



Parrot ASTEROID[®]

User guide

Parrot ASTEROID

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Before you begin

Software updates

Download the latest update for free (and check the update procedure) on our website. 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 navigation instructions. 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 with a reasonable volume level so that you can hear all external noises while driving.
- The Parrot ASTEROID includes NdFeB magnets which can damage objects sensitive to magnetic fields (pacemakers, credit cards, mechanical clocks...).

Steering wheel control interface

A steering wheel control interface can be used to connect your vehicle's steering wheel controls to your Parrot car stereo. With this interface (available in second half of 2011), you will be able to make phone calls via the steering wheel controls while keeping your hands on the wheel. Refer to our website www.parrot.com for more information.

Installation

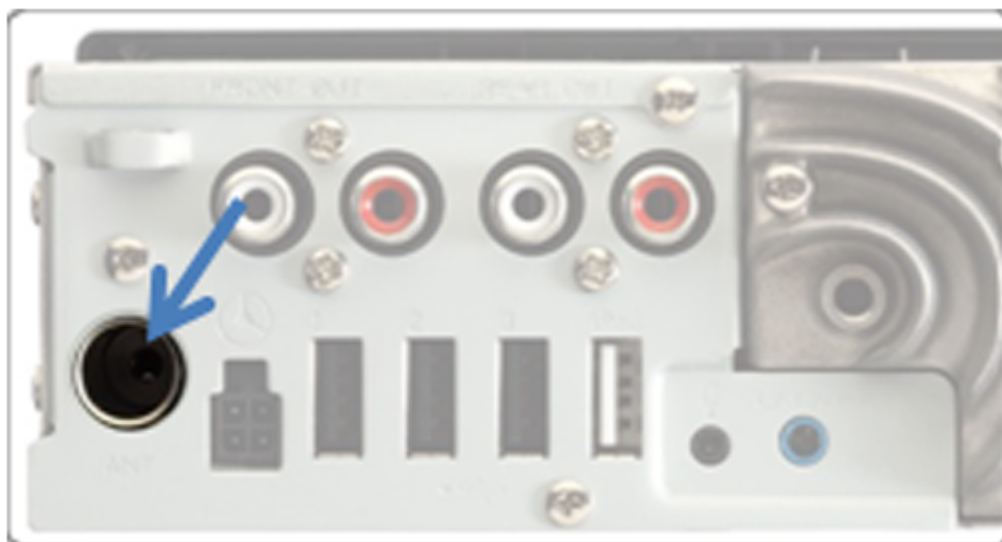
Note: We advise our customers to have the Parrot ASTEROID fitted by a professional.

Safety instructions

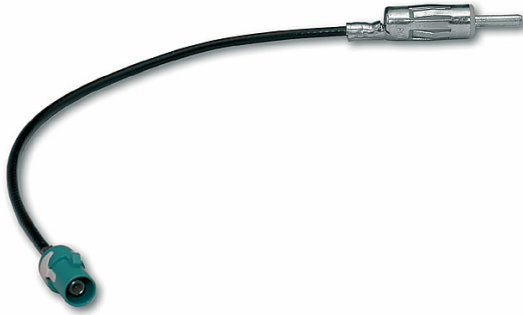
- Turn the ignition off before installing the Parrot ASTEROID.
- Install the Parrot ASTEROID only on vehicles with a 12 V battery.
- Place all cables away from hot places (heater outlet) and moving parts (gear shift, seat rails...).

Before you begin

- Remove your car stereo from your vehicle. You may need release keys to do so.
- Try to connect the audio and power connectors of the Parrot ASTEROID to the connectors of your vehicle. If this connection is impossible, you have to obtain an ISO adapter before installing the Parrot ASTEROID.



Parrot ASTEROID antenna connector



Example of antenna adaptor -DIN / Fakra (not provided)

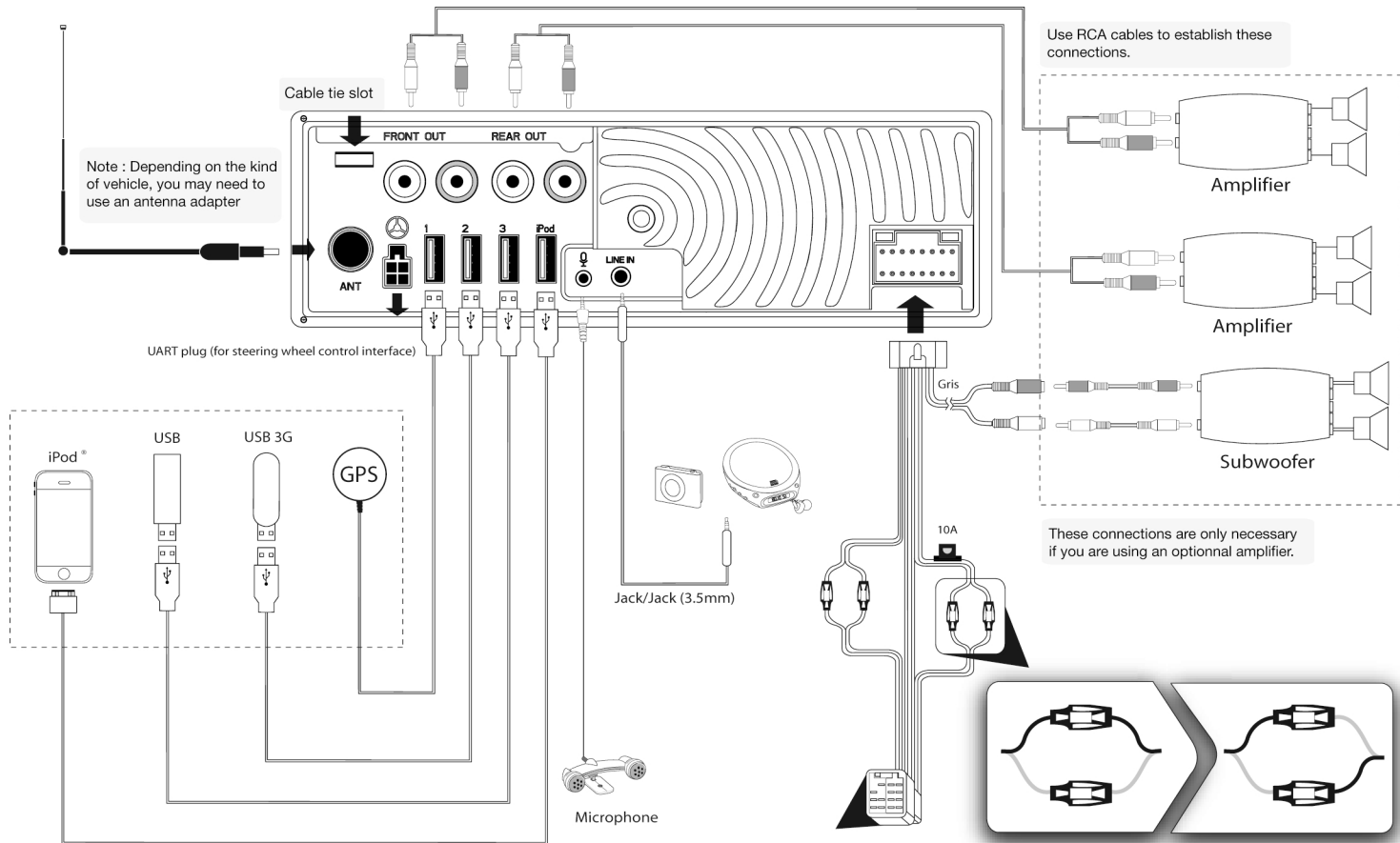
- Compare the Parrot ASTEROID antenna connector to the antenna connector of your vehicle. If an adaptor is necessary, contact your local car audio specialist. Make sure you also supply power to your antenna if it is amplified. Power to the antenna can be supplied using the Parrot ASTEROID ISO cable.

Installing the car stereo

1. Insert the cage and fix it into the dashboard using the bracket mounting tab.
2. Pull audio and power cables of the vehicle to the outside of the dashboard, through the mounting bracket.
3. Connect the audio and power connectors of the Parrot ASTEROID to the ones of your vehicle.
4. Check the wiring (as explained in the *Final check* section).
5. Install the audio cables (as explained in the *Installing the cables* section).
6. Install the double microphone (as explained in the *Installing the microphone* section)
7. Slide the car stereo into the Parrot ASTEROID cage and install the faceplate.

Final check

- Once all the connections are made, turn the ignition on then off to perform the installation test. The "Goodbye" message must be displayed.
- If it is not the case, it is necessary to swap the positions of the red and yellow wires. Indeed, the red wire of the power cable must be connected to the 12V ignition, the yellow wire to the permanent 12V and the black wire to the ground. This can be done simply by reversing both fuse holders located on the Parrot wiring.



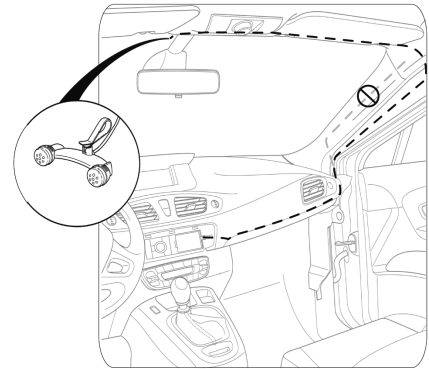
For more information, refer to the diagram on the car stereo.

Installing the cables

- Connect the iPod / iPhone®, USB, Jack cables and the GPS Antenna to the Parrot ASTEROID. We recommend you connect all audio cables to the Parrot ASTEROID 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.
- Make sure you connect the iPod / iPhone cable to its specific USB port. "iPod" is written above it.
- Use the double-sided tape to stick the GPS Antenna to your dashboard. Once you have stuck the dongle to the dashboard, wait for approximately 2 hours to make sure the adhesive tape adheres well.
- 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).
- Use the provided cable ties to make sure the cables are well fixed to the car stereo. Insert one of the cable ties into the slot in the top left of the back of the car stereo (refer to the diagram).

Installing the microphone

- We recommend that you slide the cable into the groove behind the door seal.
- If the cable runs above the pedals, ensure that it is properly secured.



***Warning:** Do not run the microphone cable through the heating, ventilation or air conditioning systems or in front of the side airbags.*

- Make sure the microphone is installed as close to the mouth of the user as possible. The ideal distance is 60 cm. The best possible location for the microphone is near the rear-view mirror.
- The microphone needs to be pointed towards the user.



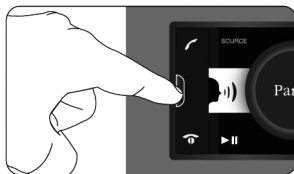
$D < 60 \text{ cm}$
 $\alpha < 45^\circ$

Installing the GPS antenna

- Install the GPS Antenna in an unobstructed area.
- Clean the dashboard, then use the adhesive located on the back of the GPS Antenna to attach it to the dashboard. Then wait for approximately 2 hours without handling the dongle to ensure that it adheres properly.
- Athermic windshields and windows with a built-in antenna can interfere with GPS reception and reduce the reliability of information from navigation applications.

Basic operations






- To remove the faceplate, press the eject button on its left. Place the faceplate into the provided carrying case in order to protect it from scratches and dust.



- To attach the faceplate, put it on the right side of the car stereo. Once the faceplate and the car stereo magnets connect, press the left side.
- To remove the car stereo from the dashboard, insert the provided extraction key until they click into place.


Getting started

Navigating through the menus

- Press the  button to access the main menu.
- Browse through the menus by turning the wheel and confirm by pressing the wheel.
- 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  button to get to the track list if a song is currently being played. While navigating through the menus, press the SOURCE button to get to the Now Playing screen.
- Press the  button for 2 seconds to display the last 6 applications used or currently in use.
- Press the SOURCE button to select the source of your audio files.

Note: With the exception of the Line Input source, audio sources that you use with the Parrot ASTEROID only appear in the SOURCE menu when they are connected. You have the possibility of [deactivating display of the Line Input](#) in the source menu.

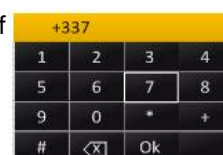
Turning the Parrot ASTEROID on / off


Press the  button for 2 seconds to turn the Parrot ASTEROID on / off.

Note: To deactivate the greeting music, select **Settings > Audio** and uncheck the **Start up sound** option.

Using the virtual keyboard

- The digital keyboard appears when you are asked to enter the PIN code of your 3G key or when you would like to enter a number or a DTMF.



- The alphanumeric keyboard appears when you enter your login info, which is required when using Internet applications.
- Use the knob to select letters / numbers. Push the knob to confirm. Push the knob for 2 seconds to display the accented characters that correspond to the selected letter.
- The ≡ button displays special numbers and characters on the alphanumeric keyboard.
- To validate your entry, select OK.
- If your entry contains an error, select .

Connecting a phone to the Parrot ASTEROID

Compatibility

Refer to the [compatibility section](#) of our website to check if your phone is compatible with the Parrot ASTEROID.

Adjusting the Parrot ASTEROID visibility

- Before pairing your phone with the Parrot ASTEROID, make sure that it is visible by all *Bluetooth* devices. To do so, select **Settings > Telephony > Visibility** then make sure the option is checked. If it is not the case, check it by pressing the jogwheel.

Note: The Parrot ASTEROID is visible by default.

Pairing a phone

- Prior to using the Parrot ASTEROID with your phone for the very first time, you must initially pair both devices. To do so:
 1. From your phone, search for *Bluetooth*® peripherals and select “Parrot ASTEROID “.
 2. The pairing procedure depends on which telephone model you have:
 - If the phone asks you to enter the Bluetooth PIN code, enter “0000”.
 - If the Parrot ASTEROID and your telephone display two codes, verify that the codes are identical, then either confirm or invalidate.

> The Parrot ASTEROID screen will display “Pairing successful”.

Note: Pairing procedures for the most common phones are available on the compatibility section of our website.

Automatic connection

- Once your telephone is paired with the Parrot ASTEROID, the 2 devices will automatically connect when they are turned on and in proximity of each other.

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

Defining a phone as preferred phone

The phone which you will define as Preferred is the one whose connection with the Parrot ASTEROID will take priority. This option may be useful if several phones paired with the Parrot ASTEROID are simultaneously in the vehicle. To define a phone as preferred :

1. Select **Settings > Telephony > Paired devices**.
2. Select the phone you want to define as Preferred.
3. Check the **Preferred phone** option.

Disconnecting a phone

1. Select **Settings > Telephony > Paired devices**.
2. Select the phone you want to disconnect from the Parrot ASTEROID.
3. Select **Disconnect**.

Deleting a phone from the paired devices list

1. Select **Settings > Telephony > Paired devices**.
2. Select the phone you want to delete.
3. Select **Delete**.

Managing the "Memory full" problem

- You can pair up to 10 devices with the Parrot ASTEROID. If you attempt to pair an 11th phone, you will get the « Memory full » message. You must then delete a phone from the paired devices list. To do so:
 1. Select **Settings > Telephony > Paired devices**.
 2. Select the phone then select **Delete**.

Note: The problem of full memory may also be related to an installation problem: inversion of ignition 12V and permanent 12V or absence of after-contact 12V.

Synchronising the phonebook

Automatic synchronisation

- With most of the *Bluetooth* phones, the phonebook is automatically synchronized in the system's memory.

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.

- The automatic synchronization is limited to 2000 contacts for each paired phone and to 8000 contacts for all paired phones.
- Each time you change your directory, synchronisation will start automatically the next time it is connected.

Disabling automatic synchronisation




- If you have too many contacts in your phonebook, you have the possibility to choose the contacts you want to send. To do so, you must disable the automatic synchronisation in order to send the selected contacts via Bluetooth manually. To do so:
 1. Delete your phone from the paired devices list. Refer to the [Deleting a phone from the paired devices list](#) section for more information.
 2. Select **Settings > Telephone > Special pairing > Disable automatic sync**.
 3. Re-pair your phone to the Parrot ASTERIOD. Refer to the [Pairing a phone](#) section for more information.

Sending contacts via Bluetooth

- If your phone does not support automatic synchronization, you can also use the Object Push function of your phone to send contacts from your mobile to the Parrot ASTERIOD via *Bluetooth*. To do so, select **Settings > Telephony > Special pairing > Object Push**.
- Refer to your phones' user guide for more information about sending contacts via Object Push.

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 ASTERIOD.
- If you want to answer the call, press the  button. Then press the  button to end the call.
- If you want to refuse this call, press the  button.

Making a call

Making a call via voice recognition

Note: You can make a call using voice recognition directly after automatic synchronization or Object Push process. The Parrot ASTERIOD will automatically recognize the contact you wish to call.

- To make a call via voice recognition:
 1. Press the  button to launch the voice recognition feature.
 - > The Parrot ASTERIOD asks you the name of the contact you want to call.
 2. Say the name of the contact and the type of number («Work», «Cellphone»...) 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
- At home

- Work
- At work
- Office
- At office
- At the office

- Mobile
- Cellular
- Cell
- On mobile
- On cellular
- On cell
- On mobile phone
- On cellular phone
- On cell phone
- Mobile phone
- Cellular phone
- Cell phone

- Other
- General
- Default
- Preferred


- 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

- To make a call manually:

1. Select **Phonebook**.
2. Select the contact.

Note: To browse your phonebook more easily, press the  button and select the first letter of the contact you want to call.


3. Press the  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

- To dial a number:
 1. Select **Phonebook**.
 2. Press the  button and select **Dial**.
 3. Select a number using the jogwheel and press the jogwheel to confirm.

4. Select **OK** to make the call.



Using the Parrot ASTEROID while 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 by selecting **Settings > Audio > Volume**.*

Transferring a call to the phone

- During a call, if you want to continue the conversation on your phone (private conversation), press the  button.
 - > The call is automatically transferred to the phone.
- If you want to switch back to the kit, press the  button.
- The call is automatically transferred to your phone:
 - when the faceplate is removed ;
 - after a 30 minutes communication if the ignition is turned off.

Muting a call

- If you want to deactivate the 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



- The Parrot ASTEROID allows you to send DTMF while on call. To do so, press the jogwheel. Then select the numbers using the jogwheel.

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.

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 automatically 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 the voice recognition function

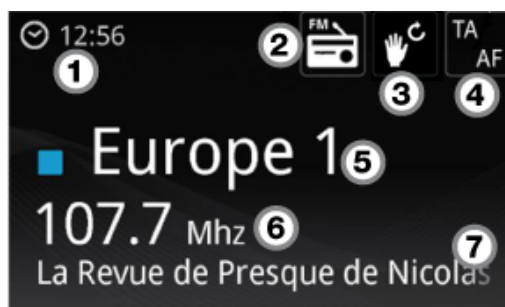
- The voice recognition function allows you to select the artist / album you want to hear via voice recognition. This function is only available if you are using the Parrot ASTEROID with a USB / SD / iPod peripheral.

Note : Several minutes of loading may be necessary when connecting your audio peripheral (USB / SD / iPod) to the Parrot ASTEROID for the first time, particularly if you are using audio peripheral with a large capacity or containing many audio files. This loading time will allow your audio files to be accessible via voice recognition.

- Press the  button then say the name of the artist / album.
- 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.
- The list of audio sources connected to the Parrot ASTEROID which contain the artist / album that you selected will appear.





Radio

Display



- 1 Clock
- 2 Band (AM or FM)
- 3 Manual or Preset mode
- 4 Activated options (Traffic alert / RDS scan)
- 5 Station name
- 6 Station frequency
- 7 Radiotext (text sent via RDS signal)

Selecting a frequency

- To select a frequency:
 1. Press the SOURCE button until the **Radio** source is selected.
 2. Press briefly the   buttons to change manually the radio station. Hold down the   buttons to tune to the next available radio station.

Launch a frequencies search

- To get the list of all available stations:
 1. Press the SOURCE button until the **Radio** source is selected.
 2. Press the ≡ button and select **Fullscan**.

*Note: A Fullscan is proposed while using the Parrot ASTEROID for the 1st time. If so, select **Yes**.*

- At any time you can refresh the list of available stations. To do so, press the ≡ button and select **Refresh**.

Memorizing a station

- To memorize a station:
 1. Press the SOURCE button until the **Radio** source is selected.
 2. Select the frequency manually or in **Fullscan** mode.
 3. Press the ≡ button then select **Add to presets**.
 - > To select a stored station, select the **Presets** mode.

Note: You can store as many stations as you want.

Mute / Unmute

- Press the ►|| button to mute / unmute the system.

Modifying the radio parameters

Press the SOURCE button until the **Radio** source is selected then press the ≡ button and select **Settings**.

Traffic alert The Traffic alert option allows the Radio source to be automatically activated and selected when the current station starts broadcasting traffic informations.

RDS scan This option allows you to activate / deactivate the RDS scan which allows to change automatically the frequency of the current radio station when the signal becomes too weak

Activate AM This option allows you to activate / deactivate the AM frequencies.

FM step This option allows you to select the FM step (50 or 100 kHz).

iPod

Note: Several minutes of loading may be necessary when connecting your audio peripheral (USB / SD / iPod) to the Parrot ASTEROID for the first time, particularly if you are using audio peripheral with a large capacity or containing many audio files. This loading time will allow your audio files to be accessible via voice recognition.


Compatibility

- If you are using the Parrot ASTEROID with the iPod Mini, iPod Photo, iPod 3G and iPod Shuffle, then connect your iPod to the Parrot ASTEROID using the Jack / Jack cable.
- If you encounter a problem while using your iPod with the Parrot ASTEROID, refer to the iPod compatibility table available on the Parrot ASTEROID support page.

Playing a music file

If your iPod / iPhone is connected to the Parrot ASTEROID via the iPod connector:

1. Press the SOURCE button until the **iPod** source is selected.
2. Select one of the classification criteria (artist, album, songs, genres, playlist) and press the jogwheel.

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

3. Select the track and press the jogwheel.

USB storage device

Note: Several minutes of loading may be necessary when connecting your audio peripheral (USB / SD / iPod) to the Parrot ASTEROID for the first time, particularly if you are using audio peripheral with a large capacity or containing many audio files. This loading time will allow your audio files to be accessible via voice recognition.

Compatibility

- The Parrot ASTEROID 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.
- Only MP3 (Mpeg 1 Layer3), AAC or WMA formats are supported.

Playing a music file

1. Connect your USB storage device to the Parrot ASTEROID using the USB cable or the USB connectors on the back of the car stereo
2. Press the SOURCE button until the USB source is selected.
3. If the tags of your audio files are correctly defined, select one of the classification features (artist, album, songs, genres, playlist) and press the jog wheel. If the tags of your audio files are not defined, select Directories or Flat directories.

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

SD card

Compatibility

Note : Several minutes of loading may be necessary when connecting your audio peripheral (USB / SD / iPod) to the Parrot ASTEROID for the first time, particularly if you are using audio peripheral with a large capacity or containing many audio files. This loading time will allow your audio files to be accessible via voice recognition.

- You can use the following SD cards with the Parrot ASTEROID :
 - SD, micro SD (with adapter), mini SD (with adapter)
 - SDHC (class 2, 4, 6), mini SDHC (with adapter), micro SDHC (with adapter)

There is no restriction in terms of capacity of SD cards.

Only MP3 (Mpeg 1 Layer3), AAC or WMA formats are supported.

Playing a music file

1. Remove the Parrot ASTEROID faceplate.
2. Insert the SD card into the appropriate slot with the contact surface facing down.
3. Reattach the faceplate.
4. Press the SOURCE button until the SD source is selected.
5. If the tags of your audio files are correctly defined, select one of the classification features (artist, album, songs, genres, playlist) and press the jog wheel. If the tags of your audio files are not defined, select Directories or Flat directories.

Note : To browse more easily through the content of your SD card, press the ≡ button and select the first letter of the artist / album / track you want to hear.

Analogue audio player

Compatibility

Use a Jack / Jack cable to connect an analogue audio player (ex CD player) to the Parrot ASTEROID.

Playing a music file

1. Connect the audio player using the Jack connector.
2. Press the SOURCE button until the Line in source is selected.
3. Start playing a song on your audio player.

Deactivating the Line in source

Every audio player is only displayed in the source menu only if it is connected to the Parrot ASTEROID except the Line in source. To hide the **Line in** source and avoid a useless step while selecting your audio source:

1. Select **Settings > Audio**.
2. Check the **Activate Line in** option.

Mute / unmute

- Press the ►|| button to mute / unmute the Parrot ASTEROID.

Audio player connected via Bluetooth

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

Compatibility

- You can use the Parrot ASTEROID to listen to songs stored on your mobile phone or *Bluetooth* audio device. To do so, your phone / audio device must support the *Bluetooth* A2DP profile (Advanced Audio Distribution Profile). To make sure the phone connected to the Parrot ASTEROID supports the A2DP profile:
 1. Select **Settings > Telephony > Paired devices**.
 2. Select your phone then select **Supported Bluetooth profiles**.
 - > If **Bluetooth audio reception** is displayed, then you can use this phone with the Parrot ASTEROID via *Bluetooth*.

Playing a music file

- 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 SOURCE button until the **Bluetooth Audio** source is selected.
 2. Start playing a song on your audio player.

Internet

Connecting the Parrot ASTEROID to the internet


Compatibility

- Please refer to our website to see the list of [3G keys](#) and [telephones](#) that are compatible with the Parrot ASTEROID.

Connection with a 3G key

***Warning:** Internet connection via a 3G key requires a subscription offer with a telephone operator. Using this service can result in significant roaming charges. Check the conditions of your subscription and consumption tracking with your operator. Parrot disclaims any liability for associated costs.*


***Note:** To ensure optimum reception quality, do not connect your 3G key to the back of the Parrot ASTEROID: use a USB cable to install the accessory on the dashboard (or any other unobstructed area).*

1. Connect a 3G key to the Parrot ASTEROID with a USB cable.
> A pop-up will appear.
2. Activate the 3G connection by selecting .
> A pop-up **Status of 3G connection** will appear, followed by another pop-up, which will ask for your PIN code.
3. Enter your PIN code using the knob, then select **OK**. Check the **Memorise PIN code** option if you would like your PIN code to be stored each time you turn on the Parrot ASTEROID.

Note:** You will be able to change this setting by selecting **Settings > Network > 3G Key

4. Select your APN (Access Point Name) from the suggested list. This information is available in the documentation provided with your 3G key. If your APN is not in the list, you can add it by selecting **Settings > Network > 3G Key > Configuration > New access point**.
> The message "3G key configured" appears.
5. Wait approximately 30 seconds until the connection is established. You can also press the ↩ button and browse the menus while the connection is being established.

Connection via Bluetooth

- If you have a telephone that supports the *Bluetooth* profile, DUN (Dial-Up Networking) or PAN (Personal Area Network), the *Bluetooth* connecting your telephone to the Parrot ASTEROID will allow for sharing of the telephone's 3G connection.
 1. Connect your telephone to the Parrot ASTEROID via *Bluetooth*.
 2. On the Parrot ASTEROID, select **Settings > Network > Bluetooth > Configuration**.
 3. Select your APN (Access Point Name) from the suggested list, then check **Select**.
 4. Press the  button and select **Connect**.
 5. Allow connection sharing on your telephone. This procedure will vary according to your telephone model. Please refer to the [compatibility page](#) of the Parrot ASTEROID for more information.

Check connection status

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

Using the Parrot ASTEROID applications

- Several types of applications are available with the Parrot ASTEROID : music, geolocation, driver assistance... The available applications are listed in the Parrot Asteroid menu and displayed on the product packaging.
- All applications may not be available in all countries. The use of some applications may need prior subscription.
- The Parrot ASTEROID is a multitasking device: several applications can run simultaneously. For example, you can listen to a Webradio station and use the iCoyote station at the same time.
- For more information about using available applications, please refer to the [Parrot ASTEROID support page](#).

Closing an application

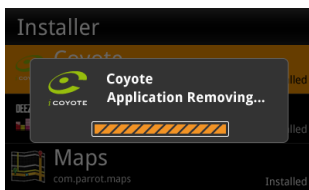
- Exiting a Parrot ASTEROID application without closing it will not necessarily end your 3D data consumption:
 - The Coyote application can run in the background. Please refer to the [support page for the Coyote application](#) for more information.
 - When you exit a music application, the buffer memory continues to load the current track.

Note: Buffer memory size depends on the capacity of the SD card that is inserted into the Parrot ASTEROID. 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

Uninstalling an application



1. Select **Install** from the main menu.
 - > The list of applications installed on the Parrot ASTEROID will appear.
2. Select the application, press the ≡.
3. Select **Uninstall**.

Saving an application

You have the possibility of saving a Parrot ASTEROID application on an SD card.

1. Insert an SD card into the designated slot.
2. Select the application, press the ≡.
3. Select button **Save**.

Settings

Clock

You will be asked to set the time and date the first time you use the Parrot ASTEROID.

Automatic update

The Parrot ASTEROID time can be updated automatically via the RDS signal. To activate automatic updating of time, select **Settings > Date / time > Automatic update**.

Manual adjusting

To manually change the time and date:

1. Select **Settings > Date / time**.
2. Use the knob to make adjustments.
3. Push the knob to confirm.


Phone

Deactivating announce caller

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. To deactivate announcing of contact name, select **Settings > Telephony** and uncheck the **Say calling party name option**.

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 **Sorting 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.

Setting the ring tone

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

Audio

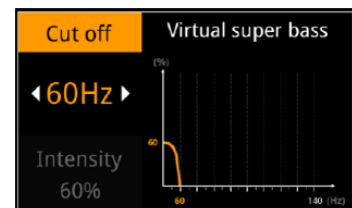
Adjusting the volume

To adjust the volume level, select **Settings > Audio > Volume**. Select the volume type that you would like to change, then use the knob 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 **Audio message** to change the volume of menus and messages read aloud by the Parrot ASTEROID.
- Select **Line input** to change the volume when you use the Parrot ASTEROID with an audio player connected via the Jack / Jack cable.

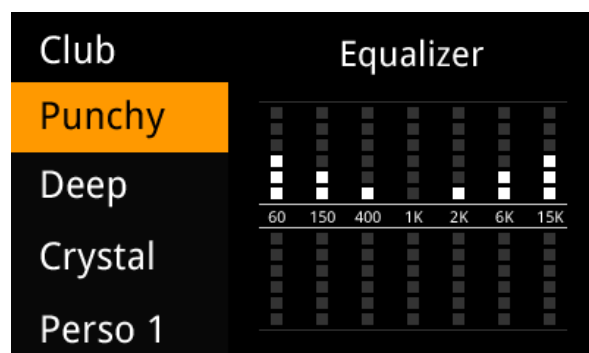
Using the Virtual Super Bass effect

- 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.



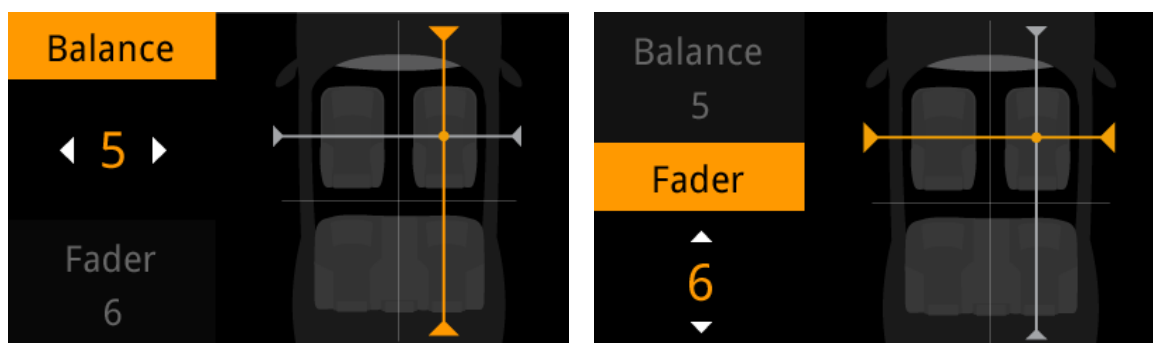
- You can also adjust the frequencies manually. To do this:
 1. Select the **Customise** option.

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

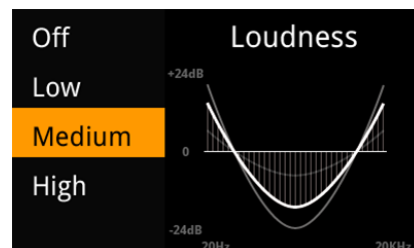
You can change the sound balance in the passenger cell to achieve optimal listening comfort for all occupied seats in your vehicle. To do this:

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.



Using the automatic volume control function

- The **Automatic volume control** function automatically adjusts the volume of your music to the surrounding noise level. If the **Automatic volume control** option is activated, the music volume will increase or decrease along with the surrounding noise level.
- To activate / deactivate the **Automatic volume control** function, select **AudioFX > Automatic volume control > Activate**.
- To change the sensitivity of this function, select **AudioFX > Automatic volume control > Amplitude**.

Using the subwoofer

- The **Subwoofer** function allows you to activate and adjust the subwoofer output. To activate or deactivate it, select **AudioFX > Subwoofer > Activate**.
- To adjust it, select **AudioFX > Subwoofer > Settings**. The setting **Cutoff frequency** allows you to select the maximum frequency sent to the subwoofer output. The setting **Amplitude** allows you to adjust its level.

Note: The subwoofer output must be connected to an external amplifier or an amplified subwoofer.

Music

Displaying album covers


You have the possibility of displaying album covers while the album is playing if it is included in the tags (metadata) of your audio file.

Linking an image to an album


If there are no images included in the tags of your audio files, you can add an image in .jpg format to the corresponding folder. If there are several images in the folder, the Parrot ASTEROID will display the image entitled cover.jpg by preference.

Note: The image size must be less than 1 MB.

Activating / deactivating album cover display


If you would like to deactivate album cover display, press the  button and check / uncheck the **Album cover option**.

Using the Random Play option

To activate / deactivate random play of music files, press the  button while music is playing, then check / uncheck the option **Random play**.

Using the Repeat option

To activate / deactivate the repeat option for music files:

1. While music is playing, press the  button and select **Repeat**.
2. Select **Deactivate**, **Repeat song** or **Repeat all** then push the knob to confirm.

Display

Adjusting brightness

1. Select **Settings > Display > Brightness**.
2. Use the knob to adjust the screen brightness.
3. Push the knob to confirm.
4. Use the knob to adjust the facade brightness.
5. 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.

Troubleshooting

Before you begin

- Make sure the “Goodbye” message is displayed on the Parrot ASTEROID screen when you turn the ignition off. Refer to the Checking the wiring section for more information.
- Reset the Parrot ASTEROID. To do so, remove the faceplate then use a paper clip to press the Reset button. Hold down the Reset button for 3 seconds.



- Make sure you have the latest software update on your Parrot ASTEROID. To do so, select **Settings > About > Version**. Compare this number with the one on our website, [Downloads](#) section.

Problems while using the phone function

- Make sure your phone is compatible with the Parrot ASTEROID. To do so, refer to the [compatibility list](#) of the Parrot ASTEROID.
- If your phone is compatible with the Parrot ASTEROID and if you already have the latest software update:
 1. Erase the memory of the Parrot ASTEROID. To do so, select **Settings > Advanced settings > Factory settings**.
 2. On your telephone, erase the Parrot system from the list of *Bluetooth* peripherals (or reboot your iPhone®).
 3. Repeat the pairing procedure for the 2 devices.

Problems while using the music function

- Several minutes of loading may be necessary when connecting your audio peripheral (USB / SD / iPod) to the Parrot ASTEROID for the first time, particularly if you are using audio peripheral with a large capacity or containing many audio files. This loading time will allow your audio files to be accessible via voice recognition.
- Reboot your iPod / iPhone before connecting it to the Parrot ASTEROID. To reboot your iPod / iPhone (this procedure will not erase any of your data) :
 - iPod: press Menu and the centre button simultaneously until the iPod reboots.
 - iPhone: Press the On/Off button and the Home button simultaneously until the iPhone reboots.
Do not touch the screen when the message "Slide to shutdown" appears.
- Some problems may occur if the iPod / SD card / USB device is already connected to the Parrot ASTEROID before you turn on the ignition. Connect the iPod / SD card / USB device once the ignition is turned on.

For more information

Refer to our online [troubleshooting page](#).

General information

Warranty

Without prejudice of legal warranty, Parrot products are warranted during 1 year from the date of purchase for defects in materials and workmanship, provided that no deterioration to the product has been made, and upon presentation of proof of purchase (invoice) to the retailer. 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.

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 contract their supplier and the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

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.

FCC Compliance Statement

This device complies with part 15 of the FC C 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.

Note: The manufacturer is not responsible for any radio or tv interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Canada Class B statement: This Class B digital apparatus complies with Canadian ICES-003

Copyrights

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Declaration of Conformity



We, Parrot S.A. 174 quai de Jemmapes, 75010 Paris, France, declare under our sole responsibility that our product, the Parrot ASTEROID to which this declaration relates is in conformity with appropriate standards EN 60065 :2002/A1 :2006/A11 :2008, EN 50371 (2002), EN 300328 v1.7.1 and EN 301 489-17 v1.3.2 following the provision of Radio Equipment and Telecommunication Equipment directive 1999/5/EC R&TTE and 2004/104/CE Automotive directive amended by the 2009/19/CE directive.

http://www.parrot.com/fr/support/guidesdaideenligne/parrot-asteroid/asteroid_ce_conformity_declaration.pdf