



Parrot ASTEROID *Mini*

User guide

Contents

Before you begin	5
Software updates.....	5
Warnings.....	5
Installation	6
Before you begin.....	6
Installation diagram.....	7
Connecting the audio cable.....	7
Connecting the power cable.....	7
Connecting the mute cable.....	8
Installing the electronic box.....	8
Checking the wiring.....	8
Installation with external amplifier.....	8
Installing the microphone.....	9
Installing the GPS receiver.....	10
Installing the USB cables.....	11
Installing the screen.....	11
Installing the remote control.....	12
Getting started	14
Navigating through the menus.....	14
Customizing the main menu.....	14
Using the virtual keyboard.....	14
Connecting a phone via Bluetooth.....	15
Connecting two phones.....	15
Disconnecting a phone.....	16
Synchronising the phonebook.....	16
Phone	17
Receiving a call.....	17
Making a call.....	17
Viewing the call history.....	18
Using whilst on a call.....	19
Music	20

Using vocal music search.....	20
iPod.....	20
USB storage device.....	20
SD card.....	21
Audio player connected via Bluetooth.....	21
Analogue audio player.....	21
Car stereo.....	22
Commands.....	22
Internet.....	23
Connecting a 3G / 4G key.....	23
Sharing a phone 3G connection via Bluetooth.....	23
Sharing a phone 3G connection via USB.....	24
Using the ASTEROID Market.....	24
Settings.....	27
Time and date.....	27
Phone.....	27
Bluetooth.....	28
Network.....	28
Audio.....	29
Display.....	31
General information.....	32



Before you begin

Software updates

Download the latest update for free (and consult the update procedure) on the Parrot ASTEROID Mini support page on our website www.parrot.com. These updates will enable you to receive new features and improve the product's compatibility.

Warnings

All functions requiring an increased attention should only be used while the vehicle is stationary. Your safety and the one of the other road users prevails over phone calls, music and driving assistance applications. Be responsible: drive carefully and pay full attention to your surrounding. Parrot denies any liability should you choose not to respect this warning.

Use the Parrot ASTEROID Mini with a reasonable volume level so that you can hear all external noises while driving.

Installation

Note: We advise our customers to have the Parrot ASTEROID Mini fitted by a certified Parrot installer.

Before you begin

Warning : Use only the ISO cable provided with the Parrot ASTEROID Mini.

Installing the Parrot ASTEROID Mini is done by inserting it between the car stereo and the vehicles speaker system.

Note: If your car stereo is not fitted with ISO connectors, you need to purchase an ISO adapter cable to simplify the wiring procedure. Refer to the Vehicle compatibility section on the Parrot ASTEROID Mini support page to check whether an ISO adapter is necessary on your vehicle.

Start by removing the car stereo from your vehicle. You may need release keys to do so.

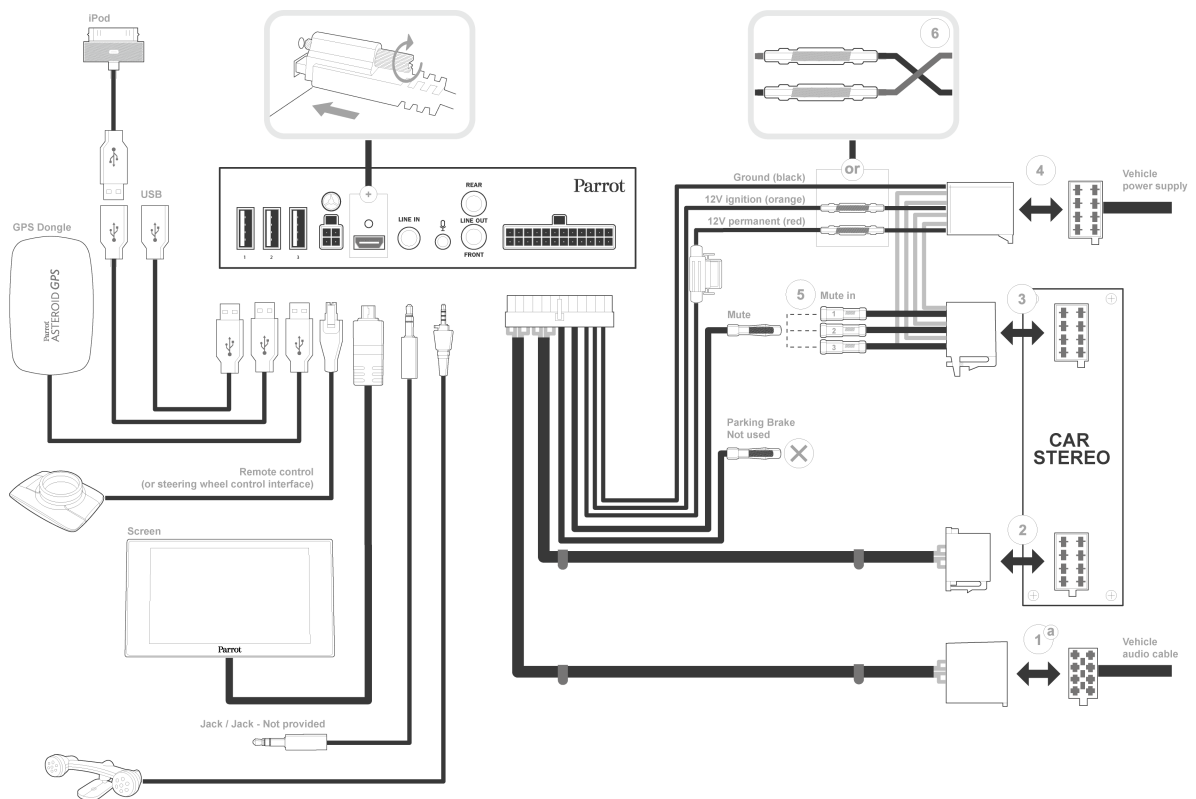
Refer to your car stereo's wiring diagram.

Before you install the individual components, check that the installation locations have been selected in such a way that the cable length is sufficient to connect every element. Once the installation is complete, make sure that no cables are pinched or trapped.

Use only the ISO cable provided with the Parrot ASTEROID Mini.

The connection number indications in the next sections correspond to the connections represented on the installation diagrams.

Installation diagram



ISO installation

Connecting the audio cable

Join the vehicle audio cable to the connector of the Parrot ASTEROID Mini (Connections 1A and 2).

If your vehicle is equipped with an amplifier, refer to the Installation with external amplifier section.

Connecting the power cable

Always check all connections first with appropriate test equipment before connecting any cable to the vehicle.

1. Connect the ISO male connectors of the Parrot ASTEROID Mini to the car stereo (Connection 3).
2. Join the vehicle's power supply cable to the ISO female connector of the Parrot ASTEROID Mini (Connection 4).

The red wire of the Parrot ASTEROID Mini cable must correspond to the constant +12V supply, the orange wire to the ignition +12V and the black wire to ground. Check

that the orange wire is not connected to the constant +12V supply, as you could run down the vehicle's battery.

Note: In order to check the wiring, connect the screen before placing it on the dashboard. Refer to the Checking the wiring section for more information.

On some vehicles, there is no ignition +12V on the vehicle's connectors. You must therefore connect the orange power supply wire to the fuse box or another ignition power source.

Connecting the mute cable

The mute function is used to cut the sound of your car stereo to enable the sound of the Parrot ASTEROID Mini (music, phone calls etc.).

Mute in 1, mute in 2 and mute in 3 are only suggested mute locations : the choice of the mute-in jack depends on your car stereo's configuration. Test and verify the mute on the vehicle then connect the free yellow wire on the ISO cable to the audio system's corresponding mute-in jack (connection 5).

Installing the electronic box

Avoid installing the electronic box near heating or air-conditioning system or on a spot directly exposed to sunlight.

Make sure the electronic box stays fixed once it is installed and that it will not move while you are driving.

Carefully reinstall the car stereo. Do not force. If you are short of space behind the car stereo to install the electronic box, consider installing it in the glove box.

Checking the wiring

To perform the installation check, turn the ignition on then off once the Parrot ASTEROID Mini is installed: the message "Goodbye!" must be displayed.

If it is not the case, it is necessary to inverse the positions of the red and orange wires. Indeed, the red wire of the power cable must be connected to the permanent 12V, the orange wire to the 12V ignition and the black wire to the ground. This can be done simply by unplugging and swapping the cables located on the Parrot wiring (connection 6).

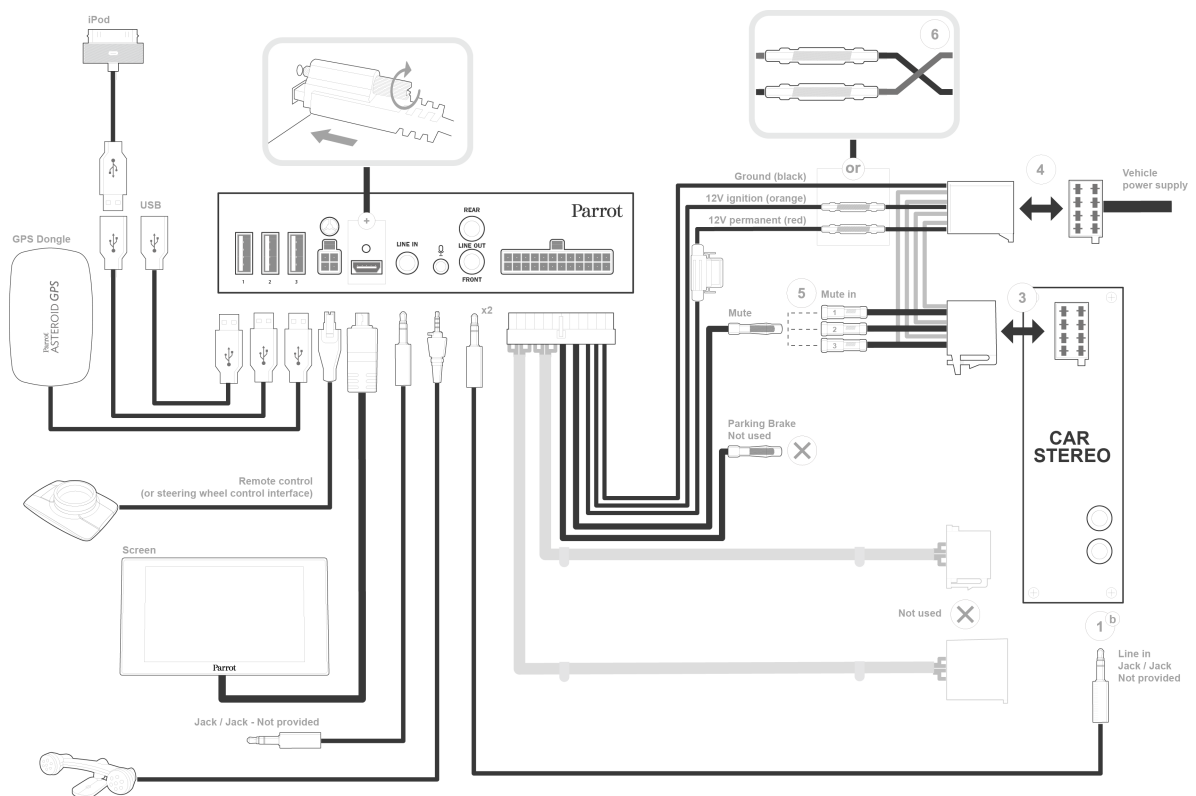
Installation with external amplifier

If your vehicle is equipped with an amplifier :

- Install the Parrot ASTEROID Mini using the Front and Rear Line Out outputs on the

electronic box to avoid saturation problems such as popping in the speakers, background noise etc. Use one or two jack cable(s) to connect the Parrot ASTEROID Mini Line out outputs to your vehicle audio system (Connection 1B).

- Deactivate the Mute on streaming option on the Parrot ASTEROID Mini. To do so, select Settings > Audio and uncheck the Mute on streaming option.
- Select the Auxiliary input on your car stereo to listen to music.



Installing the microphone

The optimum location for the microphone is in the centre of the vehicles roof near the rear view mirror. The microphone ideally needs to be less than 60cm's from the users mouth pointing directly towards them with no obstructions.

Please take care when routing the microphone cable through the vehicle to the desired location, we recommend routing alongside existing manufacture's wiring looms securing as you go making sure the microphone cable is not pinched or trapped.

Warning: Do not run the microphone cable in such a way as to obstruct or interfere with the vehicles operation or cause injury to its occupants. In particular vehicle safety device such as airbags and other SRS systems.



$D < 60 \text{ cm}$ - $\alpha < 45^\circ$

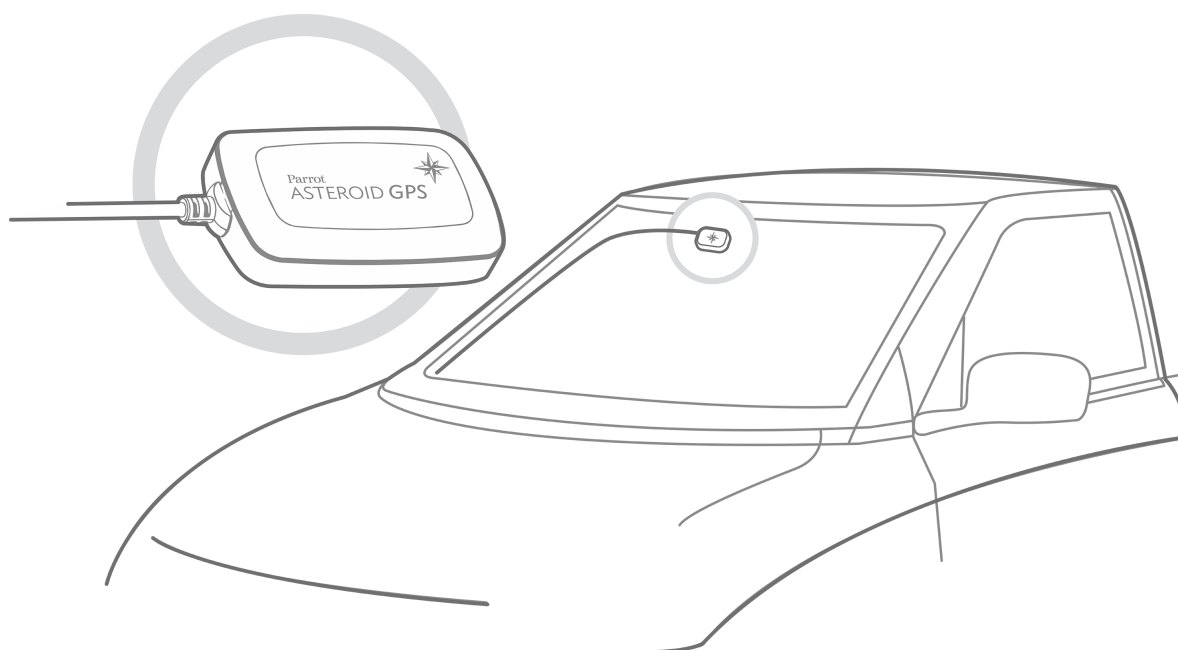
Installing the GPS receiver

Stick the GPS Receiver in an unobstructed area inside the car.

Athermic windshields and windows with a built-in antenna can interfere with GPS reception and reduce the reliability of information from navigation applications.

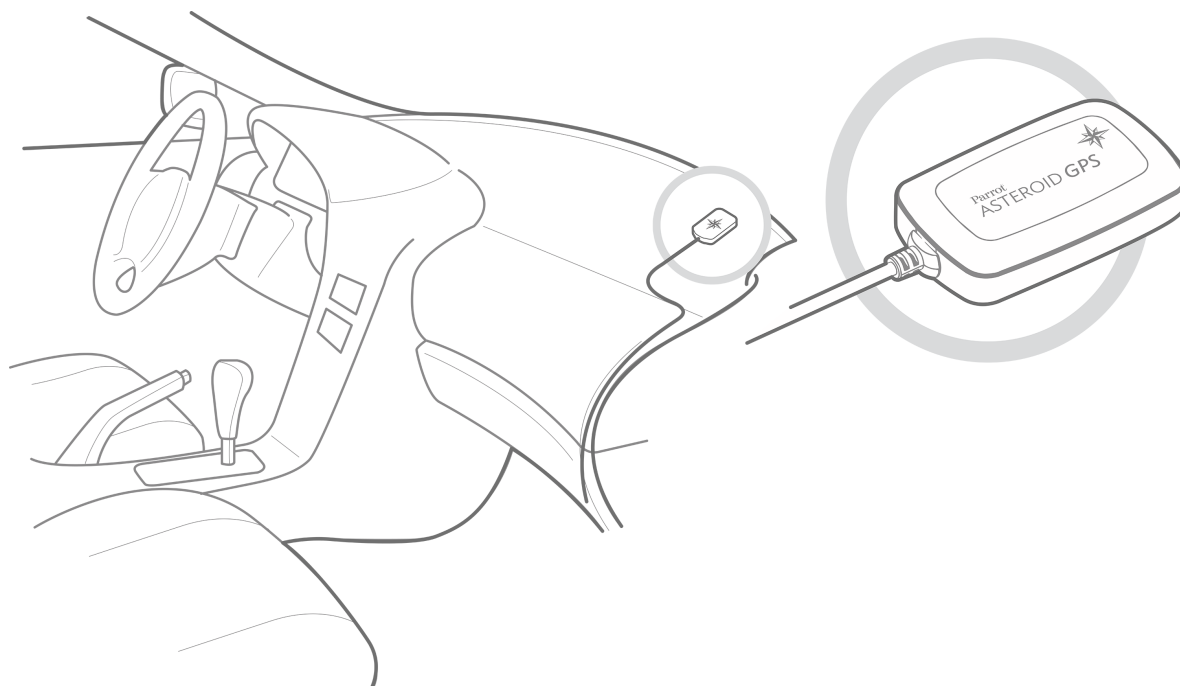
✦ The GPS antenna is located on the side where "Parrot ASTEROID GPS" is written and where the star-shaped logo is. This logo must always be directed towards the sky.

If your vehicle has an athermic windshield, stick the GPS Receiver on the windshield on the non athermic area. The side where the star-shaped logo is must be stuck on the windshield.



Note : The non athermic area of the windshield depends on the model of your vehicle. It is usually located near the rear view mirror.

If your vehicle does not have an athermic windshield, stick the GPS Receiver on the dashboard. The side where the star-shaped logo is must be visible.



- select the support location carefully: once stuck, it will be difficult to change it without affecting the fixation quality ;
- clean the area with an appropriate cleaning product before sticking the support ;
- once you have stuck the support on the dashboard, wait for approximately 2 hours without handling it.

Note : Once the GPS receiver is connected to the Parrot ASTEROID Mini, the GPS receiver light stays off while searching for a GPS signal. The light blinks in white as soon as a signal is detected.

Installing the USB cables

Connect the USB cables to the Parrot ASTEROID Mini. We recommend you connect all audio cables to the Parrot ASTEROID Mini even if you do not plan on using them.

Route the audio cables to a suitable location in your vehicle such as the glove box or arm rest compartment. It may be necessary to drill a hole in your dashboard to do so. Avoid using USB extension cables.

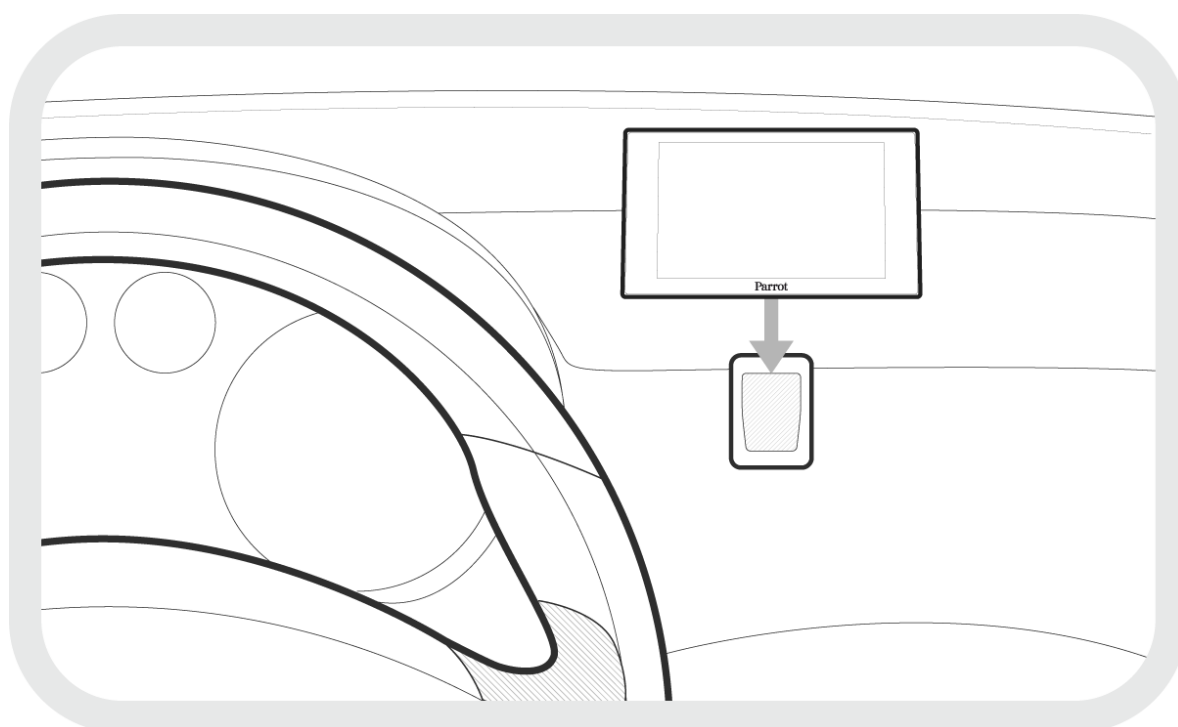
Installing the screen

Warning: Avoid any installation which could hinder the use of any important command or hinder the driver's visibility. Do not install the Parrot ASTEROID Mini in the airbag deployment area or in a possible head impact area. Make sure it is not exposed to the air stream from air vents.

Stick the support on the dashboard.

- select the support location carefully: once stuck, it will be difficult to change it without affecting the fixation quality ;
- clean the area with an appropriate cleaning product before sticking the support ;
- once you have stuck the support on the dashboard, wait for approximately 2 hours without handling it.

Remember to remove your screen when leaving the vehicle to avoid tempting any would-be thieves and to prevent prolonged exposure to sunlight.



Installing the remote control

Stick the remote control support on your dashboard. To do so, use the adhesive tape located under the support.

- select the support location carefully: once stuck, it will be difficult to change it without affecting the fixation quality ;
- clean the area with an appropriate cleaning product before sticking the support ;
- once you have stuck the support on the dashboard, wait for approximately 2 hours without handling it.

There are two ways to supply power to the remote control : with a battery or by connecting it to the electronic box. The buttons on the remote control are backlit

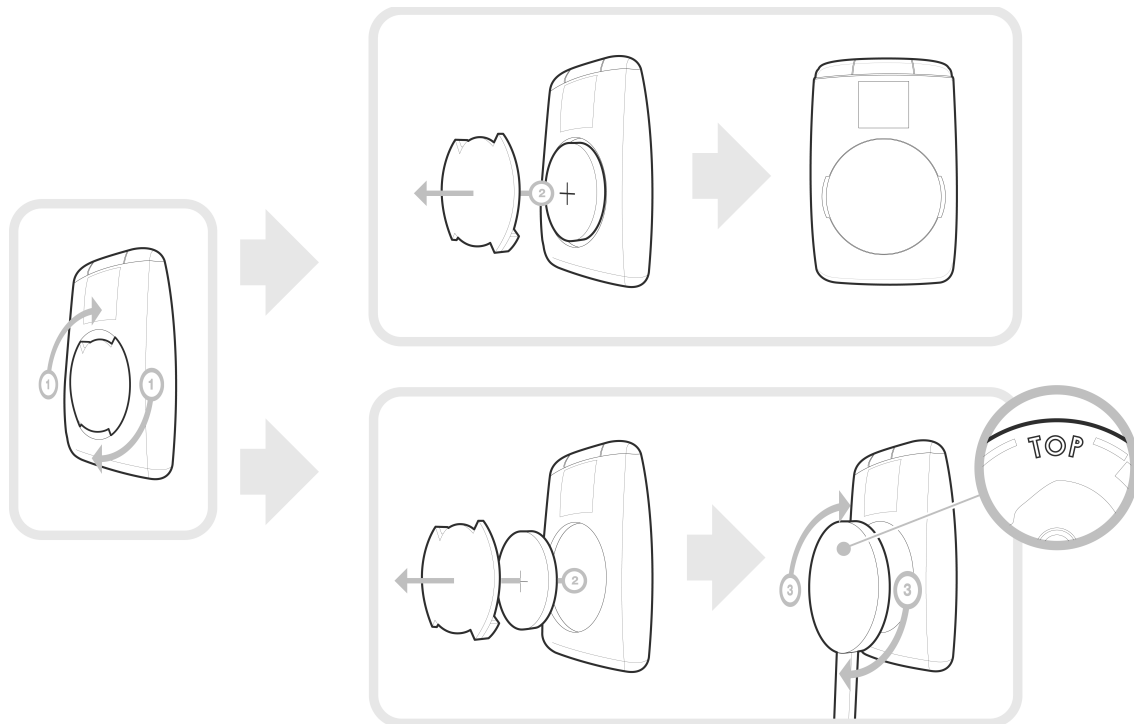
when connected to the electronic box.

To supply power with a battery:

1. Remove the circular plastic part on the back of the remote by turning it clockwise.
2. Insert a 3V CR2032 battery into the remote control. Make sure the battery is correctly positioned.
3. Put the circular plastic part back by turning it counterclockwise.

To connect the remote control to the electronic box :

1. Remove the circular plastic part on the back of the remote by turning it clockwise.
2. Connect the remote control cable into the battery compartment and turn it counterclockwise.
3. Connect the remote control cable to the electronic box, next to the USB connectors.



Note : To check the remote control battery level, select *Settings > Advanced settings > Remote*.

Note : The Parrot ASTEROID Mini remote control can be updated when connected via the remote control cable. Refer to the Parrot ASTEROID Mini software update procedure for more information.

Getting started

Navigating through the menus

Press the **▲** button to access the main menu.

Turn the jog wheel to browse through the menus. Press the jog wheel to confirm.

Press the **↶** button to get back to previous menu.

Press the **☰** button to access the pop-up menu corresponding to the current application. The pop-up menu allows you to change several settings or browse more easily through the content of your audio source or phonebook.

Press the SRC button to select the source of your audio files.

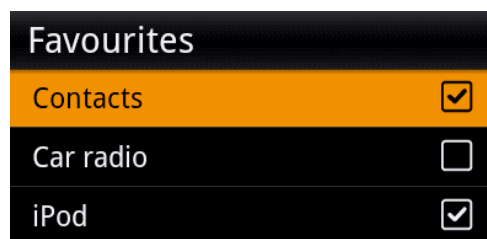
Press the **↷** button to get to the track list if a song is currently being played. While navigating through the menus, press the SRC button to get to the Now Playing screen.

Hold down the **▲** button to display the last 6 applications used or currently in use.

Customizing the main menu

To ease your navigation, you have the possibility to select the displayed elements of the main menu by removing an audio source you do not have or by adding an application you regularly use. To do so :


1. While browsing the main menu, press the **☰** button.
2. Select the menu elements by checking / unchecking the corresponding checkboxes.




Using the virtual keyboard

The virtual keyboard appears when you are asked to enter a code or login information.

Use the jog wheel to select a character. Press the jog wheel to confirm.

Press the  button to display digits, accented and special characters.

To validate your entry, select OK. If your entry contains an error, select .



Connecting a phone via Bluetooth

Note : Refer to the compatibility page of our website to check if your phone is compatible with the Parrot ASTEROID Mini and to consult the specific pairing procedures for the most common phones : www.parrot.com/uk/compatibility.

If you are using the Parrot ASTEROID Mini with your phone for the very first time, you must initially pair both devices. Once your telephone is paired with the Parrot ASTEROID Mini, the 2 devices will automatically connect when they are turned on (as well as *Bluetooth*® features) and in proximity of each other.

1. From your phone, start a *Bluetooth* peripheral search and select «Parrot ASTEROID Mini».
2. The pairing procedure depends on your phone model:
 - If the phone asks you to enter the *Bluetooth* PIN code, enter “0000”.
 - If the Parrot ASTEROID Mini and your phone display two codes, verify that the codes are identical, then either confirm or invalidate.
 - > The Parrot ASTEROID Mini screen will display “Pairing successful”.

Note: Depending on the model of your phone, you may need to authorize the connection to the Parrot ASTEROID Mini to allow further automatic connections. Refer to the user guide of your phone for more information.

Connecting two phones

To activate multipoint telephony and connect two phones :

1. Select Settings > Bluetooth.
2. Activate the Dual mode option.

When the Parrot ASTEROID Mini is switched on, it attempts to connect to all paired phones in the vehicle. If there are more than two paired phones in the vehicle, the device connects to the two phones with the oldest pairing.

When two phones are connected to the Parrot ASTEROID Mini, one of them becomes the active phone and the other is the secondary phone. By default, the active phone is

the one with the oldest pairing to the Parrot ASTEROID Mini.

You can receive calls (manually or through voice recognition) to the active or secondary phones.

Only the phonebook for your active phone may be accessed through the Parrot ASTEROID Mini. You can only make calls using the active phone.

To switch between the connected phones:

1. Select Contacts.
2. Press the ☰ button.
3. Select Switch phone.

Disconnecting a phone

To disconnect a phone to the Parrot ASTEROID Mini or to remove it from the paired devices list:

1. Select Settings > Bluetooth > Paired devices, then select the phone to disconnect or remove.
2. Select Disconnect or Delete.

Synchronising the phonebook

With most of the phones supporting Bluetooth technology, the phonebook is automatically synchronized in the system's memory. Each time you change your directory, synchronisation will start automatically the next time the Parrot ASTEROID Mini and your phone are connected.

Warning: Only the contacts stored in the phone memory are synchronized. If your contacts are stored in your SIM card memory, transfer them onto your phone memory.

Note: Depending on the model of your phone, you may need to authorize the access to your contacts to the Parrot ASTEROID Mini. Refer to the user guide of your phone for more information.




The automatic synchronization is limited to 5000 contacts (or phone numbers) for each paired phone.

Phone

Receiving a call

An incoming call is indicated by a ringtone. The name of the caller is announced if his number is recorded in the phonebook of the phone connected to the Parrot ASTEROID Mini and if the *Announce caller's name* option is activated.

Note : To activate / deactivate the *Announce caller's name* option, select *Settings > Telephone*.

- To answer the call, press the  button. Press the  button to end the call.
- To refuse the call, press the  button.


If the voice commands are activated, you can use the voice recognition feature to pick up and reject a call:

- The magic word « **ACCEPT** » allows you to accept an incoming call.
- The magic word « **REJECT** » allows you to reject an incoming call.

Note: To activate / deactivate voice commands, select *Settings > Telephone*.

Making a call

You can make a call using voice recognition directly after automatic synchronization. The Parrot ASTEROID Mini will automatically recognize the contact you wish to call.

1. Press the  button to launch the voice recognition feature.
 - > The Parrot ASTEROID Mini asks you the name of the contact you want to call.
2. Say the name of the contact and the type of number («**WORK**», «**MOBILE**»...) if there are several numbers associated to your contact.
 - > The call is automatically launched if the voice tag is correctly understood. If it is not the case, a confirmation message is asked. Confirm by saying «**YES**» or «**CALL**».

Note: At any time, press the  button to exit voice recognition mode.


If there are several phone numbers associated to the contact you want to call, you can specify the type of number:


Home	Work	Mobile	Other
At home	At work	Cellular	General
	Office	Cell	Default
	At office	On mobile	Preferred
	At the office	On cellular	
		On cell	
		On mobile phone	
		On cellular phone	
		On cell phone	
		Mobile phone	
		Cellular phone	
		Cell phone	


You can combine several words from the list above to make a call. For instance, « call ‘Paul’ », « call ‘Paul’ on mobile phone », or just « Paul cellphone ».

Calling a contact from the phonebook

1. Select Contacts.
2. Use the jog wheel to browse through your phonebook.

Note : Press the  button and select Search to select the contact name first letter and browse your phonebook more easily.


Note : To deactivate the contact names reading while browsing the phonebook, press the  button and deactivate the Activate TTS option.

3. Press the  button to call this contact or use the jog wheel to choose between different numbers of the same contact.


Bringing up the last dialled number

Hold down the  button to redial the last dialled number.

Dialling a number

1. Select Contacts.
2. Press the  button and select Dial number.
3. Use the jog wheel to select a number and press the jog wheel to confirm.

Viewing the call history

Select Contacts > Call history to get the list of the dialed, missed and received calls. You can then make a call by selecting the contact and pressing the  button or the jog wheel.


Using whilst on a call

Adjusting the volume

Use the jog wheel during a call to adjust the communication volume. The volume setting is saved for subsequent calls.


Note : You can also change this setting in the Settings menu.

Transferring a call to the phone

During a call, if you want to continue the conversation on your phone, press the  button.

If you want to switch back to the Parrot ASTEROID Mini, press the  button.


Muting a call

If you want to deactivate the Parrot ASTEROID Mini microphone during a call, press the  button : you will still hear your caller but your caller will not be able to hear you.

Press the  button to reactivate it.




Managing voice mail

Note: DTMF is a mechanism for navigating voice user interfaces using the phone's numeric keypad. This signal allows you to manage your voice mail using the Parrot ASTEROID.

- To send a DTMF while on a call:
 1. Press the jog wheel.
 2. Use the jog wheel to select a digit.
 3. Press the jog wheel to confirm.
- Press the  button to leave the numeric keypad.

Managing a second call


During a call, you can receive another call if your phone supports this functionality.

- Press the  button to accept the second incoming call.
 - > The first call is put on hold.
- Press the  button to decline the second incoming call. You can also hang up directly from your phone.
- Press the  button to switch from a call to another.

Music

Using vocal music search

The voice recognition function allows you to select the artist / album you want to hear via voice recognition. This function is only available if you are using the Parrot ASTEROID Mini with a USB / SD / iPod peripheral.

1. Press the  button.
2. Say the name of the artist / album when asked to do so.
 - > The list of audio sources connected to the Parrot ASTEROID Mini and applications compatible with the vocal music search function which contain the artist / album that you selected will appear.

***Note:** Check the albums and artists names in the metadatas of your music files. These names may be different from the ones displayed on your music files titles.*

iPod

1. Connect your iPod to the Parrot ASTEROID Mini USB cable with the USB / iPod extension lead.
2. Press the **SRC** button until the iPod source is selected.
3. Select one of the classification criteria (artist, album, songs, genres, playlist) and press the jog wheel.
4. Select the track and press the jog wheel.

USB storage device

The Parrot ASTEROID Mini is compatible with the majority of USB keys / MP3 audio player / external hard drive. There is no restriction in terms of capacity of USB keys.

MP3 (mpeg1 layer3), AAC, WAV, OGG and WMA formats are supported.

1. Connect your USB device to the USB cable.
2. Press the **SRC** button until the USB source is selected.
3. Select one of the classification criteria (artist, album, songs, genres, playlist) and press the jog wheel.

4. Select the track and press the jog wheel.

Note: To browse more easily through the content of your USB storage device, press the ≡ button and select the first letter of your track / album / artist.

SD card

You can use the following SD cards (with adapter if necessary) with the Parrot ASTEROID Mini : SD, micro SD , mini SD, SDHC, mini SDHC, micro SDHC. The SD card capacity must not exceed 32Gb.

MP3 (Mpeg 1 Layer3), AAC, WAV, OGG and WMA formats are supported.

1. Insert the SD card into the appropriate slot located on the right of the screen, with the contact surface facing you .
2. Press the **SRC** button until the SD source is selected.
3. Select one of the classification criteria (artist, album, songs, genres, playlist) and press the jog wheel.
4. Select the track and press the jog wheel.

Note: To browse more easily through the content of your USB storage device, press the ≡ button and select the first letter of your track / album / artist.

If you are using an application, select Settings > Advanced settings > Memory > Deactivate SD card before removing the SD card from the Parrot ASTEROID Mini.

Audio player connected via Bluetooth

Note: The Parrot ASTEROID Mini allows you to use the phone and audio streaming functions from 2 different phones without having to disconnect one of them.

You can use the Parrot ASTEROID Mini to listen to songs stored on your mobile phone or *Bluetooth* audio device. To do so, your phone / audio device must support the *BluetoothA2DP* profile (Advanced Audio Distribution Profile).

If you are using a *Bluetooth* audio player for the first time, you have to pair both devices. If both devices are already paired:

1. Press the **SRC** button until the Bluetooth Audio source is selected.
2. Start playback on your *Bluetooth* audio player.

Analogue audio player

Use a Jack / Jack cable (not provided) to connect an analogue audio player (ex CD player) to the Parrot ASTEROID Mini.

1. Connect the audio player.

2. Press the **SRC** button until the Line in source is selected.
3. Start playing a track on the audio player.

Note : To hide the Line in source from the audio sources list, select Settings > Audio and uncheck the Activate Line-in option.

Car stereo

To get back to your car radio audio output, press the **SRC** button on the remote control and select Car radio.

Commands

To do so	Proceed this way
Pause a song / resume playback	Press the ▷⏏ button
Raise or lower the volume	Turn the jog wheel
Rewind or fast-forward	Hold down the ⏮ or ⏭ buttons
Restart a track	Press the ⏮ button
Skip to the next track	Press the ⏭ button
Skip to the previous track	Press the ⏮ button twice

Internet

Connecting a 3G / 4G key

Note: Refer to the compatibility section of the Parrot ASTEROID Mini on our website to get the list of 3G / 4G keys compatible with the Parrot ASTEROID Mini.

Note : To guarantee an optimal reception quality we recommend you do not connect your internet USB key 3G on the Parrot ASTEROID directly : use the USB cable to install your device on the dashboard (or any other open area).

1. Connect a 3G key to the Parrot ASTEROID Mini using a USB cable.
2. Select OK to activate the 3G connection.
3. Enter your PIN code using the jog wheel (if required), then select OK.
4. Select your APN (Access Point Name) from the suggested list. This information is available in the documentation provided with your 3G key.

Note : If your APN is not in the list, you can add it by selecting Settings > Network > USB modem > Configuration.

5. Wait approximately 30 seconds until the connection is established.

Sharing a phone 3G connection via Bluetooth

Note: Refer to the compatibility page of our website to check if your phone allows 3G connection sharing via Bluetooth and to consult the corresponding procedure : www.parrot.com/uk/compatibility.

If you have a phone that supports the DUN (Dial-Up Networking) or PAN (Personal Area Network) Bluetooth profiles, the Bluetooth connecting your phone to the Parrot ASTEROID Mini will allow for sharing of the phone's 3G connection.

1. Make sure the Bluetooth sharing option is activated. To do so, select Settings > Network > Bluetooth sharing > Activate.
2. Allow connection sharing on your phone. This procedure will vary according to your phone model.
3. Connect your phone to the Parrot ASTEROID Mini via Bluetooth.
4. If necessary, select your APN (Access Point Name) from the suggested list.

Note : If your APN is not in the list, you can add it by selecting Settings > Network > Bluetooth sharing > Configuration.

Sharing a phone 3G connection via USB

Note: Refer to the compatibility page of our website to check if your phone allows 3G connection sharing via USB and to consult the corresponding procedure : www.parrot.com/uk/compatibility.

1. Make sure the USB sharing option is activated. To do so, select Settings > Network > USB sharing > Activate.
2. Make sure that your phone's keypad is unlocked and connect the phone to the Parrot ASTEROID Mini using a USB cable/micro-USB and the USB extension cable provided with the Parrot ASTEROID Mini.

Note : This connection also enables you to recharge your phone's battery.

3. Select your APN (Access Point Name) from the suggested list if necessary.

Note : If your APN is not in the list, you can add it by selecting Settings > Network > USB sharing > Configuration.

Using the ASTEROID Market

Several types of applications are available with the ASTEROID Market : music, geolocation, driver assistance...

All applications may not be available in all countries. The use of some applications may need prior subscription.

The Parrot ASTEROID Mini is a multitasking device: several applications can run simultaneously. For example, you can listen to a Webradio station and use a driver assistance application at the same time.

For more information about installing and using the available applications, refer to the ASTEROID Market web page : www.parrotasteroid.com.

Creating an ASTEROID Market account

1. Connect to <https://www.parrotasteroid.com/asteroidmarket> via your computer or smartphone
2. Click on Create an account.
3. Follow the instructions on screen.

Once an account has been created, the User name and Country fields can no longer be modified. The applications available on ASTEROID Market will depend on the country selected.

The confirmation code is a four-digit code. You will be asked to enter this code for each paid transaction on ASTEROID Market.

Linking an ASTEROID Market account

1. Launch the ASTEROID Market application.
2. Enter the identifiers and then press Connect.

Downloading and installing an application

Before starting, you must create your account on ASTEROID Market and link this account with your Parrot ASTEROID Mini (see previous sections).

You can download an application from your Parrot ASTEROID Mini on the Asteroidmarket site.

NB: To reduce data consumption, we recommend you download your applications from the site <https://www.parrotasteroid.com/asteroidmarket>.

To download an application from the Asteroidmarket site:

1. On your computer, log on to <https://www.parrotasteroid.com/asteroidmarket>.
2. Insert an SD card on your computer in the slot provided or by using a USB/SD adapter.

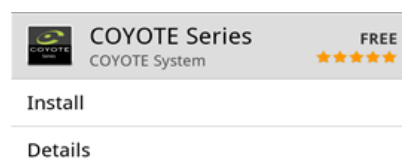
NB: Ensure you have at least twice the size of the application you want to download free on your SD card. If not, the application will not be downloaded and installed.

3. Select an application and then click Download.
> The download of a file with the extension .ppk starts.
4. Once the download has finished, move this file to your SD card.

Warning: Do not rename the downloaded file.

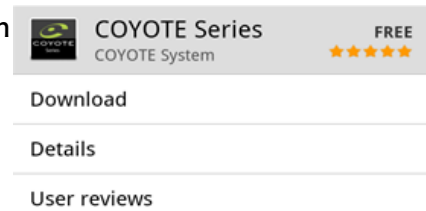
5. Connect the SD card to your Parrot ASTEROID Mini.

1. Select ASTEROID Market, then My applications.
> The list of applications available with their status appears.
2. Select the application to be installed and press the knob.



To download an application from your Parrot ASTEROID Mini :

1. Start the ASTEROID Market application and then select the class type.
2. Select an application and then press Download.
3. Select the application and then press Install.



Exiting an application

Exiting from an application on Parrot ASTEROID Mini without closing it does not necessarily stop your consumption of 3D data:

- Certain applications can operate in background mode.
- When you exit a music application, the buffer memory continues to load the current track.

Note: Buffer memory size depends on the capacity of the SD card that is inserted into Parrot ASTEROID Mini. Data download stops when the buffer memory is full.

To ensure that you do not continue to use 3G data, you must close the application. To do this, press the ☰ button and select Close.

Managing applications

To uninstall an application :

1. Select Applications > Installer.
 - > The list of applications installed on the Parrot ASTEROID Mini is displayed.
2. Select the application and press the ☰ button.
3. Select Uninstall.
4. Select to confirm uninstallation.

To save an application on an SD card:

1. Select Applications > Installer.
 - > The list of applications installed on the Parrot ASTEROID Mini is displayed.
2. Select the application and press the ☰ button.
3. Select Save.

Settings

Time and date

To set time and date manually :

1. Select Settings > Date / time > Settings.
2. Use the jog wheel to modify time and date. Press the jog wheel to confirm.

To select your time zone, select Settings > Date / time > Time zone.

To select the time format, select Settings > Date / time, then check / uncheck the 24 hours option.

To select the date format, select Settings > Date / time > Date format.

To update time automatically via the GPS signal, select Settings > Date / time > Automatic update.

Phone

Reversing last name / first name order

You have the possibility of reversing the "last name / first name" or "first name / last name" order of the directory. This option can be useful if problems occur when using the voice recognition function.

1. Select Contacts.
2. Press the ≡ button and select Sort order.
3. Make your adjustment and push the knob to confirm.

Note: Depending on the model of your telephone, it may be impossible to reverse the last name / first name order.

Caller announce

When you receive an incoming call, the contact name is announced if the number for this contact is stored in the telephone directory connected to the Parrot ASTEROID Mini. To activate / deactivate announcing of contact name:

1. Select Settings > Telephone.
2. Check / uncheck the Announce caller's name option.

Contact names announcement

Contact names are enunciated while browsing the phonebook of the phone connected to the Parrot ASTEROID Mini. To activate / deactivate this option:

1. Select Contacts.
2. Press the ≡ button.
3. Activate / deactivate the Activate TTS option.

Voice commands

Voice commands allow you to receive a call via voice recognition.

Voice commands are activated by default. To activate / deactivate them, select Settings > Telephone > Voice commands.

Ring tones

To change the ring tone for incoming calls, select Settings > Audio > Ring tones.

Mute on Streaming

The Mute on Streaming option is activated by default.

Deactivate it if your vehicle is equipped with an amplifier and if your Parrot ASTEROID Mini is connected to your vehicle audio system using the Line out outputs. To do so, select Settings > Audio and uncheck the Mute on streaming option.

Bluetooth

Adjusting the visibility

To activate / deactivate the Parrot ASTEROID Mini visibility from other Bluetooth devices, select Settings > Bluetooth and check / uncheck the Visibility option.

Note: The Parrot ASTEROID Mini is visible by default.

Changing the Bluetooth name

To change the name which is seen by other Bluetooth devices:

1. Select Settings > Bluetooth > Name and press the jog wheel.
2. Use the virtual keyboard to enter a new name.

Network

Checking the connection status

To check connection status, select Settings > Network > Information > Status.

Enabling GPS location

The option **GPS location** allows Parrot ASTEROID Mini to determine your exact position. This information is required when you use geolocation or driving assistance applications.

You can enable/disable this option when your Parrot ASTEROID Mini connects to the Internet. You can also activate this option by selecting **Settings > Advanced settings > GPS location**.

Sending error reports

The option **Send error reports** is enabled by default. To disable it, select **Settings > Advanced settings > Error reports**.

Disable the option **Full error reports** so that certain items which may contain names from the memory or files used by the process which caused the error are not sent.

Audio

Adjusting the volume

To adjust the volume level, select **Settings > Audio > Volume**. Select the volume type that you would like to change, then use the jog wheel to make your adjustments.

- Select **Player** to change the volume of the music mode.
- Select **Telephone** to change the volume of your communication.
- Select **Microphone** to change the listening volume of your communication.
- Select **Ringtone** to change the volume of ringtones when receiving a call.
- Select **Audio message** to change the volume of menus and messages read aloud by the Parrot ASTEROID Mini.
- Select **Line input** to change the volume when you use the Parrot ASTEROID Mini with an audio player connected via the Jack / Jack cable.

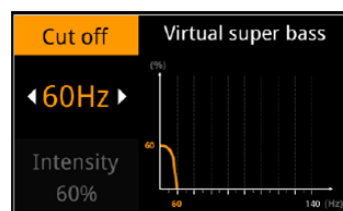
Using the Virtual Super Bass effect

The **Virtual Super Bass** effect amplifies bass frequencies psychoacoustically.

To activate or deactivate the **Virtual Super Bass** effect, select **AudioFX > Virtual Super Bass > Activate**.

To change the characteristics of this effect, select **AudioFX > Virtual Super Bass > Settings**.

The setting **Cutoff frequency** allows you to select the bass cutoff frequency for the speakers (the lowest frequency that the speakers can generate naturally). The **Virtual Super Bass** will reproduce the frequencies that are lower than this cutoff frequency.



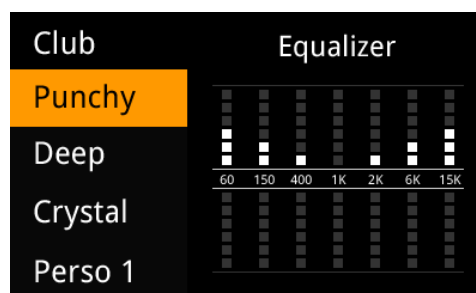
The setting **Effect intensity** allows you to adjust the level of bass frequencies generated by the **Virtual Super Bass** effect.

Using the equalizer

The equalizer allows you to adjust low, medium and high frequencies to your preferences. To use the equalizer, select **AudioFX > Equalizer**.

Select **Off** to deactivate the equalizer.

Select one of the 7 default presets to adjust frequencies to your preferences.



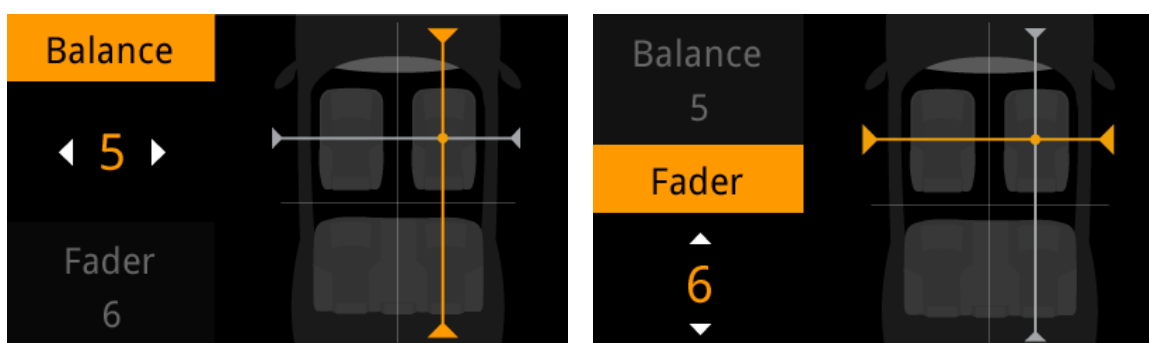
You can also adjust the frequencies manually. To do this:

1. Select the **Customise** option.
2. Use the knob to select the frequency band, then push the knob to confirm.
3. Use the knob to change the gain, then push the knob to confirm.
4. Press the **↵** button when you have finished making your adjustments.

Changing the balance

You can change the sound balance in the passenger cell to achieve optimal listening comfort for all occupied seats in your vehicle. To do this:

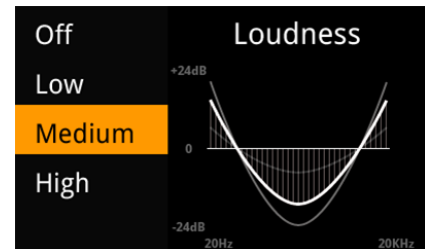
1. Select **AudioFX > Balance**.
2. Use the knob to adjust the balance (right / left) and press the knob to confirm.
3. Use the knob to adjust the fade (right / left) and press the knob to confirm.



Using the Loudness function

The Loudness function is a dynamic adjustment of bass and treble based on listening volume. This function compensates for the human ear's loss of sensitivity to bass and treble frequencies when the volume is low.

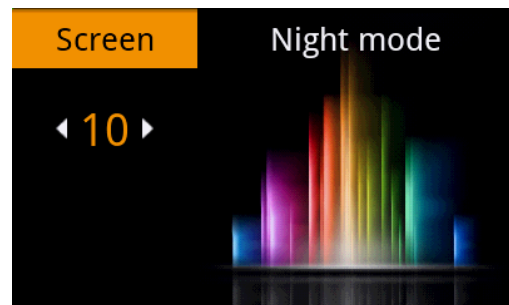
To use the Loudness function, select **AudioFX > Loudness**. Adjust Loudness to medium or high if you generally listen to music at a low volume.



Display

Adjusting brightness

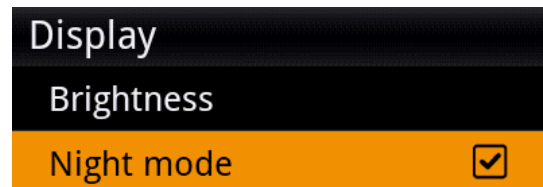
1. Select **Settings > Display > Brightness**.
2. Use the knob to adjust the screen brightness.
3. Push the knob to confirm.



Switching from day / night mode

The day / night mode adapts the screen brightness to exterior brightness conditions. To switch from day / night mode, select **Settings > Display > Night mode**.

Note: You can also push the knob for 2 seconds to switch from day / night mode (while being on the main menu).



General information

Warranty

Without prejudice of legal warranty, Parrot contractually warrants during 12 months from the date of initial purchase by the consumer (except wearing parts guaranteed for 6 months) that the product is free from defects in materials and workmanship, upon presentation of proof of purchase (date, place of purchase, serial number of the product) to the retailer or Parrot. During the contractual warranty period, the defective product must be returned in its original packaging to the after-sales service of the retailer. After inspection of the product, Parrot will proceed, at its option, to the replacement or the issue a credit note to the exclusion of any other remedy.


Warranty does not cover: upgrading of the software items of the Parrot products with Bluetooth cell phones for compatibility purpose, data recovery, deterioration of the external aspect due to normal wear of the product, any damage caused by accident, misuse, misapplication, or non-Parrot products.

Parrot is not responsible for storage, loss or damaged to data during transit or repair. Any product wrongfully declared to be defective will be returned to sender and inspection, process and carriage costs will be invoiced to him.

Modifications

The explanations and specifications in this guide are given for information purposes only and may be modified without prior notice. They are deemed to be correct at time of going to press. The utmost care has been taken when writing this guide, as part of the aim to provide you with accurate information. However, Parrot shall not be held responsible for any consequences arising from any errors or omissions in the guide, nor for any damage or accidental loss of data resulting directly or indirectly from the use of the information herein. Parrot reserves the right to amend or improve the product design or user guide without any restrictions and without any obligation to notify users. As part of our ongoing concern to upgrade and improve our products, the product that you have purchased may differ slightly from the model described in this guide. If so, a later version of this guide might be available in electronic format at Parrot's website at www.parrot.com.

Correct disposal of This Product (Waste Electrical & Electronic Equipment)

This marking  shown on the product or its literature, indicates that it should not be

disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

Registered Trademarks

Parrot and the Parrot logo are registered trademarks of PARROT SA.

The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Parrot S.A. is under license. Bluetooth QDID : B013841, B013839, [-]

"Made for iPod / iPhone" means that an electronic accessory has been designed to connect specifically to iPod or iPhone respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

iPod and iPhone are trademarks of Apple Inc, registered in the US and others countries

All other trademarks mentioned in this guide are protected and are the property of their respective owners.

Gracenote, the Gracenote logo and logotype and "Powered by Gracenote" are either registered trademarks or trademarks of Gracenote Inc. in the United States and/or other countries.

Identification N. 394 149 496 R.C.S. PARIS

Parrot S.A.

Copyright © 2013 Parrot. All Rights Reserved.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with FCC's and IC's RF radiation exposure limits set forth for an uncontrolled environment.. The antenna(s) used for this transmitter must be installed and operated to provide a separation distance of at least 20 cm from all

persons and must not be collocated or operating in conjunction with.