

Product Guide

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Parrot

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Hands-free kit product guide v5



Parrot

Company Background

Founded in 1994 by Chairman and CEO Henri Seydoux, Parrot is one of the most successful and fastest-growing companies working in *Bluetooth*[®] wireless technology.

Parrot's core competency is developing embedded noise-robust voice recognition and Digital Signal Processing Technology for applications in mobile computing and communications. Parrot has the expertise necessary to turn its ideas into products quickly - from the development of signal processing algorithms and application software to the design of advanced dedicated chipsets to the production of attractive, high-quality products.

Parrot is the world leader in *Bluetooth* vehicle systems, and its products are distributed in 95 countries over five continents. The company maintains offices in France, US, UK, Germany, Spain, Italy and Hong Kong/China.

01

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

Parrot hands-free kits 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 kit makes the connection automatically.

02

Uncompromising audio quality

Unique expertise protected by patents: your Parrot kit 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 kit. 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 kits are designed to blend in seamlessly with the dashboard: matt black texture, clean lines, inconspicuous... the kits can easily be positioned wherever you want them. A navigation and volume adjustment button and two main keys: using a Parrot kit could not be simpler or more intuitive. Our kits can be used straight out of the box.

06

Automatic synchronisation with your phonebook

Parrot hands free kits feature automatic synchronisation with your mobile's phonebook: more than 1 000 contacts can be stored in the memory. Kits with a screen display the caller ID or your phonebook. The latest generation kits 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 kits 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 kits 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 kits can be fitted in all types of car, irrespective of the make and model. Your fitted Parrot kit 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 kits, giving you fingertip control over your hands-free kit⁽⁵⁾.

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

(4) The Parrot CK series of fitted hands-free kits and the Parrot MINIKIT & Parrot MINIKIT SLIM standalone kits 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 kits concerned.

(2) Available for certain kits, such as MKI range and RK8200.

PARROT MINIKIT



The Parrot MINIKIT is a portable *Bluetooth* hands-free kit with its own battery. It connects to your *Bluetooth* mobile phone and relays your calls over its 2W speaker. It features the very latest generation in signal processing algorithms for crystal-clear conversations. The Parrot MINIKIT fixes to the sun visor or can be placed on a table. Thanks to its compact size and featherweight design, it can easily be slipped into a pocket or bag.

Specifications

- Compact *Bluetooth* hands-free kit (100 g) with a built-in rechargeable battery.
- Built-in voice recognition for making calls: up to 150 names (max) per phone.
- DSP-2: full duplex, echo cancellation, noise reduction and residual echo cancellation.
- Battery life: over 10 hours' talk time and over 10 days on standby.
- 100% *Bluetooth* enabled, compatible with virtually all *Bluetooth* phones on the market.

PARROT PMK5800



The Parrot PMK5800 is a *Bluetooth* hands-free kit featuring an FM transmitter. It can be plugged into any accessory socket (12V) and connects to your mobile phone via *Bluetooth*. Phone calls are relayed through the car stereo via the FM transmitter and reproduced over the vehicle's speakers. The Parrot PMK5800 also plays music tracks from any *Bluetooth* stereo (A2DP) compatible device or any audio player (CD/MP3 player, etc.) thanks to its line-in socket.

Specifications

- Mobile *Bluetooth* hands-free kit with an adjustable-frequency FM transmitter.
- Conversations and music played over the vehicle's speakers via the car stereo.
- Built-in voice recognition for making calls: up to 150 names (max).
- Works with all 12V accessory socket (adapter supplied).
- 100% *Bluetooth* enabled, compatible with virtually all *Bluetooth* phones on the market.

new



PARROT MINIKIT SLIM

This is a compact, standalone and portable *Bluetooth* hands-free kit. Especially lightweight and sleek, the Parrot MINIKIT *Slim* features all the advanced telephony functions: answer, hang up, dual calls, automatic phonebook synchronisation, training-free voice recognition, speech synthesis of the names in the phonebook, 1 000 contacts per phone, full duplex, Parrot NR3 noise reduction, echo cancellation... No more speakers - sound is reproduced via a vibrating panel on the top, connected to the audio circuit and delivering natural, highly open sound with crystal clarity. Its built-in battery provides over 10 hours' talk time and over 20 days' standby time. The Parrot MINIKIT *Slim* is 100% *Bluetooth* compatible and works with virtually all *Bluetooth* phones and devices.

Specifications

- A standalone, portable *Bluetooth* hands-free kit.
- Automatic synchronisation with the mobile's phonebook.
- Training-free multi-speaker voice recognition.
- Speech synthesis of the names in the phonebook (Text-To-Speech).
- Audio output: vibrating panel (NXT technology).
- Built-in multi-directional, high sensitivity microphone.
- DSP: full duplex conversations, Parrot NR3 noise reduction and echo cancellation.
- Battery life: over 10 hours' talk time and over 20 days' standby time.
- 100% *Bluetooth* enabled, compatible with virtually all *Bluetooth* phones on the market.



new



PARROT MINIKIT CHIC LIMITED EDITION



PARROT CK3000 EVOLUTION

The Parrot CK3000 EVOLUTION is an especially discreet *Bluetooth* hands-free kit. Its interface features a three-button keypad, which fixes to the dashboard. An adjustable external microphone captures your voice and transmits it to the caller. Conversations are reproduced in full duplex over the vehicle's speakers. Once connected to your *Bluetooth* phone, the Parrot CK3000 EVOLUTION replaces your mobile and delivers unrivalled sound quality.

Specifications

- Universal *Bluetooth* hands-free kit with a three-button interface.
- Built-in voice recognition for making calls: up to 150 names (max) per phone.
- Maximum audio quality: full duplex, noise reduction and echo cancellation.
- Uses the vehicle's speakers for your conversations.
- 100% *Bluetooth* enabled, compatible with virtually all *Bluetooth* phones on the market.



PARROT CK3100 LCD

The Parrot CK3100 LCD is an advanced *Bluetooth* hands-free kit featuring an LCD screen. The screen displays your phone's information and the user menus. The kit automatically synchronises its phonebook with the contacts on your mobile phone: therefore, you can access your phonebook at any time and view the contacts on the LCD screen. The built-in voice recognition, full-duplex conversations over the vehicle's speakers, and the noise reduction and echo cancellation features make this kit the ideal communication tool.

Specifications

- *Bluetooth* hands-free kit with an LCD screen and external microphone.
- Displays the mobile phone's information: phonebook, incoming calls, recent calls, missed calls, voice messages.
- Built-in voice recognition for making calls: up to 150 names (max) per phone.
- Optimal audio quality: full duplex, noise reduction and echo cancellation.
- Automatic phonebook synchronisation.
- Uses the vehicle's speakers for your conversations.
- 100% *Bluetooth* enabled, compatible with virtually all *Bluetooth* phones on the market.

installed hands-free kits



PARROT CK3200 LS-COLOR

The Parrot CK3200 LS-COLOR is the all-colour "big screen" *Bluetooth* hands-free kit. In addition to automatic phonebook synchronisation, voice recognition, ultra-effective noise reduction and advanced audio functions, this Parrot kit displays your callers' photos (if available in the phonebook) during calls. You can customise your kit by choosing and sending wallpaper from a mobile phone and also select your favourite ringtone.

Specifications

- *Bluetooth* hands-free kit with a TFT screen with 160x128 pixels and 262 144 colours.
- Displays your callers' photos during calls.
- Displays the mobile phone's information: phonebook, incoming calls, recent calls, missed calls, voice messages.
- Built-in voice recognition for making calls: up to 150 names (max) per phone.
- Advanced noise reduction with a double microphone, full duplex and echo cancellation.
- Automatic phonebook synchronisation.
- Uses the vehicle's speakers for your conversations.
- 100% *Bluetooth* enabled, compatible with virtually all *Bluetooth* phones on the market.

installed hands-free music kits



PARROT RK8200

The Parrot RK8200 is a combination FM/AM RDS car stereo, a digital multi music player and a high-performance *Bluetooth* hands-free kit. It provides *Bluetooth* stereo, iPod/iPhone and USB flash drive connectivity in its internal compartment behind the removable front panel. It also accepts SD and SD HC cards and can store over 300 MP3 tracks in its internal memory. The Parrot RK8200 also boasts advanced telephony functions: automatic phonebook synchronisation, voice recognition, speech synthesis of the contacts, double microphone with dynamic choice of the best microphone... music and calls are streamed over the vehicle's speakers.

Specifications

- FM/AM RDS tuner + digital music player + built-in *Bluetooth* hands-free kit.
- *Bluetooth* stereo (A2DP) compatible and connectivity for iPod/iPhone, USB flash drive, SD card, line-in socket...
- 4x45W amplified hi-fi output with an equaliser and 'Virtual Super Bass'.
- Double microphone, automatic speaker detection, advanced noise reduction, echo cancellation.
- Voice menus, voice recognition and speech synthesis of the names in the phonebook.
- Large 2.4" TFT screen with 262 144 colours, displaying the playlist, menus and settings.
- Compartment for phones and digital music media behind the removable front panel.
- 100% *Bluetooth* enabled, compatible with virtually all *Bluetooth* phones on the market.

PARROT MKi System

The Parrot MKi system is a set of *Bluetooth* hands-free and music kits which are compatible in every car. Once paired with your *Bluetooth* mobile phone, the MKi enables you to establish in a few seconds any phone conversations in your vehicle without needing to handle the phone. And the Parrot Bluebox relays your conversations over the vehicle's speakers for absolute comfort.

Thanks to the dedicated music cable provided, the MKi kits play your music tracks from your iPod/iPhone, MP3 USB players, *Bluetooth* Stereo (A2DP) devices, and any other analogue audio player.

Once the automatic phonebook synchronization is completed, you access all your contacts through the built-in user-independent voice recognition or via the voice synthesis (Text To Speech) that speaks the names in the phonebook.

MKi also has a combination of an external double microphone and a third generation of Digital Signal Processing (DSP-3). This results in an unrivalled audio quality, irrespective of the surrounding noise.

The remote control allows you to access all the functions of the MKi. Positioned on the dashboard or mounted on the steering-wheel, you always keep your eyes on the road with a discreet and integrated hands-free solution.



PARROT MKi9000

Specifications

- *Bluetooth* v2.0 +EDR hands-free kit with a six-button RF remote control.
- Music cable for iPod, iPhone, USB MP3 players, *Bluetooth* Stereo (A2DP) and Line-in.
- Automatic phonebook synchronization.
- Number of contacts: 8,000 maximum with up to 5 paired phones.
- Built-in user-independent (training-free) voice recognition.
- Voice synthesis of the names in the phonebook.
- External double microphone, adjustable orientation.
- DSP-3: Parrot noise reduction type 2, full duplex and echo cancellation.
- Software update via USB connector.
- 100% *Bluetooth* enabled, compatible with virtually all *Bluetooth* phones on the market.

new



PARROT MKi9100

Specifications

- *Bluetooth* v2.0 +EDR hands-free kit with a six-button RF remote control.
- High definition OLED screen 128 x 32 pixels.
- Displays caller ID, phonebook, short playlist, phone information, settings...
- Music cable for iPod, iPhone, USB MP3 players, *Bluetooth* Stereo (A2DP) and Line-in.
- Automatic phonebook synchronization.
- Number of contacts: 8,000 maximum with up to 5 paired phones.
- Built-in user-independent (training-free) voice recognition.
- Voice synthesis of the names in the phonebook.
- External double microphone, adjustable orientation.
- DSP-3: Parrot noise reduction type 2, full duplex and echo cancellation.
- Software update via USB connector.
- 100% *Bluetooth* enabled, compatible with virtually all *Bluetooth* phones on the market.

new



PARROT MKi9200

Specifications

- *Bluetooth* v2.0 + EDR hands-free kit with a six-button RF remote control.
- High definition detachable TFT 2.4" colour screen.
- Displays caller ID, picture ID*, phonebook, full playlist, album covers, phone information, settings...
- Music cable for iPod, iPhone, USB MP3 players, *Bluetooth* Stereo (A2DP) and Line-in.
- SD Card reader built-in the screen, SD and SD/HC compatible.
- Automatic phonebook synchronization
- Number of contacts: 8,000 maximum with up to 5 paired phones.
- Built-in user-independent (training-free) voice recognition.
- Voice synthesis of the names in the phonebook.
- External double microphone, adjustable orientation.
- DSP-3: Parrot noise reduction type 2, full duplex and echo cancellation.
- Software update via USB connector.
- 100% *Bluetooth* enabled, compatible with virtually all *Bluetooth* phones on the market.

PARROT SK4000



The Parrot SK4000 is a *Bluetooth* hands-free kit for motorcycles and scooter riders. For the first time, it features a wireless remote control which goes on the left side of the handlebar and controls all the functions of the kit. Once paired, the Parrot SK4000 connects to your *Bluetooth* phone and automatically synchronizes its phonebook. Use the multi-user voice recognition (speaker independent) or the Text-To-Speech capability which speaks the names in the phonebook. The Parrot SK4000 also features a RDS FM Tuner, a *Bluetooth* Stereo (A2DP) service and a line-in socket for listening any type of music at any time.

Specifications

- *Bluetooth* hands-free kit for motorcycles and scooters.
- RF wireless remote control on handle-bar grip
- Built-in FM RDS radio.
- Multi user voice recognition (speaker independent user independent voice dialling).
- Voice synthesis of the names in the phonebook (Text To Speech).
- Automatic phone book synchronization.
- Plays music tracks streamed from any *Bluetooth* Stereo (A2DP) music compatible source.
- Line-in input for analogue music source.
- Advanced noise reduction for motorcycles and scooters.
- Music and user settings via voice menus.
- 100% *Bluetooth* enabled, compatible with virtually all *Bluetooth* phones on the market.

Parrot is the world's #1 manufacturer of *Bluetooth* car kits

In addition to being a world-leading innovator in *Bluetooth* products for car, home and office, Parrot supplies OEM manufacturers around the globe with chipsets for wireless products. Parrot engineers develop application-specific signal processing software, and work with chipmakers to create the most advanced and reliable platforms for the wireless consumer products of today and tomorrow.

Bluetooth hands-free kits: make and take calls, listen to your music without touching your mobile phone.

What is *Bluetooth*?

Bluetooth is a wireless technology which uses the 2.4GHz waveband. It enables electronic devices to communicate with each other, as if they were connected with an invisible wire. It allows real-time communications, audio and data communications.

What is a *Bluetooth* profile?

A *Bluetooth* profile is a built-in piece of software which enables *Bluetooth* devices to communicate with other *Bluetooth* devices for certain applications: phone conversation, send and receive images, stream audio files...The set of embedded profiles for a device define all the possible applications.

Music via *Bluetooth*

Parrot *Bluetooth* hands-free car kits with streaming audio let you play your digital music through the car stereo. For calls, the music mutes automatically and the caller's voice comes through the stereo. Music kits require *Bluetooth* Stereo (A2DP) enabled cell phones or A2DP digital music players, or use of a *Bluetooth* A2DP adapter.

Comfort

With the hands-free kits, there is no more awkward holding of the phone between your head and shoulder while driving. Once the Parrot car kit is installed in your car, it automatically mutes the car stereo during conversation. Drive, talk and relax, keep your hands on the wheel, eyes on the road and enjoy the conversation!

Convenience

Parrot kits are easy to use: you pair it first with your *Bluetooth* phone, and then connection is automatic each time you turn on your Parrot kit. On most cell phones, the phonebook synchronization and update is automatic.

Control

With parrot kits, you make and take calls without touching your phone; no more dialling while driving or looking for a ringing phone.

		PORTABLE & PLUG N'PLAY			INSTALLED HANDS-FREE CAR KITS HANDS-FREE			INSTALLED HANDS-FREE CAR KITS				HANDS-FREE AND MUSIC		SCOOTER & MOTORBIKE HANDS-FREE KIT	
PRODUCT FEATURES		PARROT PMK5800	PARROT MINIKIT	PARROT MINIKIT <i>SLIM & CHIC</i>	PARROT CK3000 EVOLUTION	PARROT CK3100 LCD	PARROT CK3200 LS-COLOR	PARROT MKi9000	PARROT MKi9100	PARROT MKi9200	PARROT RK8200			PARROT SK4000	
GENERAL FEATURES	FULL DUPLEX	●	●	●	●	●	●	●	●	●	●			●	
	ECHO CANCELLATION	●	●	●	●	●	●	●	●	●	●			NA	
	NOISE REDUCTION	●	●	●	●	●	●	●	●	●	●			●	
	TYPE OF NOISE REDUCTION (NR)	Parrot ANR**	Parrot NR	Parrot NR3	Parrot NR	Parrot NR	Parrot NR	Parrot NR3	Parrot NR3	Parrot NR3	Parrot NR3	Parrot DCBM***			Parrot ANR**
	MICROPHONE	1 built-in	1 built-in	1 built-in	1 external	1 external	1 external	Double external	Double external	Double external	Double external	Double built-in or external			1 external
	VOICE & SOUND OUTPUT	Car stereo	2W speaker	Vibrating panel # 2W	Car stereo	Car stereo	Car stereo	Car stereo	Car stereo	Car stereo	Car stereo	Car stereo			Integrated headphones
	AUTOMATIC RADIO & MUSIC MUTE	●	NA	NA	●	●	●	●	●	●	●	●			●
	MAXIMUM NUMBER OF PAIRED DEVICES	10*	5	5	3	5	5	5	5	5	5	10			10
	UNIVERSAL PHONE COMPATIBILITY	●	●	●	●	●	●	●	●	●	●	●			●
	UPGRADEABLE SOFTWARE	<i>Via Bluetooth</i>	<i>Via Bluetooth</i>	Via USB	●****	<i>Via Bluetooth</i>	<i>Via Bluetooth</i>	Via USB	Via USB	Via USB	Via USB	<i>Via Bluetooth</i>			<i>Via Bluetooth</i>
CALLING AND PHONE FEATURES	SCREEN (DISPLAY) TYPE	Monochrome	No screen	No screen	No screen	Monochrome	Colour TFT	No screen	OLED	Colour TFT	Colour TFT			No screen	
	AUTOMATIC PHONEBOOK SYNCHRONIZATION (CELL. TO KIT)	NA	●	●	NA	●	●	●	●	●	●			●	
	USER-INDEPENDENT VOICE DIALING (FREE-TRAINING VOICE RECOGNITION)	NA	●	●	NA	NA	NA	●	●	●	NA			●	
	VOICE TAG CAPACITY	Up to 150 per phone	Up to 150 per phone	NA	Up to 150 per phone	Up to 150 per phone	Up to 150 per phone	Up to 150 per phone	Up to 150 per phone	Up to 150 per phone	Up to 150 per phone	Up to 150 per phone			Up to 150 per phone
	PHONEBOOK CAPACITY PER PAIRED PHONE	Up to 150 per phone	Up to 1000	Up to 1000	Up to 150	Up to 1000	Up to 1000	Dynamic memory allocation	Dynamic memory allocation	Dynamic memory allocation	Dynamic memory allocation			Dynamic memory allocation	
	TOTAL KIT PHONEBOOK CAPACITY	300	2500	2500	450	5000	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	NA	●	●			NA	
	VOICE SYNTHESIS TEXT-TO-SPEECH (TTS) SPEAKS PHONEBOOK NAMES	NA	●	●	NA	NA	NA	●	●	●	●			●	
	EASY-SWITCH TO CELL PHONE FOR PRIVACY	●	●	●	●	●	●	●	●	●	●	●			●
EASY-SWITCH TO HEADSET FOR PRIVACY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	●			NA	
MUSIC STREAMING FEATURES	AUDIO STREAMING CAPABILITY (<i>BLUETOOTH STEREO - A2DP</i>)	●	NA	NA	NA	NA	NA	●	●	●	●			●	
	VOLUME & MUSIC CONTROL (<i>BLUETOOTH AVRCP</i>)	From device	NA	NA	NA	NA	NA	From remote	From remote	From remote	From device			From remote	
MUSIC & SOUND INPUTS/OUTPUTS	EXTERNAL AUDIO INPUTS	Mini-USB	NA	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, 3.5mm, jack line-in, <i>Bluetooth</i> stereo audio streaming			MiniUSB line-in, <i>Bluetooth</i> Stereo audio streaming	
	EXTERNAL AUDIO OUTPUTS	NA	NA	NA	Stereo output	Stereo output	Stereo output	Stereo output	Stereo output	Stereo output	Stereo output	Cinch line-out			NA

*Up to 10 **Advanced Noise Reduction ***Dynamic Choice of Best Microphone®****With master blue box



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