

Parrot

Bluetooth®
hands-free kits and
systems guide





About Parrot

Parrot was founded by Henri Seydoux in 1994 and, since its inception, is a company that remains on the forefront of innovation. It is the world's leading provider of wireless peripherals for mobile phones.

Parrot's goal is to support the overwhelming breakthrough of the mobile phones by creating wireless peripherals that make life easier for our customers. Parrot develops the widest range of hands-free systems on the market for cars and motorbikes, along with wireless multimedia products designed specifically for playing audio and video files.

In 2008 Parrot launched its Parrot By collection showcasing high-end products designed by well-known artists. 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.

10 good reasons for choosing a Parrot hands-free system

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.

06

Automatic synchronisation with your phonebook

Parrot hands-free systems feature automatic synchronisation 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⁾.

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

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

(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.

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 lowprofile 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 synchronisation
- Training-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: h 110 x w 60 x d 2.36 mm
- Weight: 83 g
- *Bluetooth* compatible, works with virtually 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.



PARROT CK3100 LCD

Specifications

- *Bluetooth* hands-free system with LCD screen
- User interface: screen + 3 buttons
- External adjustable microphone
- Automatic phonebook synchronisation
- 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)
- *Bluetooth* compatible, works with virtually 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 per phone
- Noise reduction, full duplex and echo cancellation (Parrot DSP)
- *Bluetooth* compatible, works with virtually 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



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

Once paired with your *Bluetooth*-enabled mobile phone, the Parrot MKi allows you to quickly make a phone call in your vehicle without having to press any buttons on your mobile. 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 synchronised, 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 double 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.



PARROT MKi9000

Specifications

- *Bluetooth* hands-free system (no screen)
- User interface: wireless remote control with 6 buttons
- External adjustable double microphone
- Automatic phonebook synchronisation
- Training-free, multi-user 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)
- *Bluetooth* compatible, works with virtually 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 double microphone
- Automatic phonebook synchronisation
- Displays menus, contacts, user settings, simplified playlist etc.
- Training-free, multi-user 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)
- *Bluetooth* compatible, works with virtually 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" colour screen
- User interface: wireless remote control with 6 buttons
- External adjustable double microphone
- Automatic phonebook synchronisation
- Displays menus, contacts, settings, complete playlist, album artwork (if already in the player and if linked to the file being played) as well as the caller's photo (if already stored in the phone).
- Training-free, multi-user 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)
- **Bluetooth** compatible, works with virtually 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 RKi8400

The Parrot RKi8400 is a *Bluetooth* car stereo featuring all the connections required specifically for digital music. It is also a hands-free system boasting advanced telephony features. You can use the Parrot RKi8400 to make a telephone call in your vehicle in just a few seconds, without even having to touch your phone. The contacts in your mobile's phonebook are automatically* copied to the RKi's memory. Dialling is initiated using either the multi-user voice recognition feature or using the speech synthesis function of the names in the phonebook. To ensure optimum listening quality, conversations and music are transmitted directly via your vehicle's speakers. There is yet another innovation: a highly practical storage compartment is located behind the RKi8400's removable front panel, ideal for hiding your phone, MP3 player, iPod, iPhone or USB flash drive.

Specifications

- Car stereo with a 2.4" colour TFT screen
- User interface: rotary button + function buttons + keypad
- External adjustable double microphone
- Automatic phonebook synchronisation
- Displays menus, contacts, settings, complete playlist, album artwork (if already in the player and if linked to the file being played) as well as the caller's photo (if already stored in the phone).
- Training-free, multi-user voice recognition.
- Text-To-Speech: speech synthesis of names in phonebook
- Phonebook: up to 1,000 contacts per telephone and up to 8,000 in total per system
- Connections: iPod / iPhone, USB, SD/SD-HC card, line-in
- Sound effect: Virtual SuperBass
- *Bluetooth* profiles: HSP, HFP, OPP, PBAP, A2DP (*Bluetooth* stereo), AVRCP
- Noise reduction, full duplex and echo cancellation (Parrot DSP-3)
- *Bluetooth* compatible, works with virtually every make of *Bluetooth* phone on the market

* if already stored in the phone

hands-free kits for motorbikes and scooters

PARROT SK4000



The Parrot SK4000 is a *Bluetooth* hands-free kit for motorbikes and scooters. Once connected via *Bluetooth*, the SK4000 automatically synchronises its phonebook with your phone's phonebook. To make a call, using the training-free voice recognition function simply say the name of the person you want to call. One of the special features of the SK4000 is its multi-function remote control which you can slide under the left grip of the handlebars, allowing you to control all the kit's functions without taking your hands off the handlebars. The Parrot SK4000 also features an FM RDS tuner, a line-in socket and *Bluetooth* stereo (A2DP) connectivity. Parrot has also included a set of both useful of audio effects: dynamic volume control, mono/stereo setting, Virtual SuperBass, stereo widening etc., so that you can listen to your music wherever you are. Easy to install, it can be adjusted for the vast majority of helmets in just a few minutes.

Specifications

- *Bluetooth* hands-free kit for motorbike and scooter helmets
- User interface: buttons and remote control on the handlebar's left grip
- Mono microphone fitted on a flexible coupling
- Automatic phonebook synchronisation
- Training-free, multi-user 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 kit
- Integrated FM RDS radio
- Connections: line-in (mini-USB type)
- Audio effects: dynamic volume control, mono/stereo, Virtual SuperBass, stereo widening
- *Bluetooth* profiles: HSP, HFP, OPP, PBAP, A2DP (*Bluetooth* stereo), AVRCP
- Specific noise reduction, conversations in full duplex
- *Bluetooth* compatible, works with virtually every make of *Bluetooth* phone on the market



accessories



PARROT MULTICAN

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



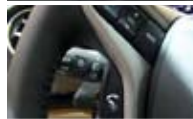
PARROT MULTICOMM

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.



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.

Specifications

- The Parrot UNIKA solution is totally integrated so that it is not at all visible within the vehicle's interior.
- This smart solution is also compatible with every kind of steering-wheel control.
- It is versatile and can be adapted to most vehicle makes on the market*.
- This simple solution is also quick and easy to install.
- Extended compatibility: the Parrot UNIKA interface operates with the CAN bus automotive communication protocol or with the resistive R-Ladder protocol.

* Verify compatibility with your vehicle on our website www.parrot.com

		Portable hands-free kits	Installed hands-free systems		Installed hands-free music systems				Scooters & motorbike hands-free kit
Product features		PARROT MINIKIT <i>SLIM</i>	PARROT CK3000 EVOLUTION	PARROT CK3100 LCD	PARROT MKi9000	PARROT MKi9100	PARROT MKi9200	PARROT RKi8400	PARROT SK4000
General features	Screen (display) type	No screen	No screen	LCD monochrome	No screen	OLED monochrome	Colour TFT	Colour TFT	No screen
	Full duplex	●	●	●	●	●	●	●	●
	Echo cancellation	●	●	●	●	●	●	●	NA
	Noise reduction	●	●	●	●	●	●	●	●
	Type of noise reduction (NR)	Parrot NR3	Parrot NR	Parrot NR	Parrot NR3	Parrot NR3	Parrot NR3	Parrot NR3	Parrot ANR*
	Microphone	1 built-in	1 external	1 external	Double external	Double external	Double external	Double external	1 external
	Voice & sound output	Vibrating panel # 2W	Car stereo	Car stereo	Car stereo	Car stereo	Car stereo	Car stereo	Integrated headphones
	Automatic radio and music mute	NA	●	●	●	●	●	●	●
	Maximum number of paired devices	5	3	5	10	10	10	10	10
	Universal phone compatibility	●	●	●	●	●	●	●	●
Upgradeable software	Via USB	Via cable**	Via Bluetooth	Via USB	Via USB	Via USB	Via USB	Via Bluetooth or USB	
Calling and phones features	Automatic phonebook synchronisation (cell. to kit)	●	NA	●	●	●	●	●	●
	User-independent voice dialing (free-training voice recognition)	●	NA	NA	●	●	●	●	●
	Voice tag capacity	Up to 100	Up to 150 per phone	Up to 150 per phone	NA	NA	NA	NA	NA
	Phonebook capacity per paired phone	Up to 1000	Up to 150	Up to 1000	Up to 2000	Up to 2000	Up to 2000	Up to 1000	Up to 2000
	Total kit phonebook capacity	2500	450	5000	8000	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 (Bluetooth Stereo - A2DP)	NA	NA	NA	●	●	●	●	●
	Volume and music control (Bluetooth AVRCP)	NA	NA	NA	From remote	From remote	From remote	●	From remote
Music and sound inputs / outputs	Audio sources	NA	NA	NA	iPod, iPhone, USB, 3.5mm, jack line-in, Bluetooth stereo audio streaming	iPod, iPhone, USB, 3.5mm, jack line-in, Bluetooth stereo audio streaming	iPod, iPhone, USB, SD card, 3.5mm, jack line-in, Bluetooth stereo audio streaming	iPod, iPhone, USB, SD card, 3.5 mm, jack line-in, Bluetooth stereo audio streaming, FM Radio, RCA input	FM Radio, miniUSB line-in, Bluetooth Stereo audio streaming
	Audio outputs	NA	NA	Line out mono	Line out stereo	Line out stereo	Line out stereo	RCA stereo	NA

*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, synchronising 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 synchronisation

This function enables a hands-free system to automatically copy the contacts in a mobile-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.

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Certified Installer

Your Parrot partner

V8



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