



MANUALE D'USO
USER MANUAL
MANUEL



ENGLISH

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LEGISLATION AND COMPLIANCE

APPLICABLE REGULATIONS AND COMPLIANCE OF RADIO EQUIPMENT

Radio equipment is manufactured in such a way as to ensure the protection of the health and safety of people, animals and goods, including the objectives concerning the safety requirements of Directive 2014/53/EU and the related implementing legislation, Directive 2011/65/EU (RoHS) for the safety of materials and waste disposal, compliance with the essential requirements referred to in Article 3 of Legislative Decree No 128/2016.

SAFETY WARNINGS AND REQUIREMENTS

BEFORE INSTALLATION

1. Read this user manual carefully and store it in a safe and accessible place.
2. Check the integrity of the product, if the product does not show up intact, do not connect it to any power source and contact your dealer.
3. The installation and maintenance of the appliance must be carried out only by specialized personnel. The installation of the product by people without professionalism, dexterity and experience in electrical components and car accessories can be dangerous and can expose you to the risk of short circuits, injuries or other risks.
4. Before proceeding to the installation, connect the supplied wiring to the car, and try all the features.
5. The return with full refund will be accepted only for intact products and without signs of installation.
6. Keep away from contact with liquids as short circuits, or dangerous situations, may occur.

SAFETY REQUIREMENTS

1. Please pay attention to safety in traffic. Do not use the product in violation of the Highway Code and national, European, and international road safety regulations.
2. For your own safety, please do not watch videos or play them while driving. And please adjust the volume of the sound to an appropriate level so that you can hear the sound from the outside. Do not use headphones with such high volume as to not allow to hear sounds from outside the passenger compartment of the vehicle.
3. If you have problems with the system, park your car in a safe place, and ask your installer or dealer for assistance. Do not use the product, its applications or rear camera mode (if it has been purchased) if it distracts attention in any way from safe driving. If it is difficult to use the product or read the display, park your vehicle in a safe place before doing anything.
4. If you notice smoke, noise or strange smell coming from the product, or any other abnormal signal on the screen, immediately cut off the power from the product and consult your seller.
5. Follow traffic rules and highway code when using the satellite navigation function.
6. Do not allow children to use this device.
7. Please do not use this device in areas where the use of electronic equipment or fire is prohibited, such as gas stations, distilleries, or electromagnetic interference areas. Otherwise, it could cause danger.
8. Do not park or leave the machine, especially the LCD screen, in places where it is exposed to direct sunlight, nor place it in other environments with harmful substances. If during installation, the LCD screen is located near the air conditioner fan, make sure that the air does not go directly to the radio.
9. To ensure the normal operation of the machine and prevent the occurrence of fires or electric shocks, do not expose the machine to wet air, nor let liquids pour on the radio.
10. Do not disassemble or modify the product, as there are high voltage components inside that can cause short circuits. Be sure to contact your seller for an internal inspection or repair.
11. To ensure safety in use, some functions are disabled until the vehicle is stationary with the handbrake operated.
12. On vehicles, it is mandatory to connect the handbrake wire that inhibits the execution of moving videos.
13. Do not install the product in places where it could obstruct the driver's view or prevent some safety operations, such as air bags, emergency lights or even prevent safe driving.
14. Using this product with the engine off may drain the battery

For technical assistance, please go to the JFsound Support Portal at <http://support.jfsound.it> or go to the www.jfsound.it and click on the SERVICE button



INSTALLATION

ATTENTION: THE INSTALLATION AND REMOVAL OF DEVICES CAN ONLY BE CARRIED OUT BY TECHNICALLY QUALIFIED PERSONNEL. THE CAR'S SYSTEM MUST AT ALL TIMES MEET THE SAFETY REQUIREMENTS. CHECK THE CORRECT OPERATION OF ALL THE CAR'S SAFETY SYSTEMS BEFORE INSTALLING ON THE DASHBOARD. THE RADIO SHOULD NOT BE INSTALLED IF THE CAR'S SAFETY SYSTEMS ARE NOT WORKING PROPERLY.

IMPORTANT: BEFORE PROCEEDING WITH THE ASSEMBLY SIMPLY CONNECT THE WIRING TO TEST ALL THE FUNCTIONS, WITHOUT INSTALLING THE CAR RADIO INSIDE THE DASHBOARD. IN THIS WAY THE PRODUCT WILL REMAIN INTACT AND CAN THUS BE RETURNED/REPLACED UNDER THE SAME CONDITIONS OF SALE, THEREFORE WITHOUT ADDITIONAL COSTS. IT IS NOT POSSIBLE TO OBTAIN A FULL REFUND FOR PRODUCTS THAT SHOW SIGNS OF INSTALLATION (OR OTHER IMPERFECTIONS), IN THIS CASE THE PRODUCT WILL BE SUBJECT TO EVALUATION (SEE CONSUMER CODE ART.57).

BEFORE PREPARING TO DRIVE, CHECK THE PROPER FUNCTIONING OF ALL THE CAR'S SAFETY SYSTEMS, DO NOT USE THE VEHICLE UNLESS THERE IS A CERTAINTY THAT IT MEETS THE SAFETY REQUIREMENTS NECESSARY TO ENSURE A SAFE CONDITION. JFSOUND DISCLAIMS ALL LIABILITY FOR DAMAGES ATTRIBUTABLE TO THE USE OF THE VEHICLE UNDER CONDITIONS THAT DO NOT COMPLY WITH SAFETY REGULATIONS.

BEFORE INSTALLING THE RADIO

First check the integrity of the device and its accessories, if defects or imperfections are found, do not proceed with the installation and contact JFsound technical support by writing to assistenza@jfsound.it explaining the problem and attaching any photos.

Before connecting the radio, check that the supplied connectors are compatible with those of the car; in case of doubt contact the JFsound technical support by writing to assistenza@jfsound.it explaining the problem and attaching any photos of the original connectors of the car and photos of the back of the original radio.

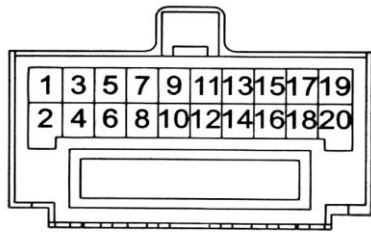
Disconnect the cable from the negative terminal (–) of the battery before installation. Wiring and installation with the negative terminal of the battery (–) connected can cause electric shock and injuries due to a short circuit. Some cars require specific procedures to disconnect the battery terminal.

FAILURE TO COMPLY WITH THE PROCEDURE MAY CAUSE INADVERTENT MALFUNCTIONING OF THE SAFETY SYSTEMS, CAUSE DAMAGE TO THE VEHICLE, PHYSICAL INJURY OR DEATH.

NB: FOR DEVICES EQUIPPED WITH CD/DVD REMOVE THE MECHANICAL LOCK SCREWS LOCATED AT THE TOP OF THE RADIO BODY.



MAIN CONNECTIONS



1: GND	2: B+	3: RR-	4: RR+
5: FR-	6: FR+	7: RL+	8: RL-
9: FL+	10: FL-	11: BRAKE	12: ACC
13: AMP-CON	14: REVERSE	15: SWC-A	16: ANT
17: SWC-GND	18: CAN-RX/SWC-B	19: ILL	20: CAN-TX

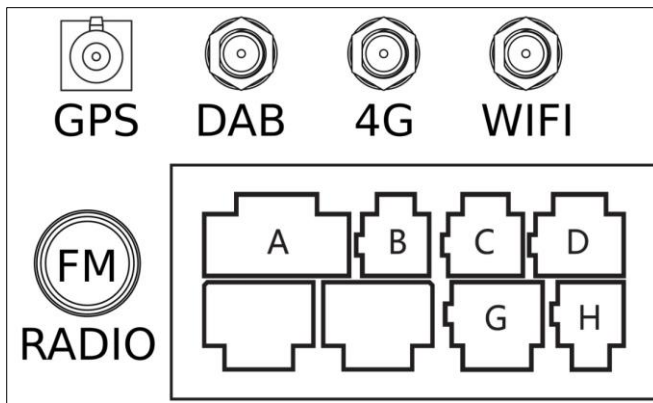


1	Gnd
2	B+ 12V Battery - this pin must remain at 12V even with the panel off (memory maintenance)
3	Rear Right speaker GND
4	Rear Right speaker Positive
5	Front Right speaker GND
6	Front Right speaker Positive
7	Rear Left speaker Positive
8	Rear Left speaker GND
9	Front Left speaker Positive
10	Front Left speaker GND
11	Handbrake connection to disable video in motion
12	ACC Subkey for the switch on of the radio *
13	AMPlifier power control (activates from SOUND settings))
14	Reverse input for rear camera activation (BACK/REVERSE)**
15	KEY1 input1 for resistive steering wheel controls
16	Antenna command, 12V that activates when the radio is turned on
17	GND (generally used as GND for resistive steering wheel controls)
18	CAN-RX signal or KEY2 input2 input for resistive steering wheel controls
19	Lighting/ ILL umination control (sets the radio in night mode)
20	CAN-TX signal input

***WARNING:** the radio turns on and off alongside the panel, operated by the ignition key. Connecting this wire directly to 12V may drain the battery. As soon as the panel is turned off, the system turns off only the monitor (to have an immediate restart in the case of sudden turns/off), the real shutdown of the system takes place after about a minute after the panel is turned off, this operation ensures maximum protection of the battery. Shutdown can be delayed through the "COMMON" settings.

******The radio switches to rearview mode in the presence of 12V on this input. Generally, this control comes from the canbus box supplied to the radio or directly from the car connector. In the absence of this signal it is possible to connect it to the reversing lights, with the necessary safety precautions towards the car's electrical system.

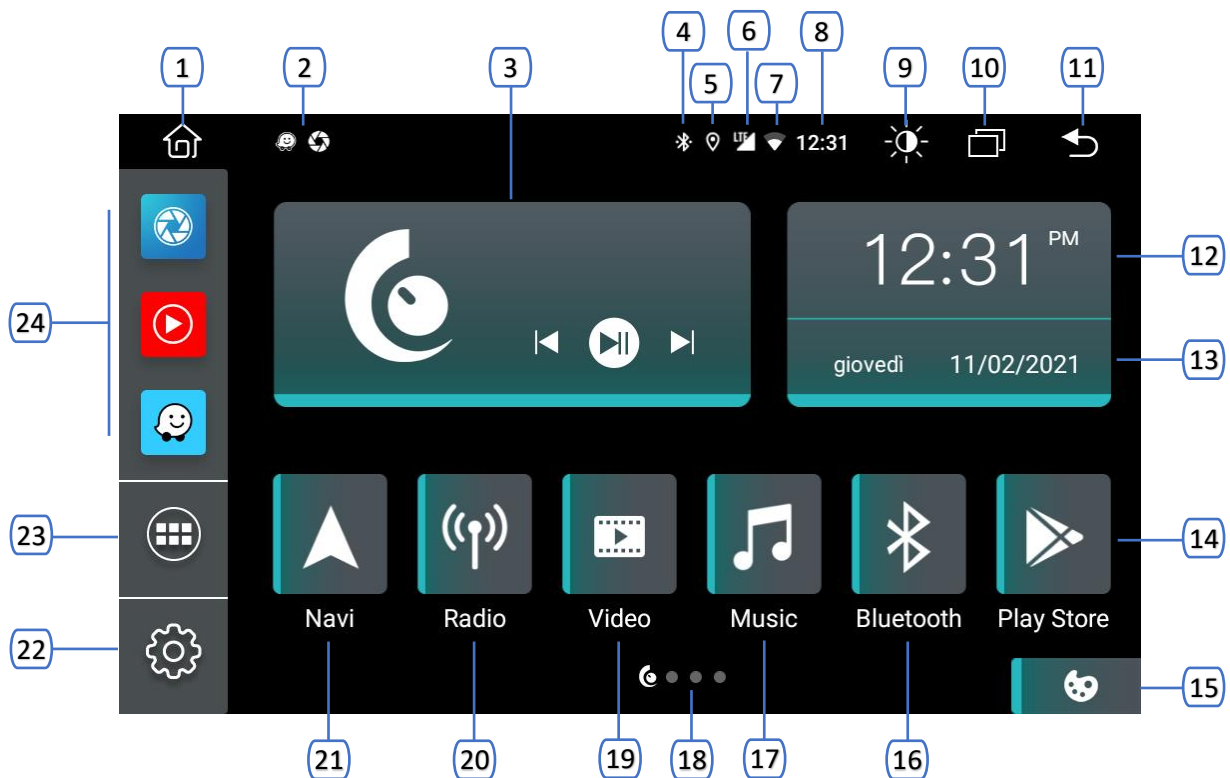
AUXILIARY CONNECTIONS



The external microphone is mixed with the panel microphone inside the Radio. No action is required to activate it.

A	➤ FL Left Front Pre-Channel Output ➤ FR Right Front Pre-Channel Output ➤ RL Left Rear pre-channel Output ➤ RR Right Rear pre-channel Output ➤ SUB WOOFER pre output for Subwoofer ➤ VIDEO OUT1 video 1 ➤ VIDEO OUT1 video 2 ➤ AUX V Auxiliary video input ➤ REV V Rear camera video input
B	➤ USB 1
C	➤ 4G SIM SLOT
D	➤ USB 2
G	➤ AUX-RIN ➤ AUX-LIN MUNICIPALITY ➤ F CAMERA ➤ CCD+12V ➤ Gnd
H	➤ Mic

BASIC OPERATIONS



- | | |
|--|---|
| <ul style="list-style-type: none"> 1 - Key to return to home page 2 - Active applications 3 - Control Panel 4 - Bluetooth active 5 - GPS location active 6 - LTE / 4G signal Level 7 - WIFI signal level 8 - Time 9 - Turn monitor on/off 10 - View open applications 11 - Go back to the previous page 12 - Time (pressing on the time accesses the settings) | <ul style="list-style-type: none"> 13 - Date 14 - Playstore (installation of new APPlications) 15 - Change the color of the theme 16 - Bluetooth section 17 - Music file player 18 - Page in view 19 - Video file player 20 - Radio FM 21 - Default navigator 22 - Settings 23 - All APPlications 24 - History (last 3 applications used) |
|--|---|

SETTINGS

on the main menu press the setup button 

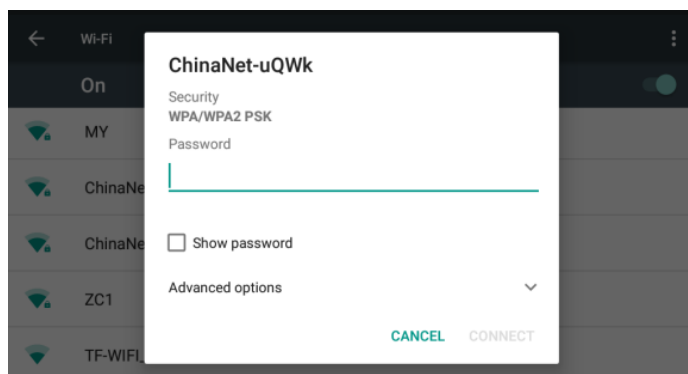
 Rete e Internet Wi-Fi, rete mobile, utilizzo dei dati, hotspot	→ WIFI network settings, LTE/3G/4G mobile network, data ing
 Car Infotainment	→ General CarTablet settings
 App e notifiche Autorizzazioni, app predefinite	→ APPlication settings and data
 Spazio di archiviazione Utilizzato: 14% - Liberi: 54,89 GB	→ Internal and external storage (<i>if connected portable memory</i>)
 Memory Utilizzo medio di 1,7 GB di memoria su 3,9 GB	→ Device memory
 Account Google	→ Device account settings
 Google Servizi e preferenze	→ Google settings
 Sistema Lingue, ora, backup, aggiornamenti	→ Key system settings

NETWORK AND INTERNET 2.4/5GHZ

TURN ON WI-FI: In the WI-FI section, set the status to ON



Choose the network you want to link to and enter your password

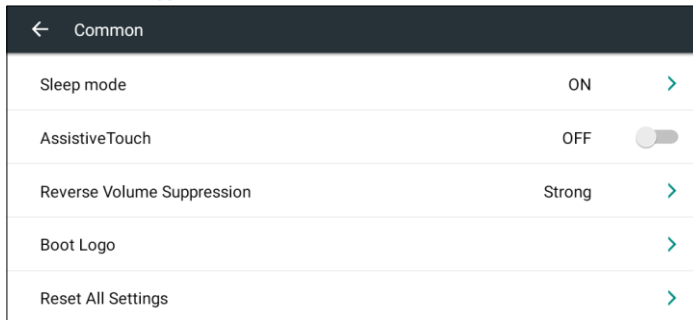


ATTENTION: to access WIFI through your phone you need to activate your phone HOT SPOT.  In the phone settings you will find both the name of the WIFI generated by the phone and the password to be able to access it. In this way it is possible to connect to the internet by exploiting the data connection of your phone's mobile network. If the phone is seen but the connection does not end, check in the WIFI settings of the phone that permissions are granted to the connection.

CAR INFOTAINMENT

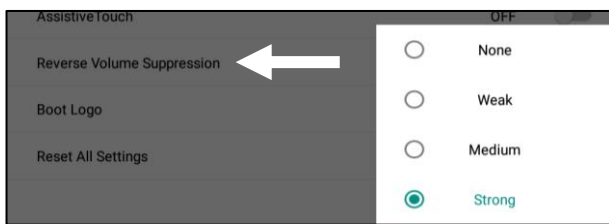
 Common	> General settings
 Display	> Display settings
 Volume	> System Volumes: Media, Navigator, Bluetooth, Ringtone, System Volume
 Sound	> DSP section, Equalization adjustments / Filters / Sound delays
 Video	> Adjustments regarding the video section, rear camera, A/C (<i>only for models with A/C recovery</i>)
 Navigation	> Navigation system settings
 Bluetooth	> Bluetooth settings
 SWC	> Procedure for capturing controls at the wheel (<i>only for resistive controls</i>)
 About Device	> Section dedicated only to specialized technical assistance

COMMON



- Rapid radio awakening =>ON
- Screen touch assistant
- Reversing audio source volume
- Upload logo in boot password 5678
- Delete all settings

TOUCH ASSISTANT: A circular icon is activated that is always present on the monitor that gives the user the opportunity to open a menu with the main adjustments at any time.



REMOVAL OF THE REVERSE VOLUME:

This setting adjusts the volume suppression of the sound source during reversing maneuvers. The function is active only if it activates the reversing switching function. None=no sound suppression, Strong= total suppression of sound in reverse.

LOADING THE LOGO:

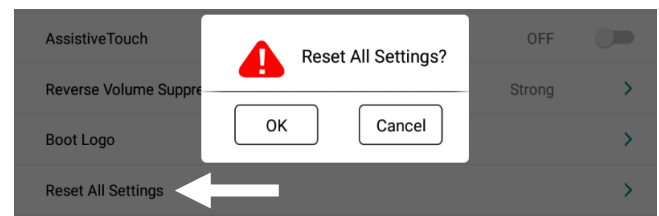
Press **Boot Logo**, enter the password: 5678 select a logo, and then turn the radio off and on again after at least one minute. To insert a custom logo, simply copy the 2014x600px JPG 72dpi image to the "Ts" folder, then select the lens to load the image.



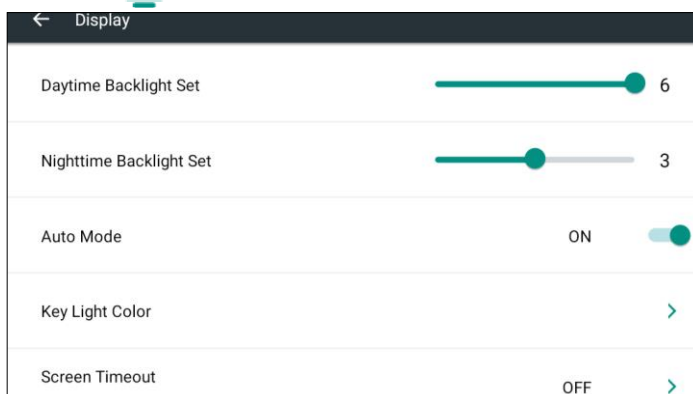
DELETE ALL SETTINGS:

Tap Delete all settings in the pop-up dialog box, select confirm.

When the machine restarts, the system will reset the factory settings. All your settings will be removed.

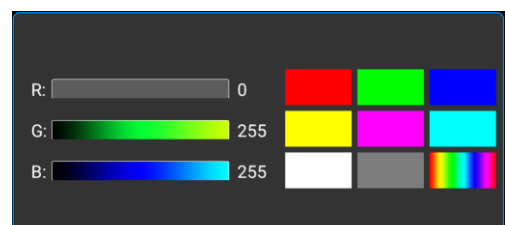


DISPLAY

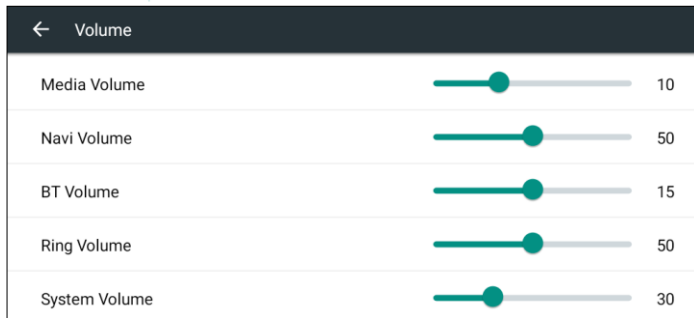


- Daytime brightness level
- Night brightness level
- Automatic level change (with time)
- Key lighting change
- Set screen saver

The day and night brightness levels refer to the brightness of the monitor in the day or night condition, this condition can be determined by the signal of the headlights (red/black wire, active headlights when at 12V) or if we exclude automatic mode, we can vary the three conditions of the monitor (day, night, off) by pressing on the icon in the figure. **Key Light Color:** Simply select a color or adjust the RGB colors to change the backlight. this option will only be present on models that have RGB key lighting

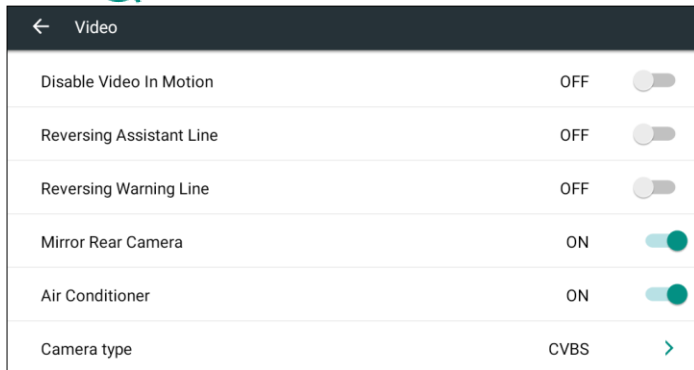


VOLUME



- Media volume
- Navigator volume
- Bluetooth volume
- Alert volume
- Volume of the system

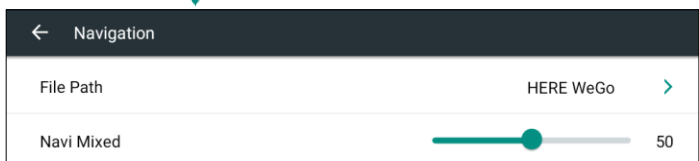
VIDEO



- Enable video lock on the go
- Enable guidelines when reversing
- Enable collision alarm (predisposed cars only)
- reverse the rear camera display
- Display the air conditioner (only cars prepared)
- Selection of rear camera type (installers only)

ATTENTION: setting the blocking of moving videos is a legal obligation, the unlocking function is allowed only for non-mobile workstations (exhibitors, audio consoles, etc.), when the JFsound radio is installed on moving vehicles (vehicles, campers, trucks etc.) this option must always remain active. JFsound srl assumes no responsibility for improper use of the product.

NAVIGATION



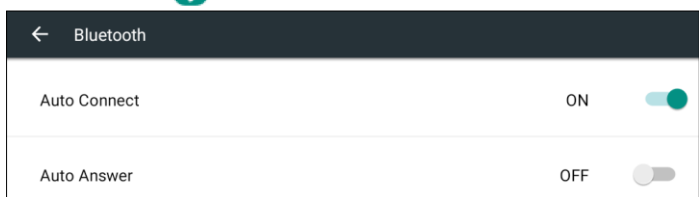
- Select the default navigator
- Ratio of the volume of the navigation assistant to the audio source



<File Path **Selection Sample**
The selection made assigns the application to the NAVI cone >

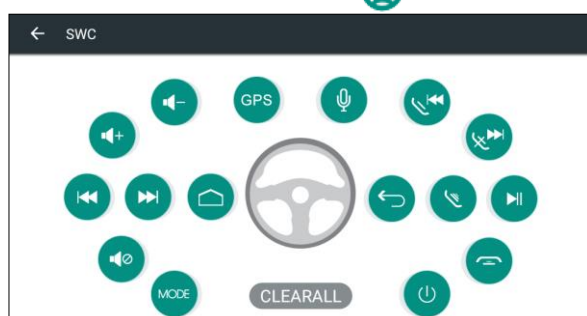


BLUETOOTH



- Automatic phone connection
- Automatic response

SWC – LEARNING STEERING WHEEL CONTROLS (only for cars with resistive steering wheel controls)



For the programming of resistive steering wheel controls, follow these steps:

- 1-Click on CLEARALL 
- 2-Press the button you want to program on the monitor
- 3-The button on the monitor starts flashing then press the corresponding button on the steering wheel
- 4-if the command is captured the button on the monitor will remain fixed blue in color
- 5-repeat the operation for all the buttons you want schedule and exit the page

WARNING: Cars with canbus steering wheel controls do not need this procedure.

SOUND



Equalizer con 30 frequencybands, to get the desired frequency adjustment, simply raise or lower the slide.

to display frequencies outside the panel, use buttons with arrows  

Pressing Flat puts all slides at 0, Pop, Rock, Jazz, and Classic are default settings while User is the last setting made by the user.

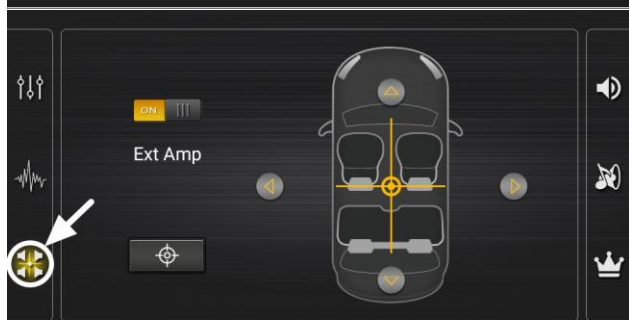


Filters: Insert low size and high size frequency filters.

to enable, press the button to place it on 

Select the filter cut rate.

The filter cuts on the frequency of 12db.

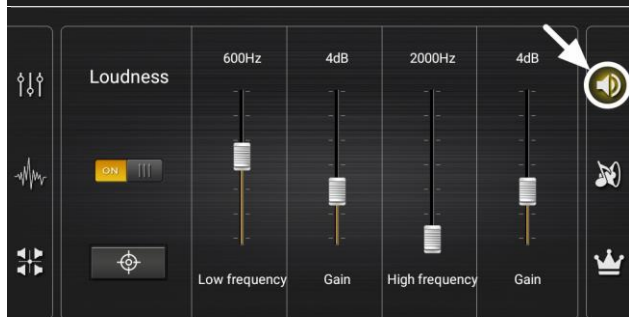


Balance: balancing audio channels

in this section we can adjust the volume of each individual speaker simply by moving the cursor initially placed in the center, or by pressing the arrows on the four sides.

to return to the initial setup press 

Ext Amp: "external amplifier" if activated the pin 13 of the radio "AMP CON" can drive the ignition of an external amplifier. (ON=active) 



Loudness: emphasize loud high and low tones.

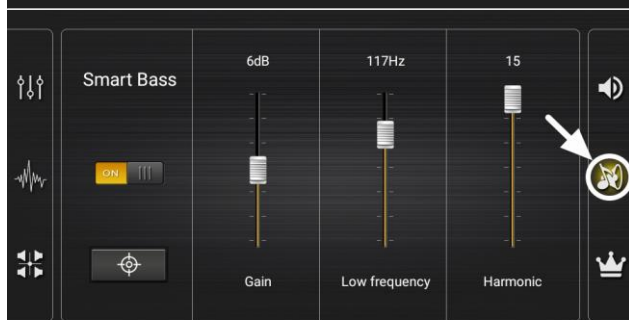
to enable, press the button to place it on 

Low frequency determines frequency cut for low tones

High frequency determines the frequency cut for high tones

Gain determines the level of emphasis on the frequency on its left

to return to the default setup press 



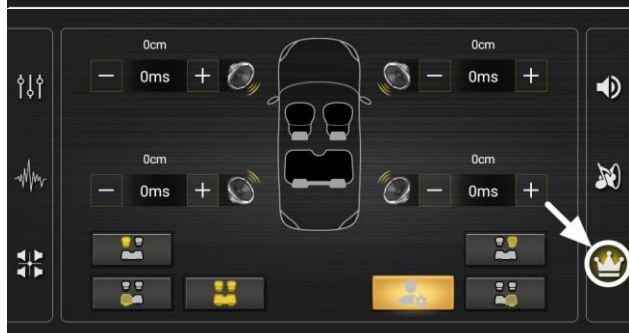
Smart Bass: controlled emphasis on low frequencies (subwoofer effect).

to enable, press the button to place it on 

The **Gain** slide adjusts the level of low-tones amplification for this section.

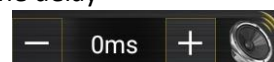
The **Low frequency** slide adjusts the frequency cut.

The **Harmonic** slide adjusts the harmonics of the bass tones. to return to the default setup press 

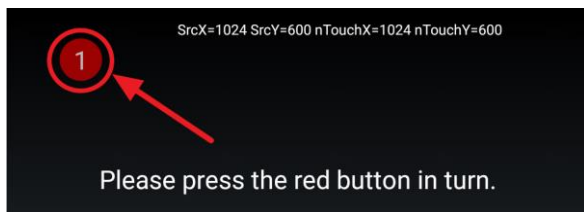


Delay: Inserting audio delays

this feature optimizes the listening point by compensating for the natural delay of sound with delays on the output audio channels. To listen without delay, select a choice that is already preset.  It is also possible to enter the exact value of the delay

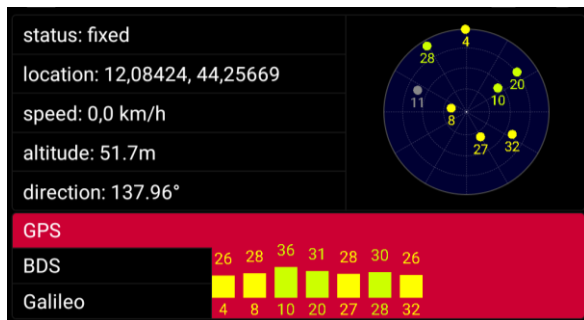


TOUCHSCREEN CALIBRATION



To start the application that calibrates the touchscreen, simply press the touch slightly with 4 fingers at the same time and leave them resting for a few seconds. Once the application starts, press the red dots sequentially. After the procedure, turn off the radio and turn it back on after at least one minute.

GPS ANTENNA RECEPTION



To view GPS reception press applications  and start GpsTest

To have good navigation you need to have at least 5 green GPS bands. To carry out reception tests, the car must be in an open place. It is recommended to install the GPS antenna in areas of the car that have low insulation outwards, some reception tests are recommended before concluding the installation.



RADIO FM



STATION MEMORY:

to store the desired station, it is enough to hold down for a few seconds the position in which we want to store it.

AF Auto-search for the listening station

TA Automatically receives and tunes in to traffic alert messages

RDS RDS Reception

PTY By activating the TPY system the radio will search for stations with the-matic profile (where present)



1 Station Search

On the radio application press the buttons   to search for stations, when the tuning meets a radio station will stop automatically.

2. To change the volume press the following key this is an option 

3. To automatically search for stations, press the following key 

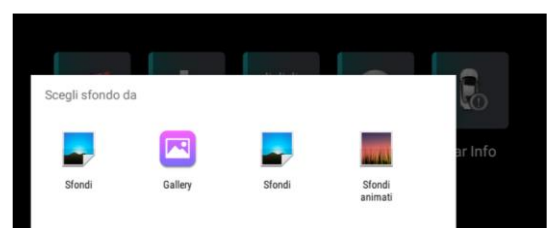
4. Sound effects and equalization 

5. to type the frequency of the station that you want to listen to press the following button 

6. To turn off the tuner, press the following button 

BACKGROUND

To change the background, simply drag the screen to the second page and press for a few seconds anywhere blank. You will then be prompted to choose a background from the internal gallery or from a file that may be inside the radio, or it can be loaded directly from an external memory.



BLUETOOTH

Bluetooth hands-free for cars gives you hands-free calls that allow you to drive your car safer.



For the connection enter the bluetooth settings of your phone and search for the BT with the abbreviation indicated under DEV. Enter the password if prompted (by default 0000) and grant permissions from your phone if required.

Once connected, the Bluetooth symbol from red will turn green. If the radio does not download the address book, enter the bluetooth connection settings on the phone and grant permissions for the address book as well.

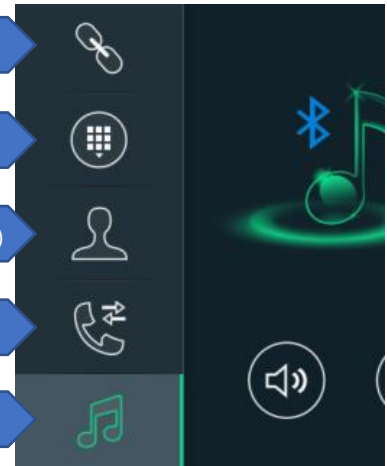
BLUETOOTH CONNECTION TOOLS

KEYBOARD AND PHONE FUNCTIONS

PHONEBOOK (once the address book is downloaded this will only be visible with phone connected)

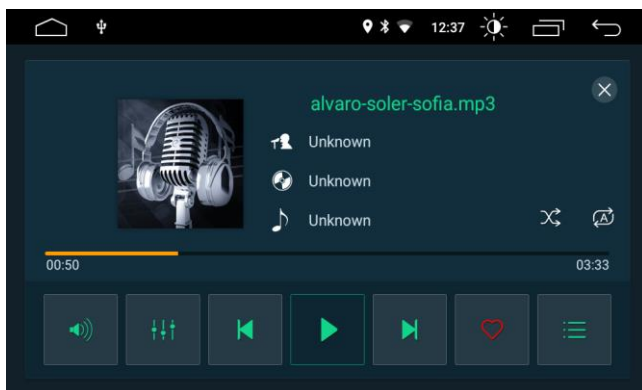
LOG OF PHONE CALLS RECEIVED MAKE LOST

PHONE BLUETOOTH STREAMING MUSIC PLAYER

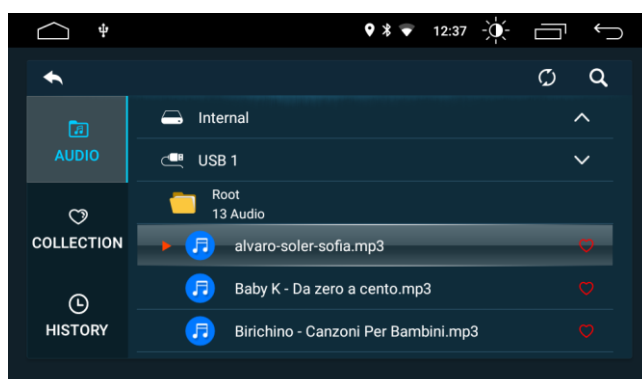


WARNING: To increase microphone volume, turn up your phone's volume during the conversation

PLAYER AUDIO



- Repeat mode:** repeating the song
- Shuffling mode:** random playback
- Volume:** volume adjustment
- Sound:** sound adjustments
- Prev:** previous track
- Play:** Listen to the song and pause
- Next:** Listen to the next song
- Collection:** put the song in the collection
- Files:** View audio files

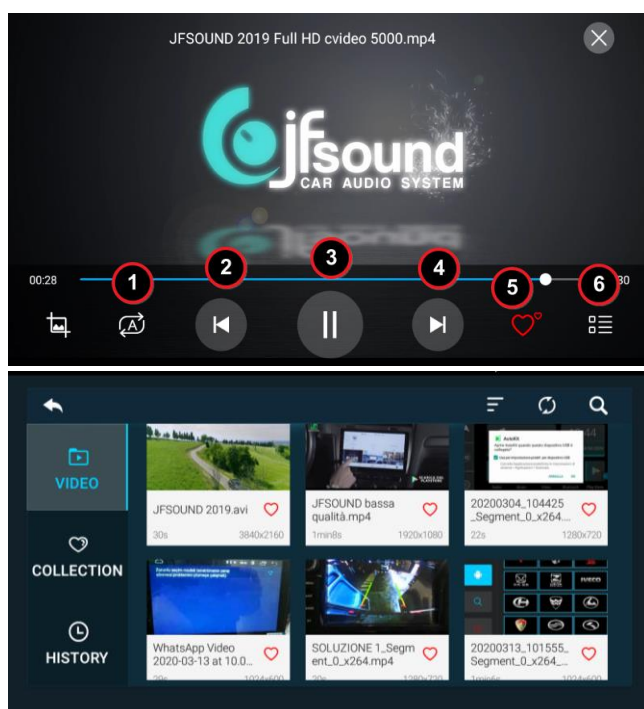


File: In the File section we can select the source of the audio files which can be the internal memory of the radio or an external mass memory (such as a USB stick). We can view and select songs and open sections of the collection of favorite songs or the history of the songs listened to. External mass memories must always be FAT32 formatted.

Supported formats: MP3, WMA, AAC, RM, FLAC

NB: If "Internal" and any USB1 are not visible, drag the screen down.

PLAYER VIDEO



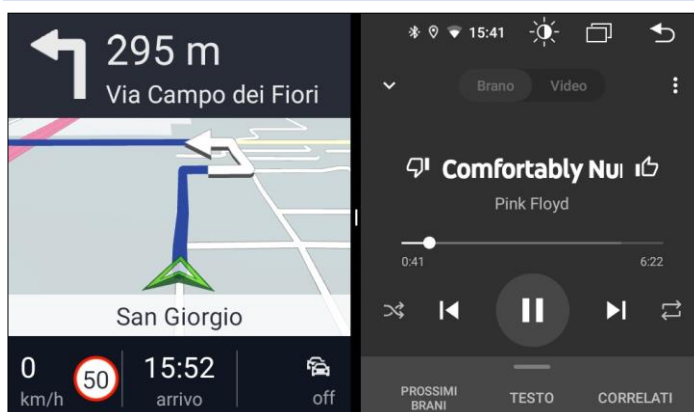
- 1 Play the movie continuously
- 2 Go back to the beginning of the movie
- 3 Start/Pause movie
- 4 Go to the end of the movie
- 5 Associate the movie with the label "Favorite"
- 6 View movies in memories

By pressing button 6 we can view previews of the videos on the external media or in the internal memory of the radio. To view the movie just press on it.

We can view all your favorite movies in the COLLECTION section, and all movies displayed in chronological order in the HISTORY section.

Supported formats are: MPEG 4, RMVB, H264, H263, VC1, RV, Divx

PICTURE-IN-PICTURE



This mode allows you to view two applications at the same time, giving the possibility to view the navigator while continuing to use the other functions. To turn on P&P mode, simply press and hold for a few seconds the icon at the top right that displays the active applications and select the secondary application to display in addition to the running one. Another way is to press the button in the upper right, hold down an active application, and drag it to the left, and then drag the secondary application to the right. Whether or not the application is displayed live depends

on the application itself and not on the system.

APPLICATIONS

WARNING: Some applications may require permission to access or use device information to function properly. When you open an application, a pop-up window may appear that requires access to certain features or information. Tap Allow in the pop-up window to grant permissions to the application. To view application permission settings, launch the Settings application and tap Apps and **Notifications**, and then tap App **Permissions** to verify and change settings. Some phone/radio connection applications also require permissions granted by the user's phone; in this case we advise you to check the situation of the permissions on your phone.

APP INSTALLATION FROM APK FILES



Install	AnyDesk Version:5.2.2(50202)
Manage	AdControl Version:1.0.1(10001)
Exit	DAB+ Version:1.2(3)
	DAB-Z Version:1.5.61(35)
	DAB-Z Version:1.5.55(29)
	DAB+ Version:1.2(3)
	DAB+

to install applications from apk files use the **apk installer application**

Install: When you open the application, press the INSTALL button to view the available APK files in the memory media, and then select the APK file that you want to install.

Manage: Displays all (non-native) files installed on the radio. From this section we have the option to uninstall the files.

APP INSTALLATION FROM PLAYSTORE



To install applications directly from the playstore you must first connect the Wi-Fi of the radio to a network with internet access (generally the hotspot of your phone), open the playstore application, and enter the login data of your Google account. Once we enter your Google account, we will have the possibility to install the desired applications on the radio.

GOOGLE ACCOUNTS



By entering your Google account in the radio, we have the possibility to access Gmail, Calendar, Address Book and all the features that our account makes available to us. In this way all applications related to google account will always remain aligned and updated. For example, we can make an appointment on the calendar in the office with location or address we can then view it on the radio and start browsing towards the appointment directly on the radio.

GOOGLE PODCAST



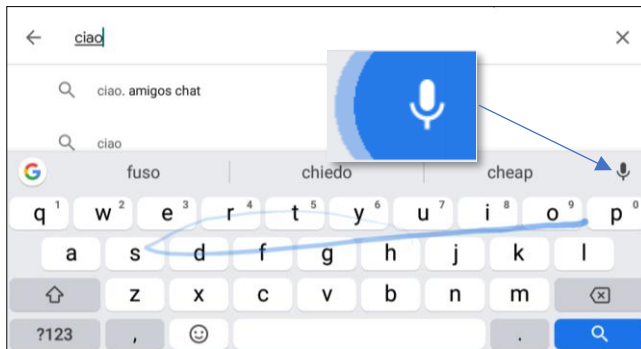
You can listen to your favorite podcasts by installing from the Google Podcast PlayStore. The application gives the user the opportunity to find and listen to countless podcasts divided into categories such as ART, CULTURE, NEWS, GOSSIP, SHOW, HISTORY, PHILOSOPHY, MUSIC and many others.

I could memorize your favorite address books and follow the authors you are interested in.

GBOARD PROPERTY

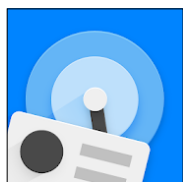


Using Google Gboard (if it is not present on the radio you can install it from the PlayStore simply by typing in the Gboard search field) we have the possibility to have a very practical and simple keyboard to use.



This keyboard can type text by simply crawling the letters of the word you want to compose with one finger (even approximately). This keyboard can type text with voice, this feature is especially useful to enter addresses on the navigator or to dictate text messages or emails to be sent directly from the radio without having to act on the touchscreen.

RADIO WEB



With Radiogram you can listen to radio stations without the use of antennas, just one internet connection is enough. You can connect the WIFI of your radio to the hotspot of your phone or to any WIFI network. The maximum estimated consumption is 50Mb/hour of uninterrupted listening (the figure was obtained by measuring the hourly consumption of the broadcaster with the most data traffic of our knowledge).

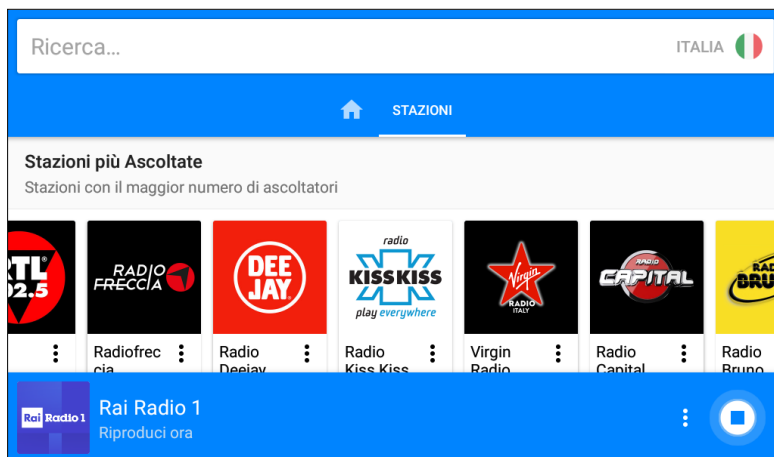


THEMATIC

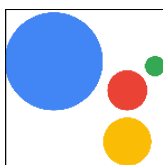
CHANNELS

ONRADIOGRAM:

POP, TOP40, CURRENT, TALK, 70' 80' 90', ROCK LOCAL DANCE, OLDIES, NEWS, CLASSICS, ALTERNATIVES, SPORT, RELIGION, EASY, CLASSICAL, JAZZ, HIPHOP, RELAX, R&B, STUDENT, COMEDY



GOOGLE ASSISTANT-VOICE CALL



With google voice assistant you can have access to many voice-command functions, to activate the assistant just press the button as from image to left.

To make the best use of voice commands you need to put the radio online (with phone hotspots or SIM), however you can use a part of the offline commands.

Here are the most common commands:

-GOOD MORNING- The good morning routine reproduces the weather forecast, the journey to work (if set to maps) and the latest news, this routine can be modified by the settings of the voice commands.

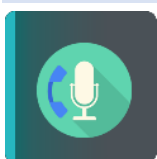
-TAKE ME TO:... .. - With this command we can give our assistant a destination that will be set to maps, so you can start the navigator to the desired destination

-LET ME LISTEN RADIO.....-Simply by calling the name of the FM station the assistant will open the web radio by tuning in to the requested broadcaster. TUNEIN must be installed for this function

-CALL.....- If we have our contacts on Google, it will be possible to make a phone call simply by asking the assistant to call a certain person or number.

-LET ME HEAR THE LATEST NEWS- The assistant will make us listen to the most up-to-date news.

OFFLINE VOICE CALL

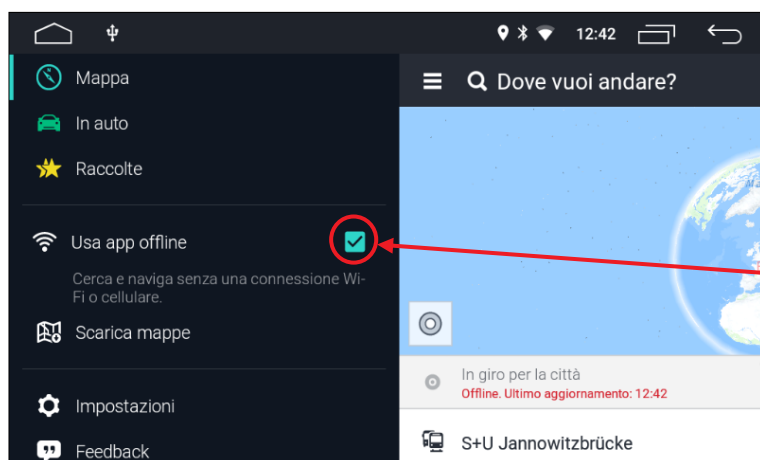


If we want to make offline voice calls, we recommend downloading your phone book in the bluetooth section and installing a "Voice Call" application.

To make the call, press the button and say only the name of the person to call.

DEFAULT NAVIGATOR (HERE WE GO)

WARNING: the navigator already presents by default HERE WE GO contains preloaded maps inside the radio memory, as a result the red writing "offline" will appear to clarify that it will continue to work even without Wi-Fi network.



to access the menu press on the three horizontal lines in the upper left

- Opens the main map
- Opens navigation
- Favorites (must be logged in)
- Use the navigator in the absence of a net **WARNING: to use preloaded maps this box must remain selected**
- Download/update maps on the radio
- Advanced settings

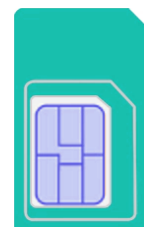
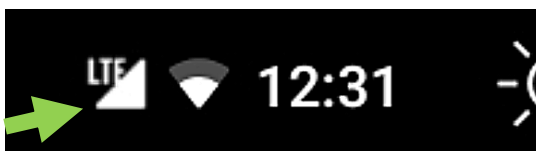
SET A PATH: To set a navigation path, simply type the address in full in the top bar, and then press the entry below DIRECTIONS select a path and press START. If the navigator does not "speak" download an item from the Advanced Settings menu, select ITEM SETTINGS, select the item you want to download.

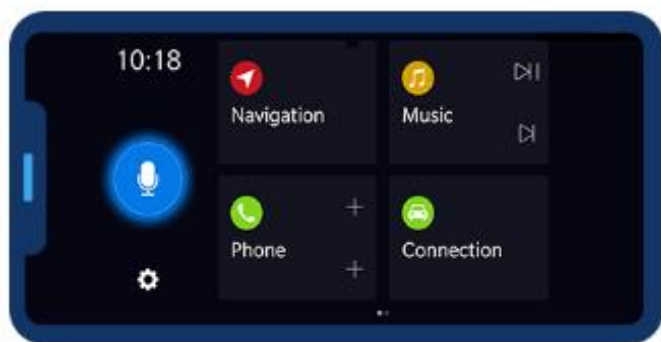
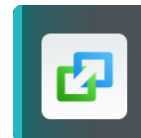
NIGHT VISION: To set the night vision enter the advanced settings then select DAY/NIGHT VIEW.

MEMORY: On some models (equipped with micro-SD slots) you can insert a micro-SD card into the MAP slot and upload offline maps to it. To have the SD card inserted and open the settings section, select Storage Memory, and select the Storage SD card.

3G 4G LTE SIM

To be able to browse using a SIM, simply insert a SIM card in the Mini SIM 25X15mm format with available data traffic. After a few seconds, the receive field report should appear as shown.





The EasyConnection application gives the user the ability to connect their phone to the radio. Using easyconnection's customizable control panel or (exiting the easyconnection screen) using your phone in mirror function. The mirror function is one-way (the radio cannot change the phone) for Android WIFI and iPhone while the Androids connected with USB are two-way.

ANDROID PHONE PREPARATION:

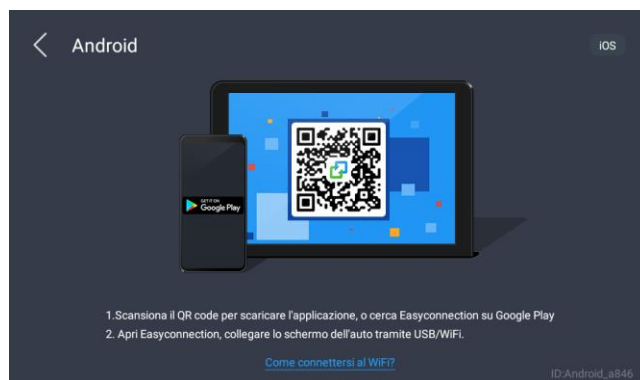
1. Open **PlayStore**, and install Easyconnection on your phone
2. Open **your phone's settings**
3. Open phone info usually called **Info Software**
4. press the **build** number entry **7** times in a row **and** return to the previous page
5. Now we can notice the presence of **the entry {developer options}**, enter this section
6. if the first item in the list asks you to enable the set on **option**
7. set the **usb debug entry** to on **and** then exit the settings

On some phones the procedure may be different, see the instructions of the phone.

ANDROID USB: press Android USB and follow the instructions on the radio video. Be careful to make sure that the cable is a DATA cable, and that the USB connection of the phone is data type and not just charge or photo.

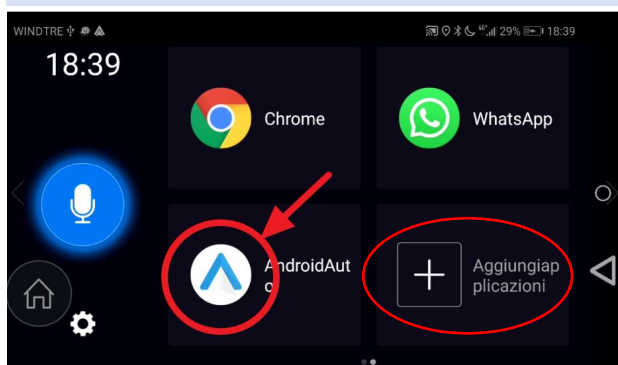
ANDROID WiFi: 1. open a hotspot network on your phone and connect the radio Wi-Fi to hotspot 2. debug your phone USB (see above) 3. press Android WiFi and follow the instructions on the radio video.

IPHONE WiFi: 1. open a hotspot network on your phone and connect the radio wifi to the phone hotspot 2. press the iPhone WiFi button and follow the instructions on the radio video.



FOR MORE PRACTICAL AND FASTER USE WE RECOMMEND USING APPLICATIONS DIRECTLY ON THE RADIO

ANDROID CAR



To use Android Auto of your phone you must first install it on your phone, then add the icon on the Easyconnection page (pressing on the +button) and finally launch it on Easyconnection. Remember that usb connection is required for proper use of this feature.

FEATURES

TUNER

Europe/Asia/Thailand wavelength ranges: FM (VHF): 87.5 -108 MHz; US wave ranges: FM (VHF): 87.7 - 107.9 MHz; South American wavelength ranges: FM (VHF): 87.7 - 107.9 MHz; FM transmission ranges: 30 - 15000 Hz; **FM** Frequency Range: 87.5-108MHz Radio Module: NXP 7786/6686

WIFI (2.4GHZ/5GHZ)

Support standards: 802.11b, 802.11g, 802.11n-HT20/40 Maximum output power: 19.72mW
Frequency Range: 2412-2472MHz for 802.11b/g/n(HT20)-2422-2462MHz for 802.11n(HT40); 5180-5240MHz 802.11a/n

BLUETOOTH

Bluetooth Version: Bluetooth V4.0 (BLE) Freq. Range: 2402-2480MHz Maximum Output Power: 8.6mW

GPS

Frequency Range: 1575.42MHz

USB

Spec. USB standard - USB 2.0 Max. current provided 500mA FAT16 file system, FAT32 Maximum memory capacity 16 GB
Decoding format: Audio: MP3, WMA, AAC, RM, FLAC video: MPEG 4, RMVB, H264, H263, VC1, RV, Divx

DECLARATION OF CONFORMITY

EU DECLARATION OF CONFORMITY

JFsound S.r.l. with registered office in Forlì, via Campo dei Fiori 4, 47122 Forlì (FC) VAT. 04287900403, under its responsibility as a producer, declares that the following product: Reference **type model**: JF-031OI-XDAB **Brand**: JFsound
Producer: JFsound srl complies with DIRECTIVE RED 2014/53/EU

Prerequisite		Specifications/rules applied
Art. 3.1 (a)	Safety, Safety	EN 60950-1:2006 +A11:2009+A1:2010+A12:2011+A2:2013
Art. 3.1 (a)	Health, New Year	EN 62479-2010
Art. 3.1 (b)	Emc	ETSI EN 301 489-1 V2.2.0 (2017-03); ETSI EN 301 489-17 V3.2.0 (2017-03) ETSI EN 301 489-19 V2.1.0 (2017-03); ETSI EN 301 489-53 V1.1.0 (2017-03)
	Emc	EN 55032:2015+AC:2016; EN 55035:2017; EN 50498:2010
Art. 3.2	Radio	ETSI EN 300 328 V2.1.1 (2016-11); EN 303 345 V1.1.7; ETSI EN303 413 V1.1.1 (2017-06) ETSI EN 303 345-2 V1.1.0 (2019-11) - Part 2; ETSI EN 303 345-3 V1.1.0 (2019-11) - Part 3 ETSI EN 303 345-4 V1.1.0 (2019-11) - Part 4; ETSI EN 303 345-5 V1.1.0 (2019-11) - Part 5

To Directive 2011/65/EU (RoHS)

Specifications/rules applied
EN 50581:201 We declare that all devices meet the requirements of RoHS Directive 2015/863/EU. Restricted substances referred to in Article 4(1) and maximum concentration values tolerated by weight in homogeneous materials: • Lead (0.1 %) • Mercury (0.1 %) • Cadmium (0.01 %) • Hexavalent chromium (0.1 %) • Polybrominated biphenyls (PBB) (0.1 %) • Polybrominated diphenyl ethers (PBDE) (0.1 %) • Bis(2-ethylhexyl) phthalate (DEHP) (0.1%) • Butyl benzyl phthalate (BBP) (0.1%) • Dibutyl phthalate (DBP) (0.1%) • Disobutyl phthalate (DIBP) (0.1%)

This declaration of conformity shall be issued solely on the responsibility of the manufacturer (point 3, Annex VI to the RED Directive).

Data: 19/02/2020

YOU CAN FIND THE FULL AND UPDATED VERSION OF THE DECLARATION OF EU CONFORMITY	
AT THE FOLLOWING LINK	SCAN QR CODE
https://drive.google.com/file/d/1Wl3DKvlp43nM904s1nwalf7rovt66EC-/view?usp=sharing	


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