

Parrot

**Bluetooth® hands-free
kits and systems guide**





Parrot, a global leader in wireless devices for mobile phones, stands on the cutting edge of innovation. The company was founded in 1994 by Henri Seydoux as part of his determination to drive the inevitable breakthrough of mobile phones into everyday life by creating high-quality, user-friendly wireless devices for easy living. Parrot has developed the most extensive range of hands-free systems on the market for cars, motorbikes and scooters, including wireless multimedia products geared towards audiovisual applications. In 2008, Parrot launched a new prestige line of high-end products bearing the hallmark of renowned artists and in 2010, the AR.Drone, the first quadcopter piloted via wi-fi and using augmented reality. Parrot, headquartered in Paris, currently employs 450 people worldwide and generates 85% of its sales overseas. Parrot is listed on NYSE Euronext Paris since 2006. (FR0004038263 – PARRO)
More information:

WWW.PARROT.COM

10 good reasons for choosing...

01

Parrot's reliability: the choice of over 6 000 000⁽¹⁾ drivers

Parrot hands-free systems are designed to last with exceptional reliability. The motor trade knows it and major manufacturers recommend fitting Parrot. Step inside your car with your phone in your pocket and the Parrot hands-free system makes the connection automatically.

02

Uncompromising audio quality

Unique expertise protected by patents: your Parrot system only lets voice through by cancelling out any echoes and filtering out interference from surrounding traffic. With Parrot, your voice remains clear for all your callers.

03

Double microphone: exclusive to Parrot

The two microphones act as your kit's ears, picking up your voice for even greater accuracy. Parrot improves sound quality for the caller by reducing your vehicle's background noise (engine, wind...) and the surrounding noise (sirens, motorbikes...) even more effectively⁽²⁾.

04

Built-in voice recognition

With Parrot, all you need to do is speak to consult the phonebook, answer a call or hang up. Voice recognition is built into the Parrot hands-free system. Parrot has been working on in-vehicle voice recognition technologies for over 10 years to improve your comfort at the wheel.

05

Sleek, ergonomic design

Parrot hands-free systems are designed to blend in seamlessly with the dashboard: matt black texture, clean lines, inconspicuous... the systems can easily be positioned wherever you want them. A navigation and volume adjustment button and two main keys: using a Parrot system could not be simpler or more intuitive.

...a Parrot hands-free system

06

Automatic synchronization with your phonebook

Parrot hands-free systems feature automatic synchronization with your mobile's phonebook: more than 1 000 contacts can be stored in the memory. Systems with a screen display the caller ID or your phonebook. The latest generation systems without a screen are even more unobtrusive and read out the menus and phonebook thanks to speech synthesis (text-to-speech).

07

Wireless music: streaming audio

After voice, it is music's turn to do away with wires. Parrot's systems use *Bluetooth* to play the MP3 tracks on your mobile over the vehicle's speakers in Hi-Fi quality⁽³⁾.

08

The most extensive range of hands-free systems in the world

Parrot offers the most extensive range on the market: plug'n play or fitted, with or without a screen, and even all-in-one with its range of *Bluetooth* car stereos.

09

Compatible with all mobile phone brands

Parrot products are 100% *Bluetooth* compatible and are virtually compatible with almost all phones. Countless tests by our dedicated team and regular free software updates ensure the highest possible compatibility⁽⁴⁾.

10

Easy fitting and seamless integration in over 2 000 car models

Parrot car systems can be fitted in all types of car, irrespective of the make and model. Your fitted Parrot system reproduces your calls over the vehicle's speakers and mutes the car stereo for total listening quality. Fitting is made easy with standard connectors and cables. Steering wheel controls are available for certain systems, giving you fingertip control over your hands-free system⁽⁵⁾.

⁽³⁾ For the MKI or PMK range via the A2DP *Bluetooth* Stereo profile.

⁽⁴⁾ The Parrot CK series of fitted hands-free systems and the Parrot MINIKIT & Parrot MINIKIT SLIM standalone systems are compatible with the Apple iPhone and iPhone 3G (HFP profile). The MKI series is compatible, but the iPhones currently do not feature the *Bluetooth* Stereo A2DP profile for streaming music.

⁽⁵⁾ Available as an optional extra on the Parrot CK3000, Parrot CK3100 and MKI series: MultiCAN and MultiCOMM. Also available with MKI series via an RF remote control which attaches to the steering wheel.

⁽¹⁾ The figures in this document may vary according to the Parrot systems concerned.

⁽²⁾ Available for certain systems, such as MKI range.

portable hands-free kits

PARROT MINIKIT *Smart*



The Parrot MINIKIT *Smart* is a *Bluetooth* hands-free kit featuring a charger and a holder for your Smartphone. Once fitted on the windscreen or dashboard, it will let you access all your Smartphone's telephony and navigation functions hands-free. It connects via *Bluetooth* and transmits the spoken navigation instructions via its 2 W speakers and also synchronizes automatically with your Smartphone's phonebook. This means that you can access the contact names in your phonebook via voice recognition without training or speech synthesis. Not to mention that your battery will never run out, as the kit recharges your Smartphone via its USB port. The Parrot MINIKIT *Smart* is compatible with every brand of Smartphone, mobile OS and navigation system on the market.

Specifications

- Automatic phonebook synchronization: 2000 contacts per paired phone.
- Training-free, multi-user voice recognition.
- Text-To-Speech: speech synthesis of the names in the phonebook and vocal menus
- High-sensitivity extractible microphone
- Noise reduction, full duplex and echo cancellation
- High-quality 2W speaker
- Battery life: up to 10 hours talk time and more than one week on standby.
- Compatible with all navigation applications and all mobile OS
- Works in landscape and portrait modes
- Charges the Smartphone through USB A-type socket
- Dimensions: Length: 115 mm / 4.52 in - Width: 89 mm / 3.50 in - Depth: 46 mm / 1.81 in
- Weight: 180 g / 6.35 oz
- 100% *Bluetooth* compatible, works with all brands of Smartphones and *Bluetooth* devices.

portable hands-free kits

PARROT MINIKIT *SLIM*



The Parrot MINIKIT *SLIM* is a standalone, portable *Bluetooth* hands-free kit. The Parrot MINIKIT *SLIM* is particularly light with a sleek design and offers a wide range of advanced features. For example, you can access your phonebook via the embedded voice synthesis function and make a call via voice recognition. Calls are heard via a vibrating panel speaker which produces a natural, open, crystal-clear sound. Its low-profile allows it to be used in a great variety of places: in the car, at home, in the meeting room, on the move...

Specifications

- Automatic phonebook synchronization
- Learning-free, multi speaker voice recognition
- Text-To-Speech: speech synthesis of the names in the phonebook
- Audio output via vibrating panel (NXT technology)
- Integrated high-sensitivity, omnidirectional microphone
- Noise reduction, full duplex and echo cancellation (Parrot DSP-3)
- Battery life: more than 15 hours talk time and more than 20 days on standby
- Dimensions: 4.3 x 2.4 x 1.1 in.
- Weight: 2.9 oz
- 100% *Bluetooth* compatible, works with every make of *Bluetooth* phone on the market



hands-free systems to be installed

PARROT CK

The Parrot CK line of *Bluetooth* hands-free systems is made up of two products: CK3000 EVOLUTION and CK3100 LCD. Once connected, the Parrot CK takes over your hands-free calling, so you won't have to use your hands to talk on your mobile phone. Conversations are transmitted in full duplex over the vehicle's speakers to deliver listening quality that is second to none.



hands-free systems to be installed

PARROT CK3100 LCD



Specifications

- *Bluetooth* hands-free system with LCD screen
- User interface: screen + 3 buttons
- External adjustable microphone
- Automatic phonebook synchronization
- Displays menus, contacts, user settings, etc.
- Built-in voice recognition for making calls
- Phonebook: stores up to 1,000 names per paired phone
- Stores up to 150 names (max.) per phone
- Noise reduction, full duplex and echo cancellation (Parrot DSP)
- 100% *Bluetooth* compatible, works with every make of *Bluetooth* phone on the market
- Steering-wheel controls interface option available. Check www.parrot.com for more information

PARROT CK3000 EVOLUTION



Specifications

- *Bluetooth* hands-free system (no screen)
- User interface: 3 buttons
- External adjustable microphone
- Built-in voice recognition for making calls
- Stores up to 150 names (max.) per phone
- Noise reduction, full duplex and echo cancellation (Parrot DSP)
- 100% *Bluetooth* compatible, works with every make of *Bluetooth* phone on the market
- Steering-wheel controls interface option available. Check www.parrot.com for more information

hands-free music systems to be installed

PARROT MKi SYSTEM

Made for
iPod iPhone

The Parrot MKi line of *Bluetooth* hands-free music systems contains three products: MKi9000, MKi9100 and MKi9200.

Once paired with your *Bluetooth*-enabled cell phone, the Parrot MKi allows you to quickly make a phone call in your vehicle without having to press any buttons on your phone. Conversations and music are transmitted directly via your vehicle's speakers, for The Virtual SuperBass effect even lets you boost your stereo to produce a deep, powerful sound.

Thanks to the music cable supplied, Parrot MKi systems can play tracks from your iPod/iPhone, MP3/USB player and any other analogue audio player. MKi systems are also compatible with any *Bluetooth* (A2DP) streaming devices.

Once the phonebook has been automatically synchronized, you can access all your contacts via the multi-user voice recognition function (requiring no training) or let the MKi read you the names in the phonebook via its text-to-speech voice synthesis. The Parrot MKi range also combines an external dual microphone and the latest-generation of digital signal processing software (DSP-3). This produces unrivalled sound quality, regardless of the background noise.

The wireless remote control allows you to easily access all the functions of your Parrot MKi system from the dashboard or steering wheel. As a result, this state-of-the-art, integrated hands-free solution allows you to keep your eyes on the road all the time.

hands-free music systems to be installed

PARROT MKi9000

Specifications

- *Bluetooth* hands-free system (no screen)
- User interface: wireless remote control with 6 buttons
- External adjustable dual microphone
- Automatic phonebook synchronization
- Learning-free, multi-speaker voice recognition
- Text-To-Speech: speech synthesis of the names in the phonebook
- Phonebook: up to 2,000 contacts per telephone and up to 8,000 in total per system
- Connections: iPod/iPhone, USB, line-in
- Audio effects: Virtual SuperBass
- *Bluetooth* profiles: HSP, HFP, OPP, PBAP, A2DP (*Bluetooth* stereo), AVRCP
- Noise reduction, full duplex and echo cancellation (Parrot DSP-3)
- 100% *Bluetooth* compatible, works with every make of *Bluetooth* phone on the market
- Steering-wheel controls interface option available. Check www.parrot.com for more information



PARROT MKi9100

Specifications

- *Bluetooth* hands-free system with OLED screen
- User interface: wireless remote control with 6 buttons
- External adjustable dual microphone
- Automatic phonebook synchronization
- Displays menus, contacts, user settings, simplified playlist etc.
- Learning-free, multi-speaker voice recognition
- Text-To-Speech: speech synthesis of the names in the phonebook
- Phonebook: up to 2,000 contacts per telephone and up to 8,000 in total per system
- Connections: iPod/iPhone, USB, line-in
- Audio effects: Virtual SuperBass
- *Bluetooth* profiles: HSP, HFP, OPP, PBAP, A2DP (*Bluetooth* stereo), AVRCP
- Noise reduction, full duplex and echo cancellation (Parrot DSP-3)
- 100% *Bluetooth* compatible, works with every make of *Bluetooth* phone on the market
- Steering-wheel controls interface option available. Check www.parrot.com for more information





hands-free music systems to be installed

PARROT MKi9200

Specifications

- *Bluetooth* hands-free system with 2.4" color screen
- User interface: wireless remote control with 6 buttons
- External adjustable dual microphone
- Automatic phonebook synchronization
- Displays menus, contacts, settings, complete playlist, CD cover*, etc.
- Learning-free, multi-speaker voice recognition
- Text-To-Speech: speech synthesis of the names in the phonebook
- Phonebook: up to 2,000 contacts per telephone and up to 8,000 in total per system
- Connections: iPod/iPhone, USB, SD/SD-HC card, line-in
- Audio effects: Virtual SuperBass & Sound Spatializer
- *Bluetooth* profiles: HSP, HFP, OPP, PBAP, A2DP (*Bluetooth* stereo), AVRCP
- Noise reduction, full duplex and echo cancellation (Parrot DSP-3)
- 100% *Bluetooth* compatible, works with every make of *Bluetooth* phone on the market
- Steering-wheel controls interface option available. Check www.parrot.com for more information



* if already in the player and if linked to the file being played



hands-free music systems to be installed

PARROT ASTEROID



Parrot ASTEROID is a Single-DIN car receiver with multimedia connectivity and hands-free capabilities. It embeds an ANDROID operating system that leads it to a new world of possibilities in the automotive environment such as Internet applications and geo-localization thanks to its 3G and GPS connectors: Internet radios, music streaming radios, points of interests or navigation services. Several applications will be proposed by Parrot along its product life. Parrot ASTEROID plays all types of music sources: iPod, iPhone, 4xUSB, SD card and also *Bluetooth* stereo (A2DP), analog player. The musical voice search facilitates access to your music; just pronounce the name of the artist, album stored in your music library and the music will be launched automatically. Parrot ASTEROID also offers *Bluetooth* advanced hands-free telephony features: from the first connection, the Parrot ASTEROID automatically synchronizes the phonebook of the mobile and directly associates an user-independent voice recognition tags. So calls can be simply launch by voice or by browsing the phonebook. Parrot ASTEROID links you to the future in your car!

Specifications

- Single-DIN car receiver with a 3.2" color TFT screen
- FM/AM tuner with "RDS Text+" & TP/PTY/PS/RT
- 4x55W MOSFET amplifier – 6xRCA Line-output with subwoofer
- Android operating system
- GPS receiver with USB connector
- Displays menus, contacts, settings, complete playlist, CD cover, caller's photo.
- External adjustable double microphone
- Training-free, multi-user voice recognition
- Text-To-Speech: speech synthesis of the names in the phonebook.
- Automatic phonebook synchronization : up to 2,000 contacts per telephone, up to 8,000 in total per system.
- Voice musical search: select music by saying the Artist or the album name.
- Connections: iPod / iPhone, 4xUSB, SD/SD-HC card, line-in.
- *Bluetooth* v2.1+EDR with HSP, HFP, OPP, PBAP, A2DP, AVRCP.
- Noise reduction, full duplex and echo cancellation (Parrot DSP-3).
- 100% *Bluetooth* compatible, works with virtually every make of *Bluetooth* phone on the market.
- Internet application compatible with 3G connectivity (Internet radio, geolocation, speed radar detector...). See availability by country on www.parrot.com



accessories



PARROT UNIKA

Parrot UNIKA is an installable interface which links the controls on your vehicle's steering-wheel to any Parrot MKi or RKi hands-free system. This provides you therefore with all the functions of your Parrot hands-free system within easy reach, in any situation.



new



PARROT CONVERSO

Parrot CONVERSO is an installable interface, it connects your vehicle's steering wheel controls to any hands-free system in the Parrot MKi Series. It fits perfectly in the vehicle and is compatible with the original car receiver. So you have all the features of your Parrot hands-free system within easy reach, whatever the circumstances.



PARROT MULTICAN

Steering wheel controls for CAN cars: Renault, Peugeot, Citroën... Featuring a CAN bus.



PARROT MULTICOMM

Steering wheel controls for cars: Fiat, Toyota... Featuring an R-Ladder bus.



ISO PARROT CABLE

Compatibility with all Parrot hands-free kits and music kits with BMW, PSA systems, and so on.

OEM



PARROT FC6100 Module

Module offers automotive implementation of all smartphone features

- Android
- Hands-free *Bluetooth* telephony and streaming
- Speaker-independent voice recognition
- Multimedia connectivity to iPod & USB
- Web browsing through 3G+
- Wifi & *Bluetooth* 3.0 High-Speed



Clarion **JVC** *The Perfect Partnership* **Pioneer** **KENWOOD** *Listen to the Future* **ALPINE**

MAGNET MARELLI **Continental** **Visteon** **DELPHI GRUNDIG**

MOBIS **TechniSat** **snr**



		Portable hands-free kits		Installed hands-free systems		Installed hands-free music systems			
PRODUCT FEATURES		PARROT MINIKIT <i>SLIM</i>	PARROT MINIKIT <i>Smart</i>	PARROT CK3000 EVOLUTION	PARROT CK3100 LCD	PARROT MKi9000	PARROT MKi9100	PARROT MKi9200	PARROT ASTEROID
GENERAL FEATURES	Screen (display) type	No screen	No screen	No screen	LCD monochrome	No screen	OLED monochrome	Color TFT	Color TFT
	Full duplex	●	●	●	●	●	●	●	●
	Echo cancellation	●	●	●	●	●	●	●	●
	Noise reduction	●	●	●	●	●	●	●	●
	Type of noise reduction (NR)	Parrot NR2	Parrot NR2	Parrot NR	Parrot NR	Parrot NR3	Parrot NR3	Parrot NR3	Parrot NR3
	Microphone	1 built-in	1 extractible	1 external	1 external	Double external	Double external	Double external	Double external
	Voice & sound output	Vibrating panel # 2W	2W speakers	Car stereo	Car stereo	Car stereo	Car stereo	Car stereo	Car stereo
	Automatic radio and music mute	NA	NA	●	●	●	●	●	●
	Maximum number of paired devices	5	10	3	5	10	10	10	10
	Universal phone compatibility	●	●	●	●	●	●	●	●
Upgradeable software	Via USB	Via USB	Via cable**	Via <i>Bluetooth</i>	Via USB	Via USB	Via USB	Via USB	
CALLING AND PHONES FEATURES	Automatic phonebook synchronization (cell. to kit)	●	●	NA	●	●	●	●	●
	User-independent voice dialing (free-training voice recognition)	●	●	NA	NA	●	●	●	●
	Voice tag capacity	Up to 100	Up to 100	Up to 150 per phone	Up to 150 per phone	NA	NA	NA	NA
	Phonebook capacity per paired phone	Up to 1000	Up to 2000	Up to 150	Up to 1000	Up to 2000	Up to 2000	Up to 2000	Up to 2000
	Total kit phonebook capacity	2500	20 000	450	5000	8000	8000	8000	8000
	Announced caller ID (through vocal synthesis or voice tags if recorded)	●	●	●	●	●	●	●	●
	Caller ID with photo (if existing in cell phone book)	NA	NA	NA	NA	NA	NA	●	●
	Voice synthesis text-to-speech (TTS) speaks phonebook names	●	●	NA	NA	●	●	●	●
Easy switch to cell phone for privacy	●	●	●	●	●	●	●	●	
MUSIC STREAMING FEATURES	Audio streaming capability (<i>Bluetooth</i> Stereo - A2DP)	NA	Yes for navigation prompts	NA	NA	●	●	●	●
	Volume and music control (<i>Bluetooth</i> AVRCP)	NA	NA	NA	NA	From remote	From remote	From remote	●
MUSIC AND SOUND INPUTS/OUTPUTS	Audio sources	NA	NA	NA	NA	iPod, iPhone, USB, 3.5mm, jack line-in, <i>Bluetooth</i> stereo audio streaming	iPod, iPhone, USB, 3.5mm, jack line-in, <i>Bluetooth</i> stereo audio streaming	iPod, iPhone, USB, SD card, 3.5mm, jack line-in, <i>Bluetooth</i> stereo audio streaming	iPod, iPhone, USB, SD card, 3.5 mm, jack line-in, <i>Bluetooth</i> stereo audio streaming, FM Radio
	Audio outputs	NA	NA	NA	Line out mono	Line out stereo	Line out stereo	Line out stereo	6 x RCA stereo

*Advanced noise reduction **With master Bluebox

glossary

Bluetooth

Wireless technology used for exchanging data via a short-distance radio link. All Parrot products use this technology when making wireless phone calls, transferring photos, playing music, synchronizing phonebooks etc.

Bluetooth profile

A *Bluetooth* profile contains a set of functions specifically dedicated to one type of data or application. Integrated with *Bluetooth* as add-on software, the *Bluetooth* profile allows two peripherals equipped with this profile to exchange data.

Bluetooth stereo (A2DP) profile

The *Bluetooth* stereo (A2DP) profile is used to transfer stereo music from an A2DP audio device (e.g. MP3 player, phone etc.) to an A2DP receiver peripheral (stereo speakers, phone, computer).

Voice synthesis or Text-To-Speech (TTS)

This technology synthesises artificial speech from text allowing a hands-free system to call out the various functions in its menu or say the contact names in the phonebook.

Voice recognition

This technology analyses words or phrases which have been recorded by a microphone in real time and translates them into commands which an automated system can understand. Parrot develops high-performance voice recognition techniques such as multi-user voice recognition, which enables hands-free systems to understand a user's words without prior training, no matter who is using the system.

Automatic phonebook synchronization

This function enables a hands-free system to automatically copy the contacts in a cell-phone's phonebook into its memory as soon as it is connected to the phone via *Bluetooth*. The phonebook can therefore be accessed directly via the hands-free system.

DSP (Digital Signal Processing)

This is a set of signal-processing techniques and algorithms designed specifically to improve sound reproduction. Parrot develops its own algorithms for reducing background noise to make phone conversations clearer. Other algorithms reduce the echo generated by the microphone and speakers in order to improve the audio quality of the call.

NXT technology

This is an innovative technology in acoustic design using a flat membrane instead of a conventional speaker cone. The NXT vibrating panel vibrates slightly across the whole surface, achieving an excellent dispersion of the sound without any distortion.

Your Parrot partner

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