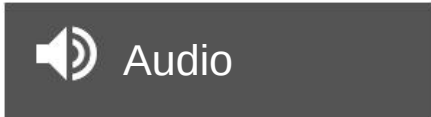
Play track, pause track.



Repeat track, repeat song.



Direct access to equalizer settings.



Direct access to audio settings.

Audio USB

Main Menu / USB Playback

To view the USB main menu, press the icon from the main menu of your device



1 Information of the currently playing song.

2 Press to return to the previous menu.



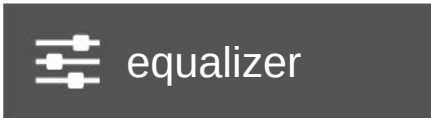
Previous track, next track.



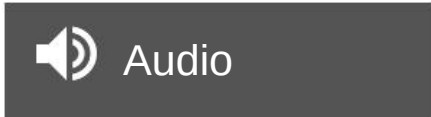
Play track, pause track.



Repeat track, repeat song.



Direct access to equalizer settings.



Direct access to audio settings.

USB

USB device storage menu

To display the USB storage menu, press the "Playlists" button in the USB playback menu



In the USB menu you will find different modes of playback:

Music, video and image. You just need to connect your device to the USB port.

- 1 Album playback mode.
- 2 Music genre playback mode.
- 3 Playlist playback mode.
- 4 Video playback mode.
- 5 List of images.
- 6 Folder list.

Audio USB

All the songs

To view all the songs press the "All songs" button



- 1 View all songs.
- 2 Press to return to the previous menu.

Audio USB

Artists

To view your music by artists, press the "Artists" button



- 1 Viewing artists stored on your USB device.
- 2 Press to return to the previous menu.

Audio USB

albums

To view your albums, press the "Albums" button



- 1 Viewing the albums stored on your USB device.
- 2 Press to return to the previous menu.

Audio USB

Genres

To view your music by genres, press the "Genres" button

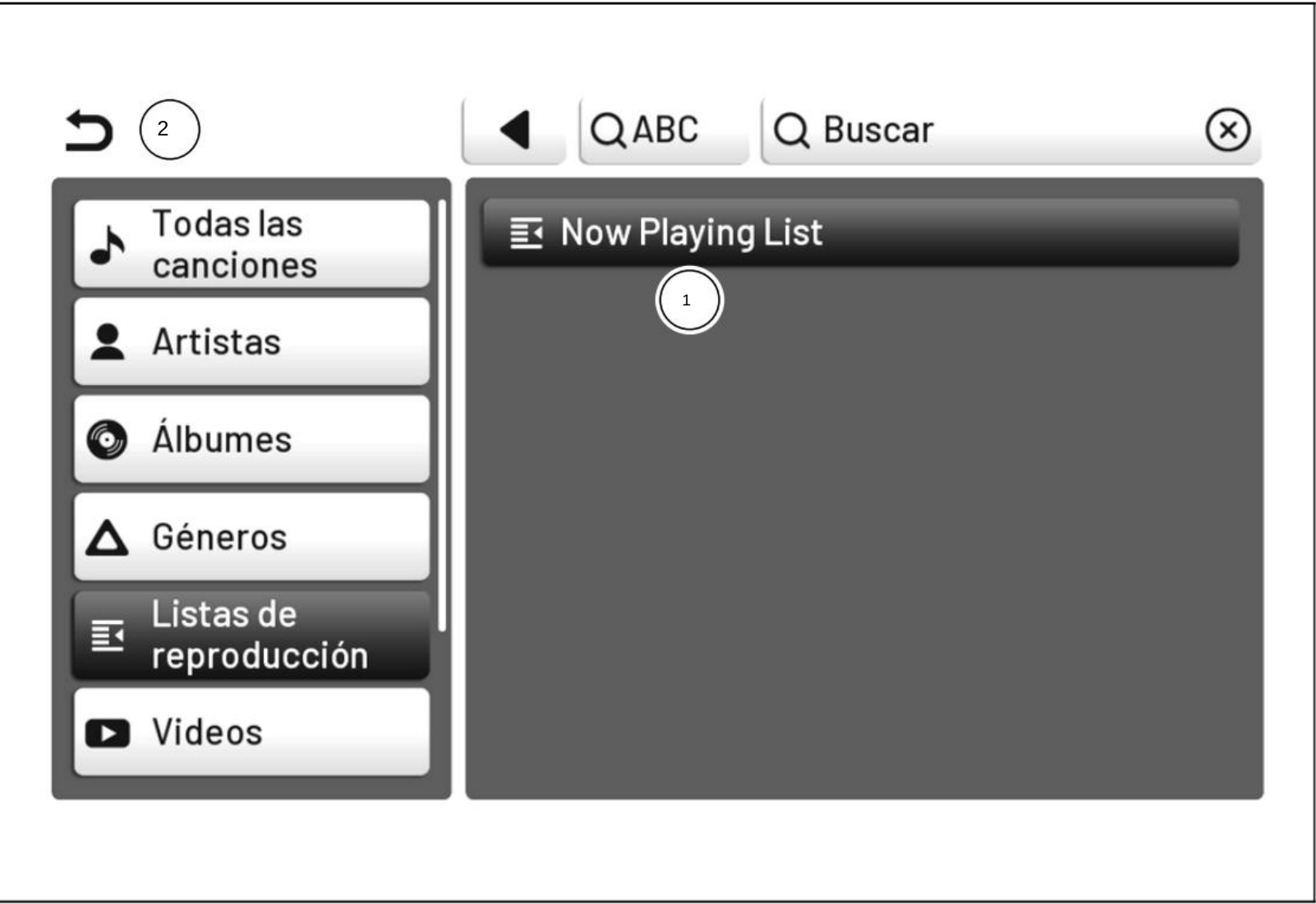


- 1 View music genres stored on your USB device.
- 2 Press to return to the previous menu.

Audio USB

Playlists

To view your playlists, press the "Playlists" button



- 1 Viewing your playlists.
- 2 Press to return to the previous menu.

Media USB

video playback

To view your videos, press the "Videos" button



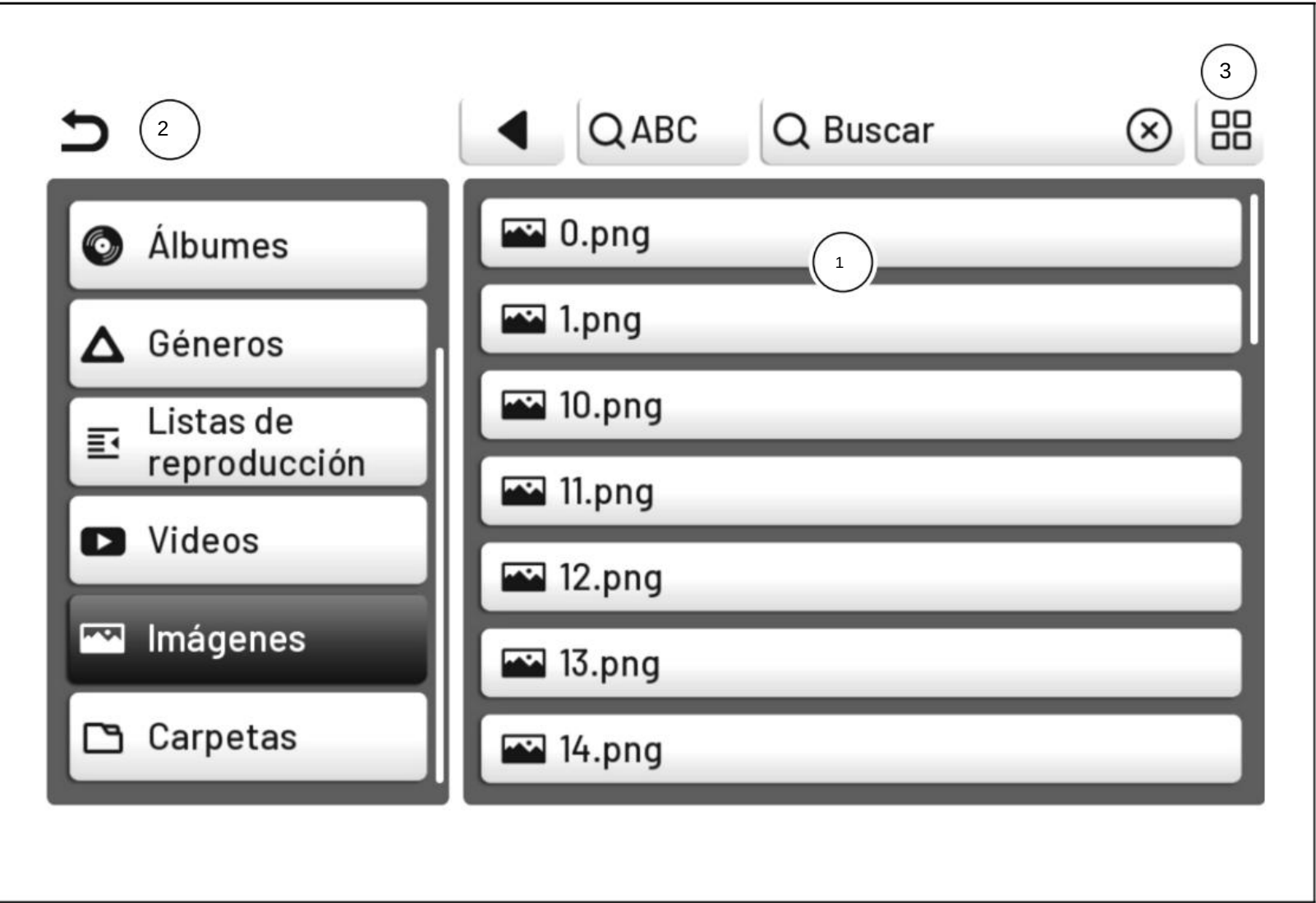
- 1 Viewing the videos stored on your USB device.
- 2 Press to return to the previous menu.

! YOU CAN ONLY PLAY VIDEOS AND IMAGES WITH THE VEHICLE STOPPED AND THE HAND BRAKE ACTUATED.

Media USB

Image Playback

To view your images, press the "Images" button



- 1 Viewing images stored on your USB device.
- 2 Press to return to the previous menu.
- 3 Press to view thumbnail images.

! YOU CAN ONLY PLAY VIDEOS AND IMAGES WITH THE VEHICLE STOPPED AND THE HAND BRAKE ACTUATED.

Media USB

folders

To view your folders, press the "Folders" button



- 1 Viewing the folders stored on your USB device.
- 2 Press to return to the previous menu.

USB

Playback of images / video



! YOU CAN ONLY PLAY VIDEOS AND IMAGES WITH THE VEHICLE STOPPED AND THE HAND BRAKE ACTUATED.

COMPATIBLE FORMATS:

Audio: mp3/flac/ogg/ape

Video: avi/mov/mkv/dat/vob/3GP/ape/rv/tp

smartphone connectivity

Use

Smartphone connectivity is via USB cable, be it Lightning for iPhone and Mini, Micro or USB C para Android.



Important

USB cables for both iPhone and Android must be of Quality. A cable in poor condition or of poor quality can cause:

- Slow data transfer
- Connecting and disconnecting the phone
- slow battery charging
- system freeze
- Other types of system abnormalities, such as poor audio quality and image pixelation

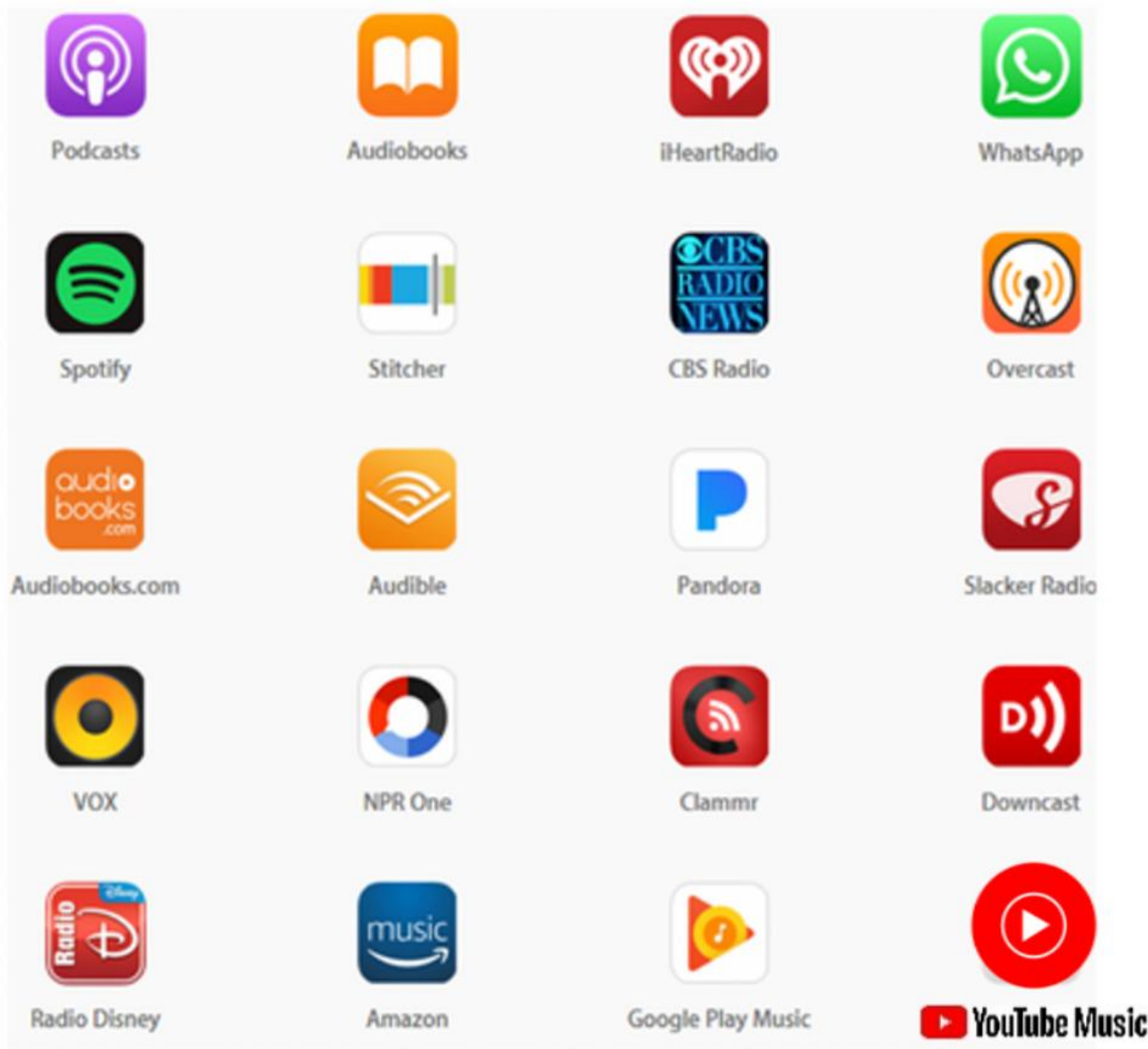
Apple Carplay

Initial setup

- 1. To connect for the first time, you must unlock your iPhone to access CarPlay features. two. On your iPhone, a message to authorize Carplay will appear when the device is locked.



Apps compatible with Apple Carplay



Wireless Apple Carplay

Initial setup

- 1. To connect the radio and your iPhone for the first time, you need to unlock your iPhone, turn on Bluetooth and Wi-Fi. two.

Enter Radio Adjustment. 3.

Go to my devices. Four.

Find Apple CarPlay devices 5.

Press search button.

Select smartphone on the radio. 6.

as Verify that the smartphone displayed on the radio is 7. the same

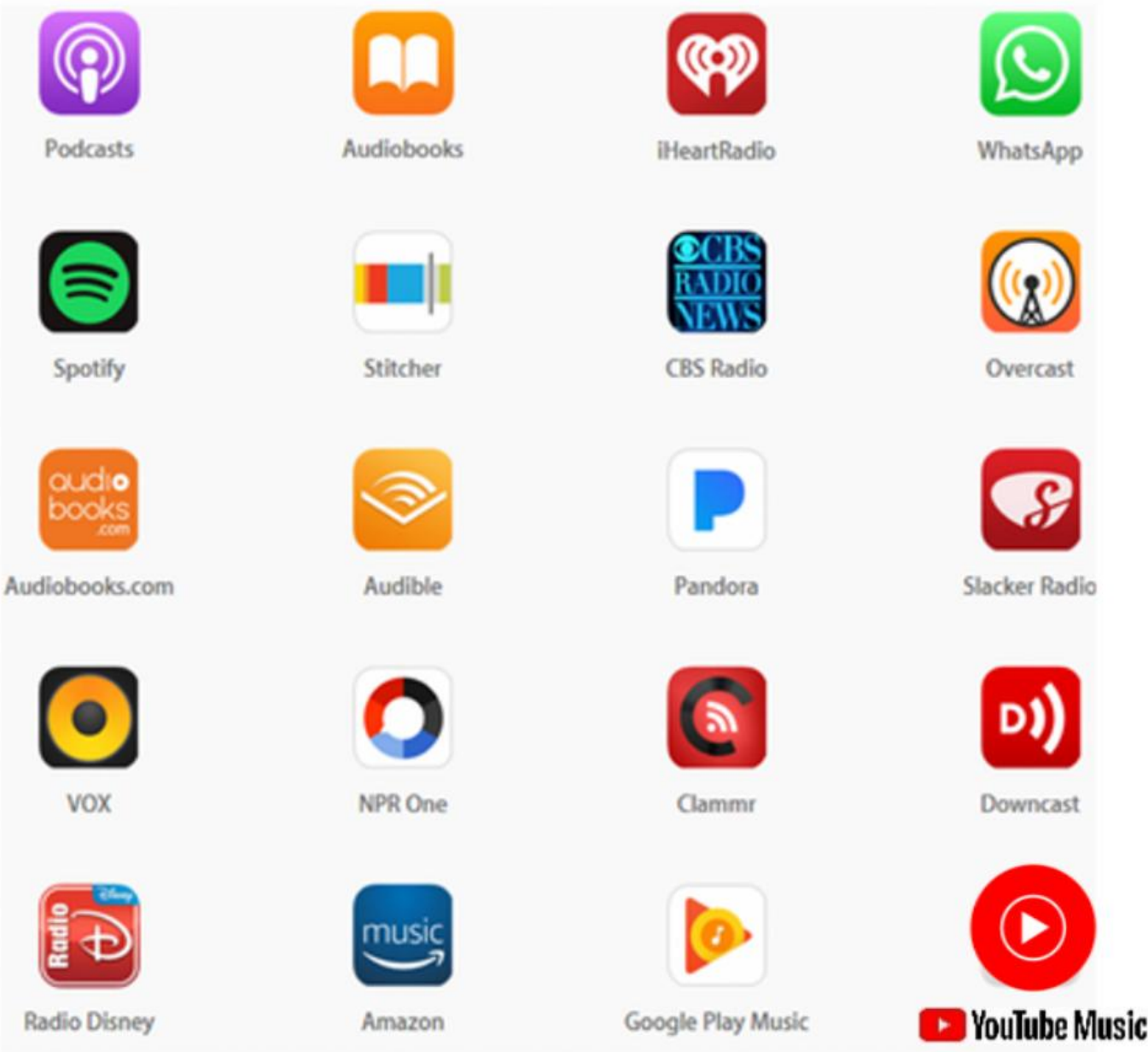
Select to enable CarPlay on the radio and on the smartphone. 9.

Wait while CarPlay connects wirelessly.

- 10. The wireless CarPlay function should now be enabled.

- 11. From iPhone 8 onwards the wireless CarPlay function is available

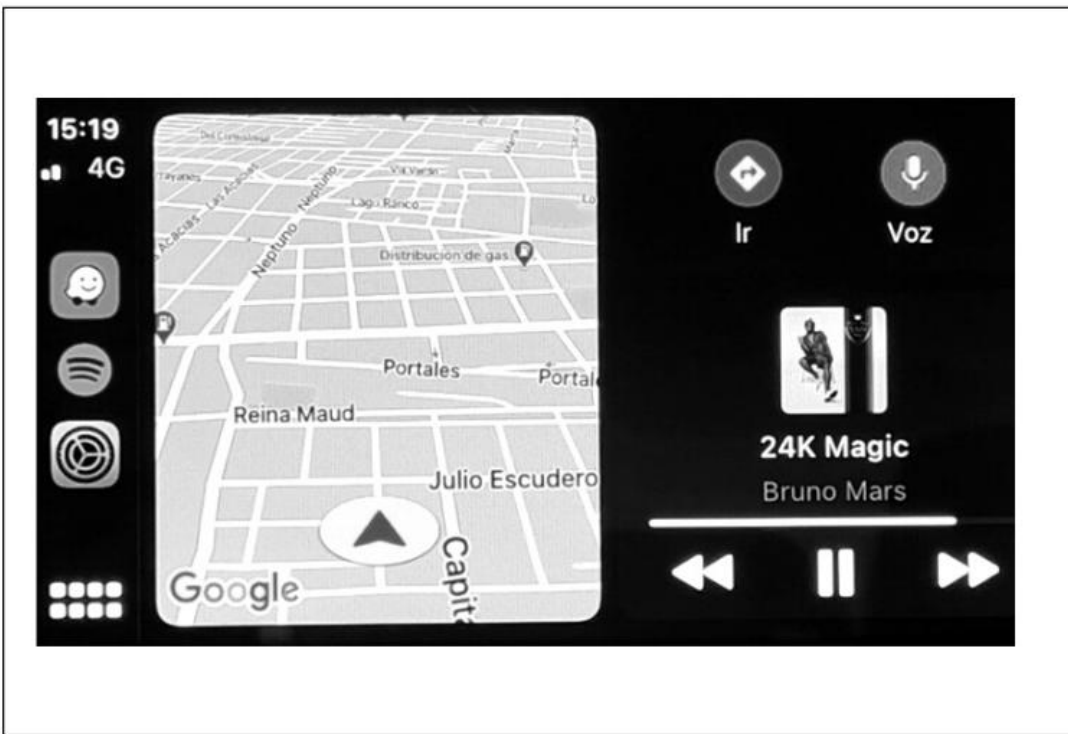
Apps compatible with Apple Carplay



Apple Carplay

Main menu

To display the main menu, press the icon



- You must be connected with the original cable of your iPhone in order to access the CarPlay menu. The CarPlay interface will automatically play on your radio.
- Keep your iPhone up to date.
- Keep your apps up to date.

! Important

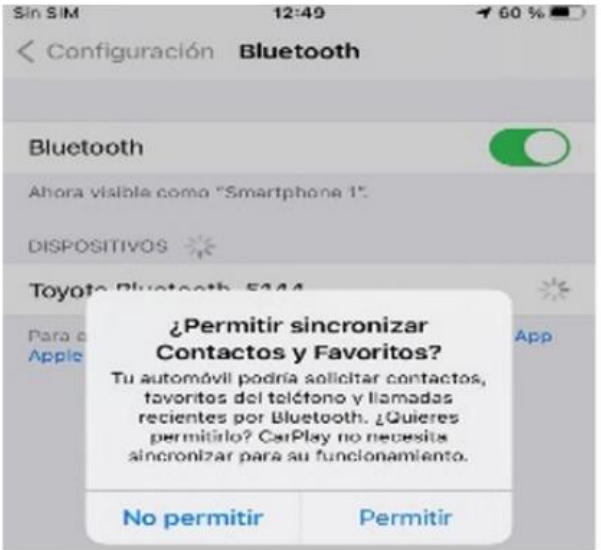
-If the Device has any version of Jailbreak installed, the CarPlay function will not work correctly.

-Apple Maps function must be available in your country.

Compatible phones

- | | |
|-----------------|-----------------|
| •iPhone 13 | • iPhone 6 Plus |
| •iPhone 12 | •iPhone 8 |
| •iPhone 12 mini | •iPhone 8 Plus |
| •iPhone 11 Pro | •iPhone SE |
| •MaxiPhone 11 | •iPhone 7 |
| •iPhone XS | •iPhone 5S |
| •iPhone XS | •iPhone 7 Plus |
| •iPhone XR | •iPhone 6s |
| •iPhone X | •iPhone 6s Plus |
| | •iPhone 6 |

APPLE CARPLAY - CONNECTION PROCESS 18



Android Auto - Initial Setup

Instructions

- 1.Download the Android Auto app from Google Play.
- 2. Plug your Android phone into the USB port.
- 3. Accept all legal notices and authorization requests required to use Android Auto on your Android phone.
- 4. Press HOME and then tap the Android Auto icon. The Android Auto interface will appear full screen on your radio screen. Touch and control apps.

verbal instructions

E I The user can give verbal instructions to their application Android Auto.
These can be:

- 1. Go to: "Toyota". By using this command, it displays the online map, which can be Waze or Google maps.
- 2. Play: If the user has Google Music or Spotify downloaded, for example, they can point to “Play Michael Jackson” and the system will display a playlist of the selected artist.
- 3. Call: The user can use the command Call “Dad” for example, and it will pick up the phone registered in the contact list. They can also be places like “Call Toyota”.

**Compatible phones: For optimal performance, it is recommended to use devices with an operating system higher than Android 6.0.

Wireless Android Auto - Initial Setup

Instructions

- To connect the radio and your smartphone for the first time, you must unlock your phone and turn on Bluetooth and Wi-Fi.
- Enter settings on the radio.
- Go to my devices
- Search for Bluetooth devices.
- Press search button.

- Select device on the radio.
- Verify that the number displayed on the radio is the same as the number on the device.
- Select enable on the radio.

- Wait while Android Auto connects wirelessly.

- Android Auto function is now enabled wireless.

verbal instructions

- The User can give verbal instructions to his Android Auto application. These can be:
1. Go to: “Toyota”. By using this command, it displays the online map, which can be Waze or Google Maps.

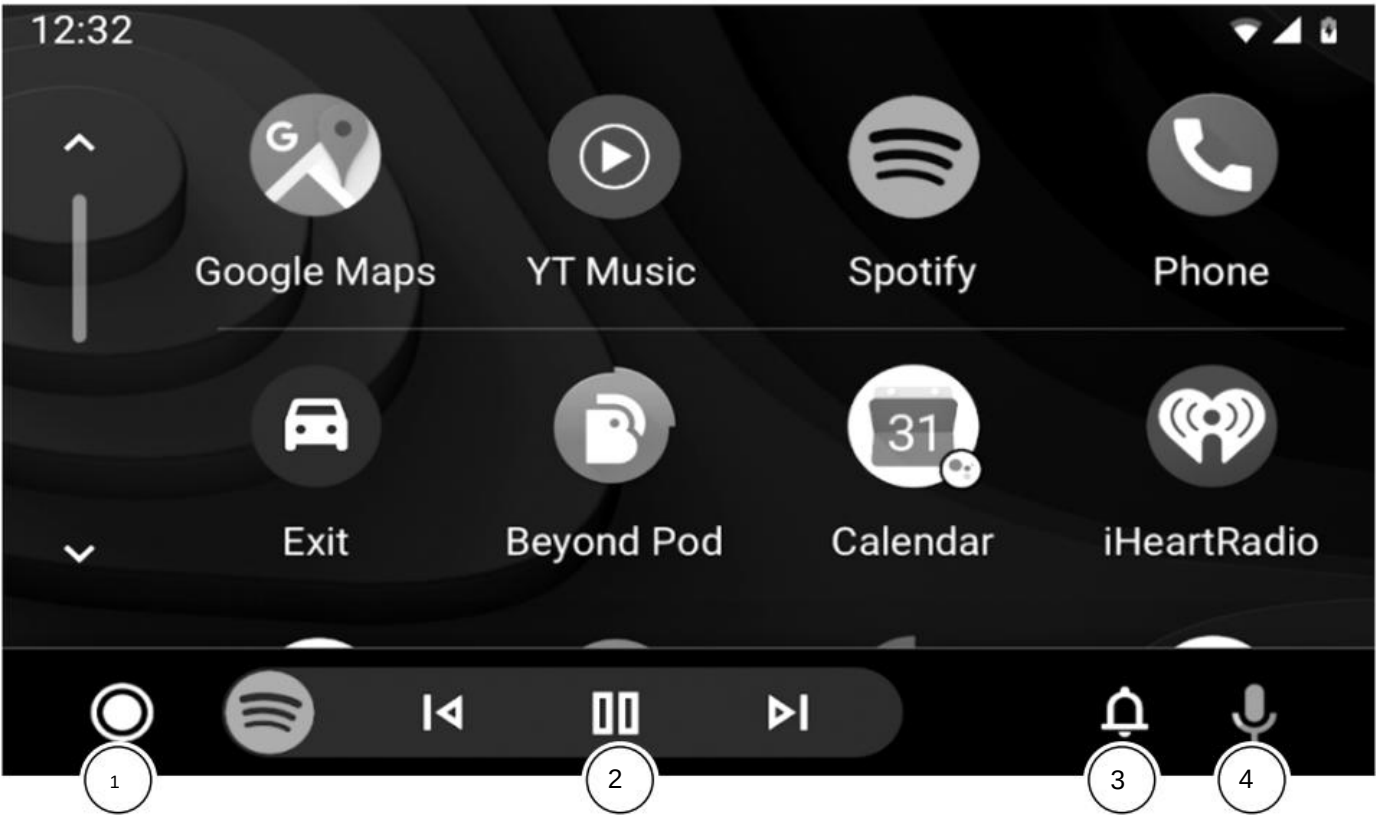
 2. Play: If the user has Google Music or Spotify downloaded, for example, they can point to “Play Michael Jackson” and the system will display a playlist of the selected artist.

 3. Call To: User can use the command Call “Dad” for example, and it will pick up the phone registered in the contact list. They can also be places like “Call Toyota”.
-
- **Compatible phones:** For optimal performance, it is recommended to use devices with an operating system higher than Android 6.0.

Android Auto

Main menu

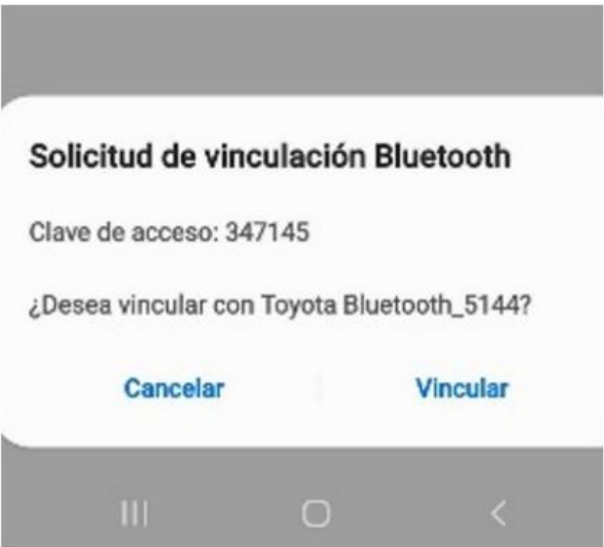
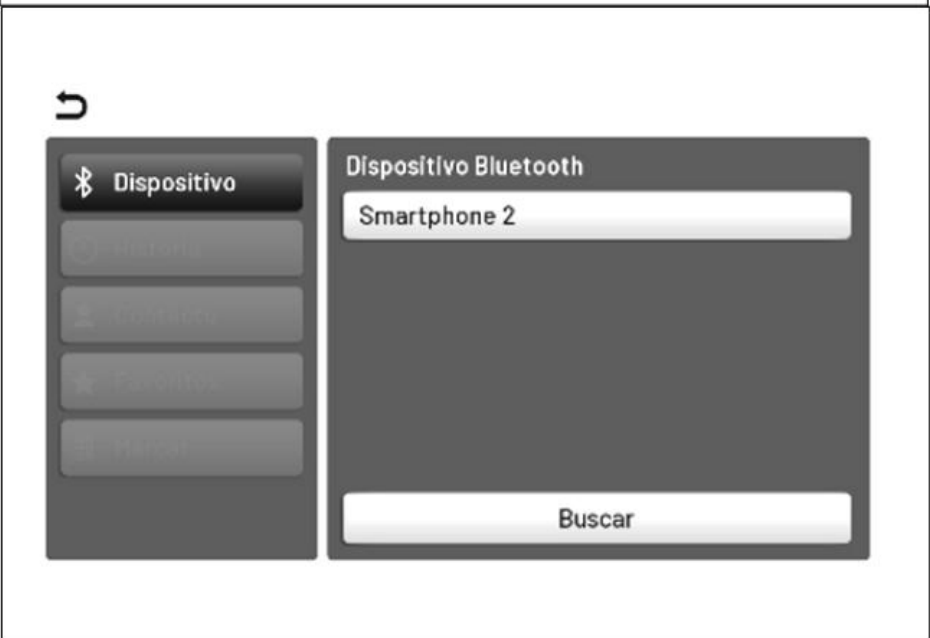
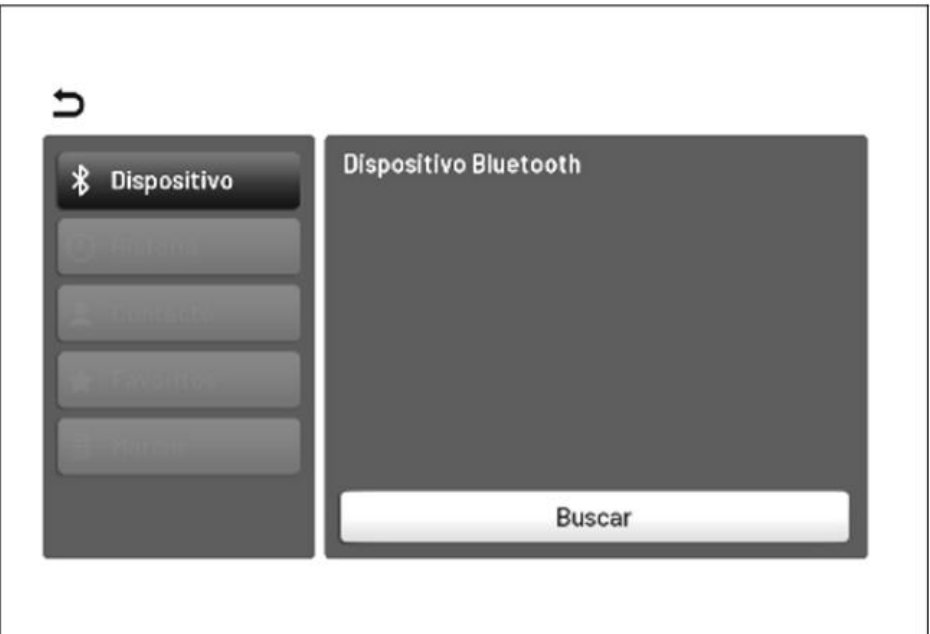
To display the main menu press the icon



commands

- 1 Application menu: Touch to display a list of applications.
- 2 Multitasking widget: With this widget you can control the content that is being played while using another application.
- 3 Notification center: Touch to see your recent calls, messages, and alerts.
- 4 Microphone: Press to speak to Google.

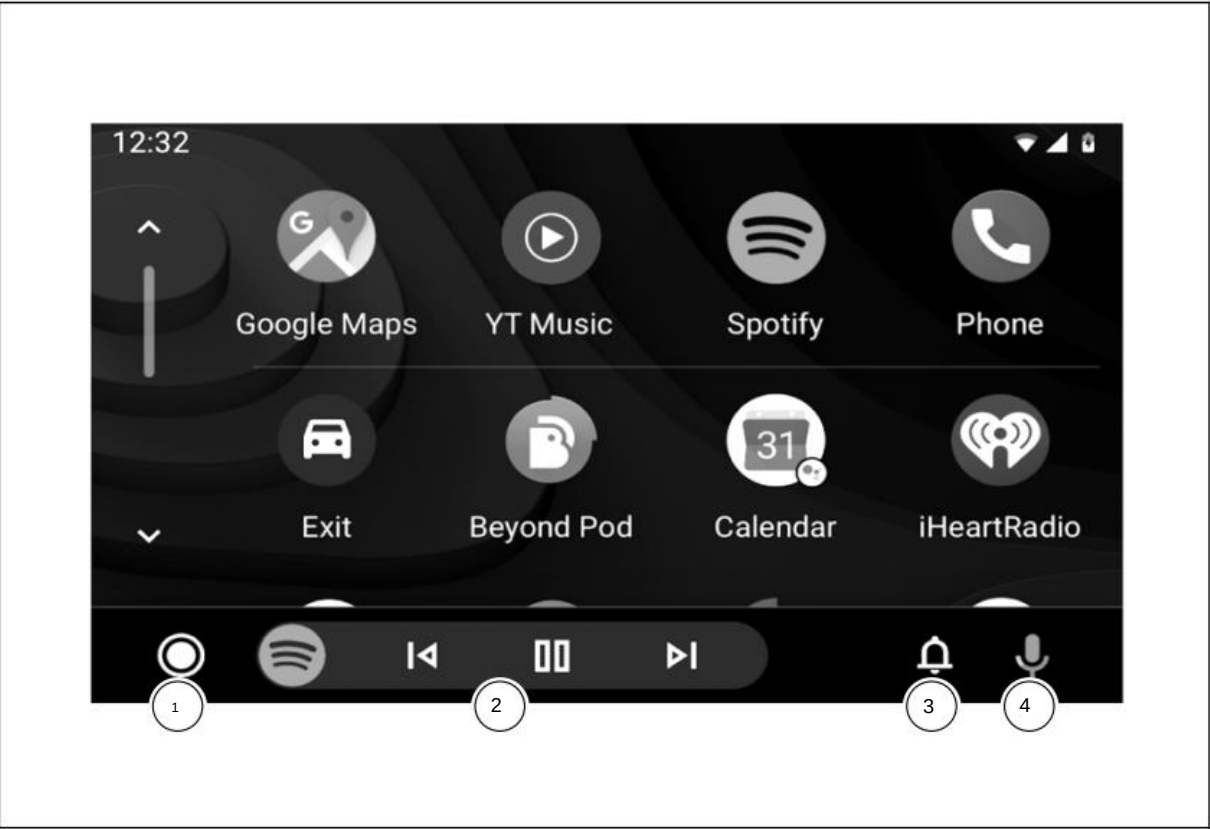
ANDROID AUTO - CONNECTION PROCESS 18



Android Auto Wireless

Main menu

To display the main menu press the icon



You must have a charged battery on your smartphone to access Android Auto. The Android Auto interface will automatically play on your radio.
Keep your Smartphone updated.

commands

- 1 Application menu: Touch to display a list of applications.
- 2 Multitasking widget: With this widget you can control the content that is being played while using another application.
- 3 Notification center: Touch to see your recent calls, messages, and alerts.
- 4 Microphone: Press to speak to Google.

General configuration



- ① Press to choose time zone.
- ② Press to set date.
- ③ Press set time.
- ④ ON/OFF modo 24 H.
- ⑤ ON/OFF Automatic adjustment.



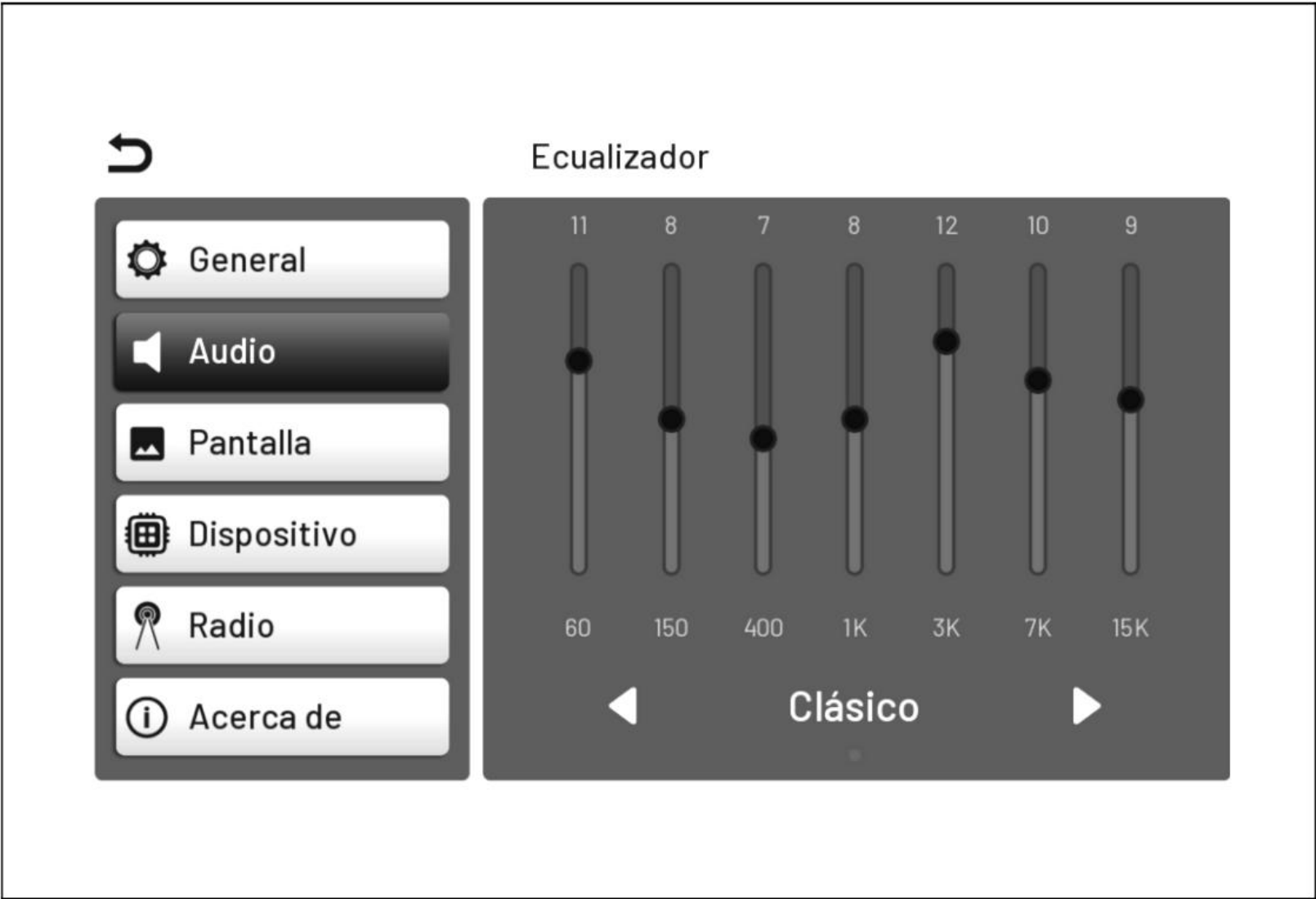
- ⑥ ON/OFF Automatic connection Android Auto.
- ⑦ Select language: Press to choose English, Spanish or Portuguese
- ⑧ Advanced settings
- ⑨ Restore factory settings

audio settings

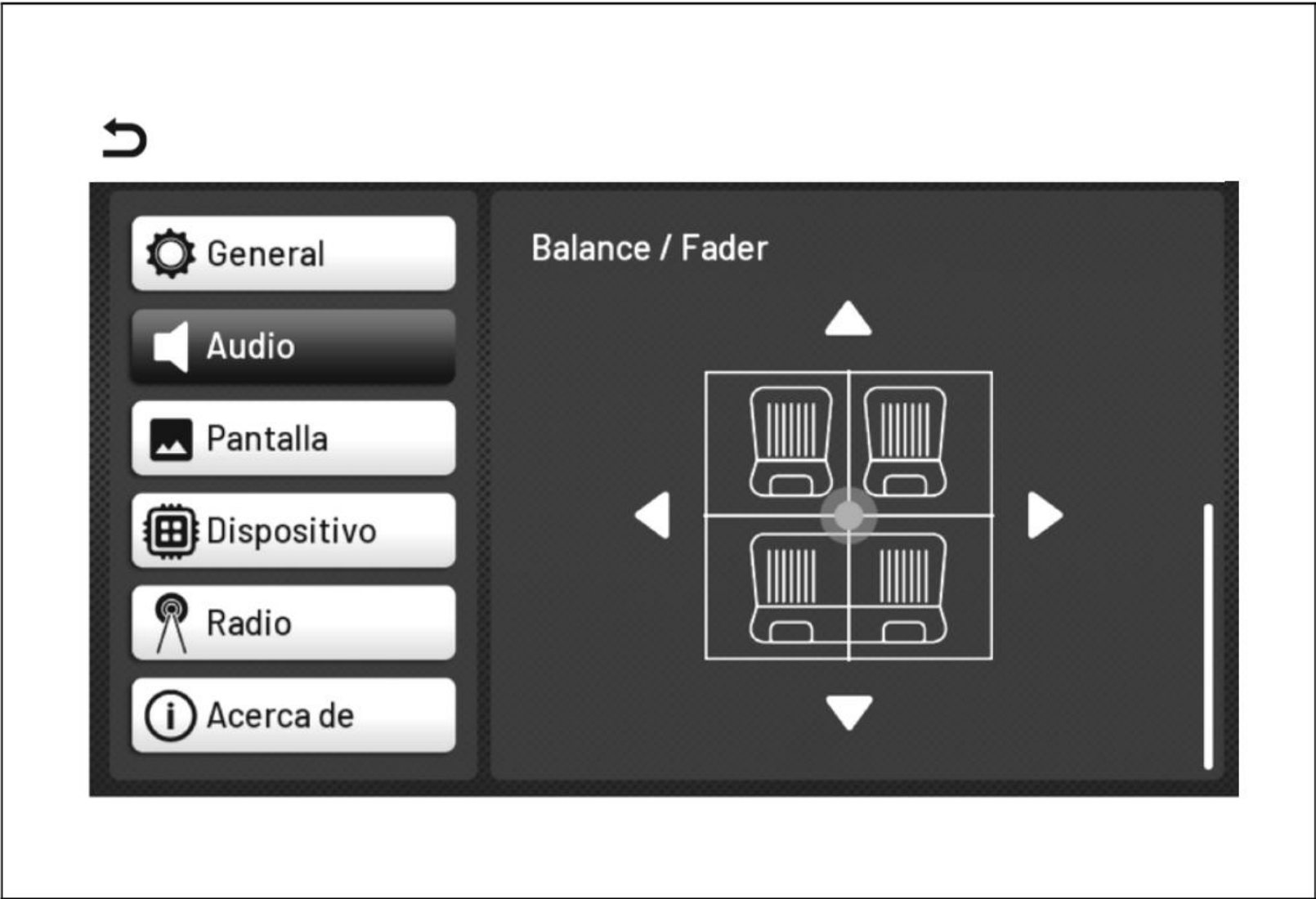


- ① ON/OFF Key sound.
- ② Enable or disable Loudness function.
- ③ Slide to adjust the volume of the various media playback.

audio settings

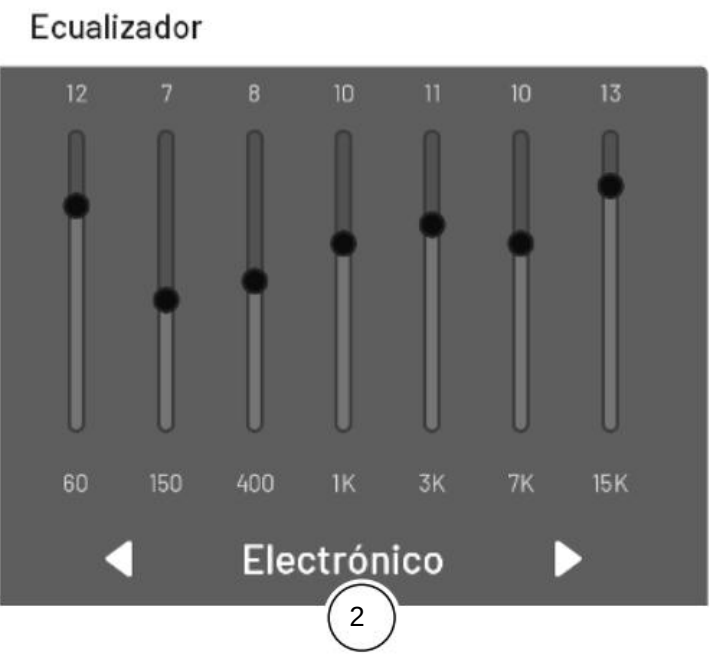
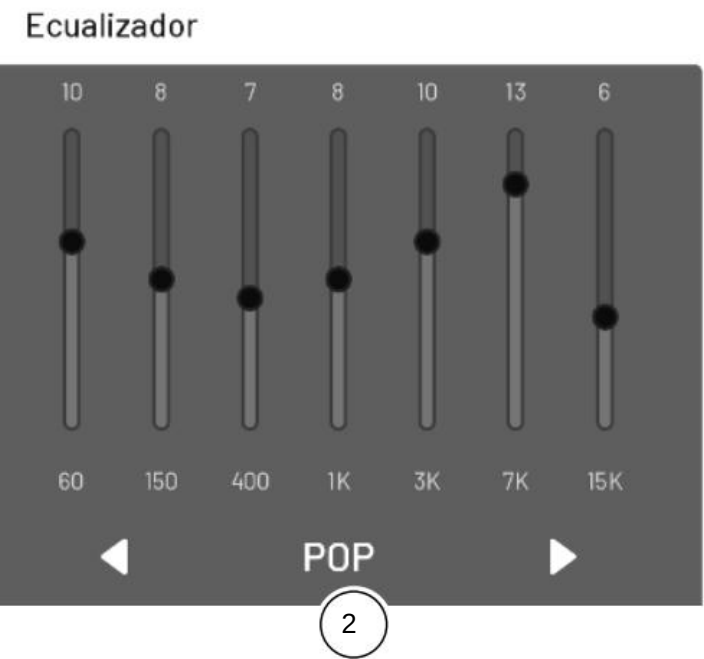


- Adjust the equalizer manually.
- Select predefined audio effects.



- Slide to adjust the audio balance manually.

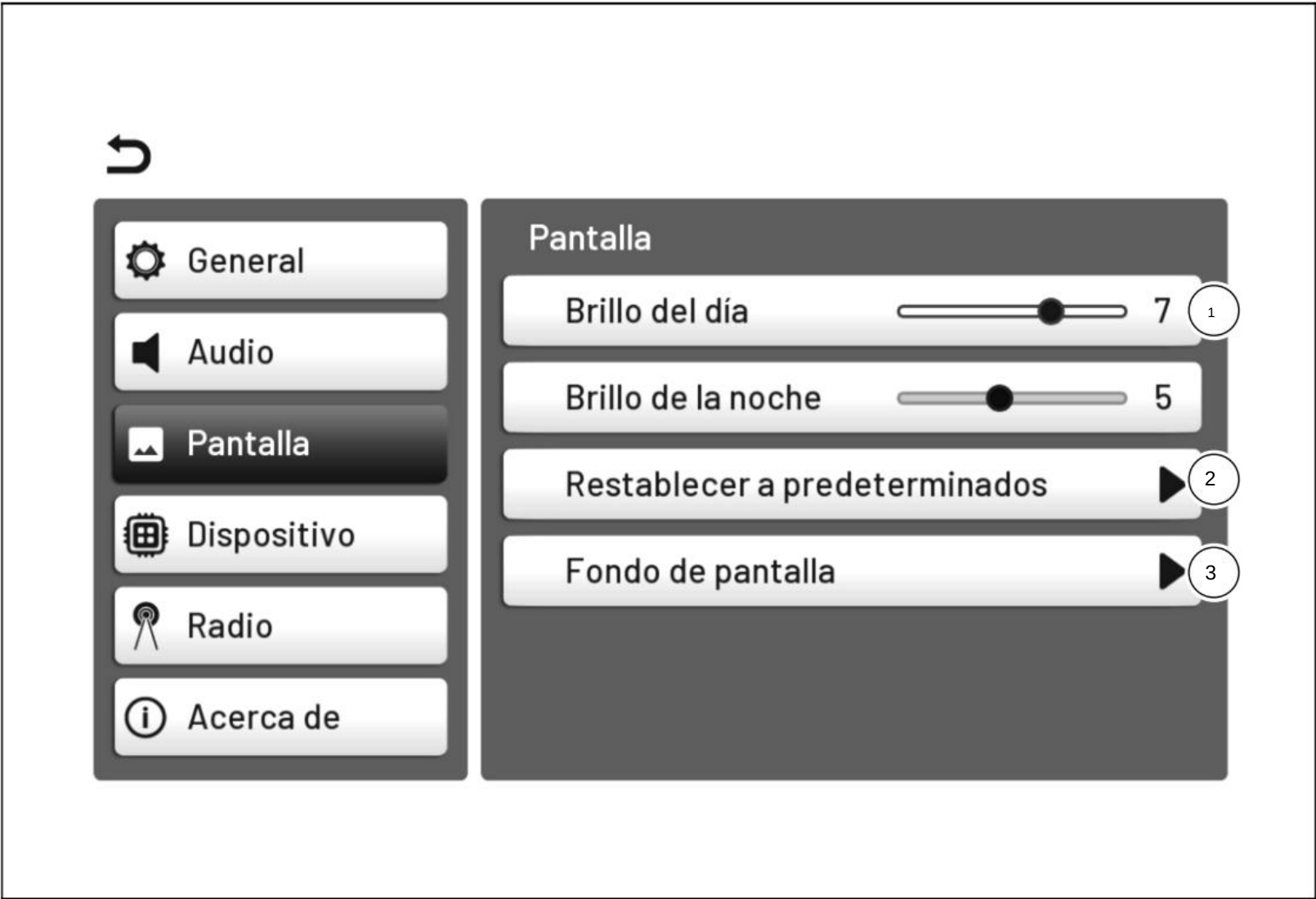
Audio settings - equalizations



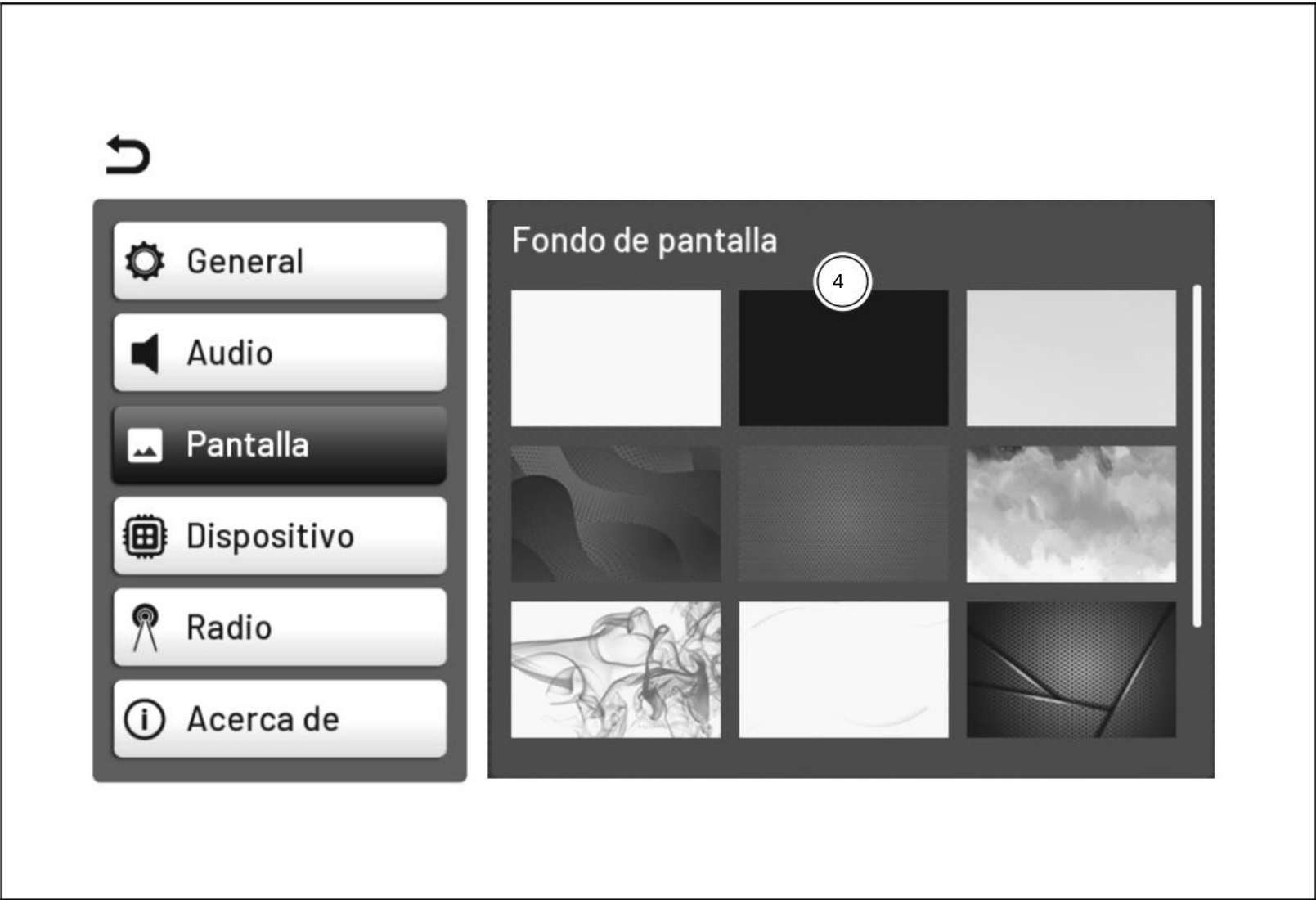
① User: Adjust the equalizer manually.

② Select preset audio effects.

display settings



- 1 Slide to adjust screen brightness.
- 2 Press the button, in case of resetting to default settings.
- 3 Press to select a background image.



Wallpaper

- 4 Select a theme color for your radio.

device settings



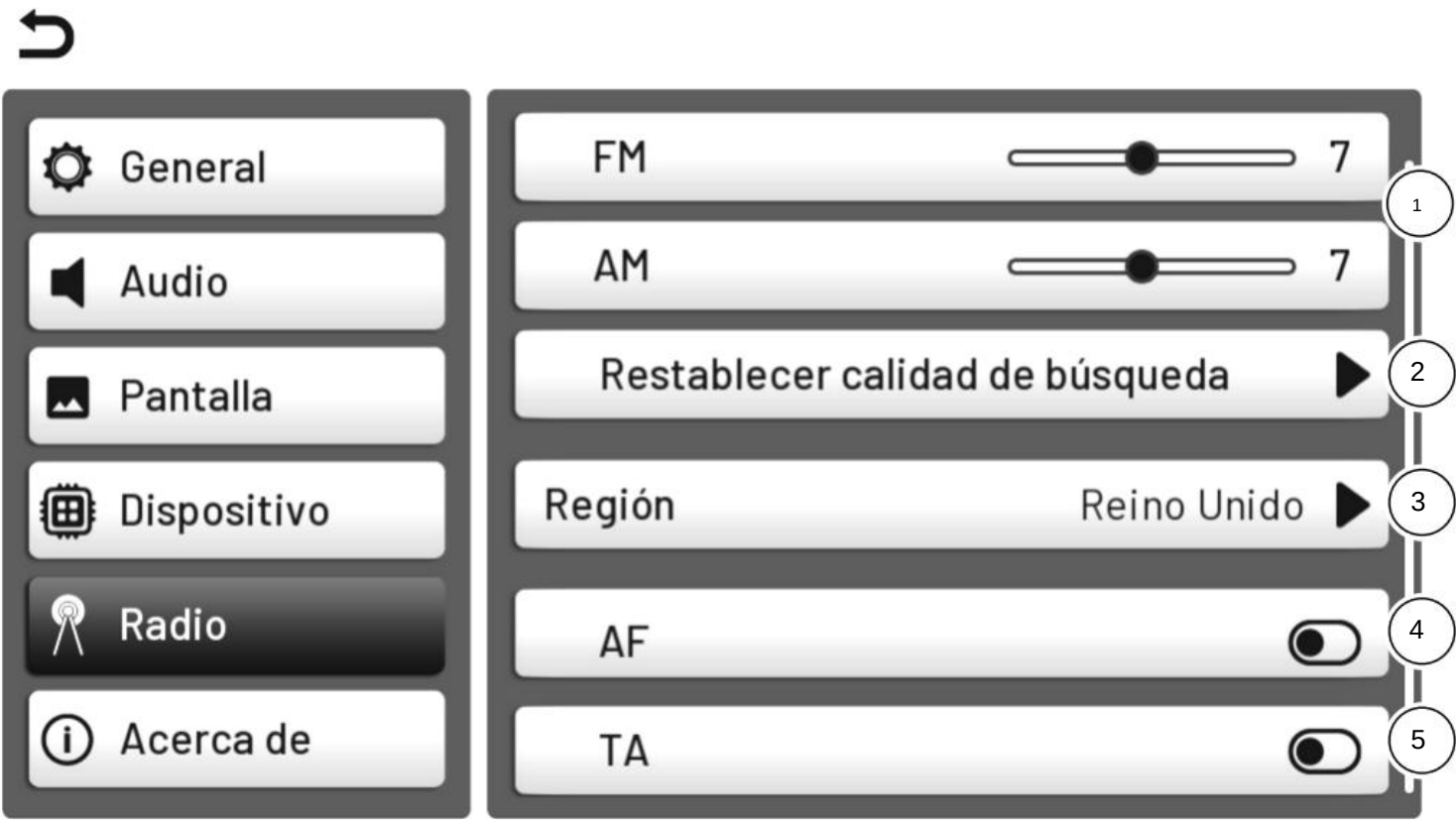
- 1 Press to access Bluetooth settings.
- 2 Press to see the list of Bluetooth devices.
- 3 Press to see the list of Apple CarPlay devices.
- 4 Press to reset WIFI password.
- 5 Press to change the device name.

Bluetooth settings



- 1 ON/OFF Bluetooth.
- 2 ON/OFF Auto connect
- 3 ON/OFF Automatic answer.
- 4 ON/OFF Automatic phone book download.
- 5 Press to manually download the phone book.
- 6 Press to delete the contacts from the phone book.
- 7 Press to know the software version of the equipment.

Radio Settings



- 1 Slide to improve station search quality.
- 2 Reset search quality.
- 3 Press to select search region.
- 4 ON/OFF AF. (On it automatically switches to an alternate frequency to always provide the best reception quality.
- 5 N/OFF AT. (Activated, it provides traffic announcement information).

vehicle information



1

Average Speed
0.0 KM/H

2

Consumo actual de combustible
0 KM/L

3

Gama de cruceo
0 (KM)

4

Elapsed Time
0 Min

1

Average speed.

2

Current fuel consumption.

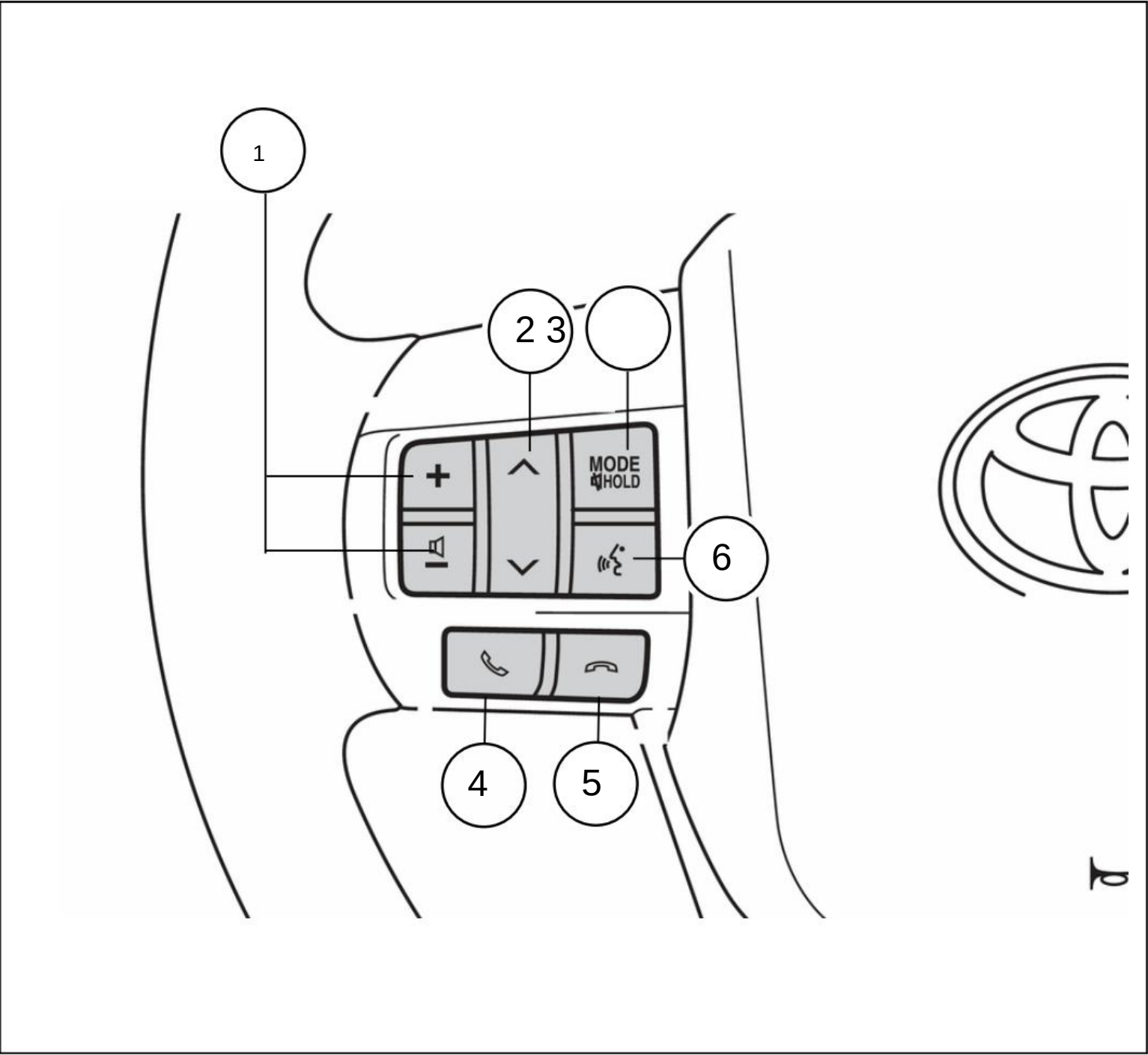
3

Average speed.

4

Time elapsed.

steering wheel controls



- 1 Volume.
- 2 Seck up / Seck down
- 3 Mute, select audio source.
- 4 Pick up switch:
Activate the hands-free system or start the call
- 5 Hang-up switch:
Deactivate the hands-free system or end or reject a call
- 6 Switch for voice commands.

TROUBLESHOOTING 29

Unit / Function Symptom		Solutions
Radio	Does not turn on or not turn on/off	Check the connections. Check the main fuse.
	There is no sound	Adjust the volume. Confirm that the video with the music is in the correct format. If there is an external amplifier, check its connection.
Radio	noise: no meeting seasons	Check that there are no metallic materials around the unit. Drive in an open space free from buildings and power lines. Check the condition of the antenna.
CarPlay / Android Auto	It is not reflected on the radio screen	Please check that your cable is in good condition. If it is Android, you must start the process, activate the handbrake and connect your cable in good condition, then follow the steps indicated.
Bluetooth	Does not connect	Make sure Bluetooth on your phone is turned on and not paired with another device.
Reproduction USB	No reproduce	Make sure the good condition of your USB device. Check the format and that the content is supported.

Warranty

Limitations

This warranty does not cover damage due to:

- 1. Incorrect installation, audio or network connection(s).
- 2. Exposure to excessive moisture, fluids, thermal sunlight, excessive dirt or dust.
- 3. Accidents or abuse, unauthorized repair attempts and modifications not expressly authorized by the manufacturer.

- This warranty is limited to the repair of parts that are damaged at the factory and does not include any other form of damage, whether accidental, consequential, or otherwise.
- The warranty does not cover transportation or shipping charges for the product.
- The guarantee will not be carried out unless the guarantee certificate is fully presented with model, serial number, purchase address, data, date and stamp of the distributor.

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

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

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 Statements:

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