

F I A T P A N D A



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T E C H N O L O G I E B l u e t o o t h®

HANDS-FREE KIT WITH VOICE RECOGNITION AND Bluetooth® WIRELESS TECHNOLOGY

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OVERVIEW

Bluetooth® wireless technology enables wireless connection between your mobile phone and the hands-free kit installed on your car.

Communication is based on the transmission of radio shortwaves, that exchanges data and voice at a speed of approx. 1 Mb/sec. within a range of about 10 metres.

The radio frequency used by **Bluetooth®** wireless technology is not subject to restrictions or limitations and is free of charge.

The hands-free kit with voice recognition enables to make and receive calls safely and securely under whatever driving condition without removing your hands from the steering wheel as required by current regulation.

The system installed on your car offers you the following functions:

- automatic mute of the car radio during calls;
- hands-free conversation;
- conversation diffusion through car speakers;
- pairing of up to three mobile phones with activation of one mobile phone at a time (for connection priority see next pages);
- voice recognition (according to mobile phone type);
- automatic storage of your telephone directory (only available with Ericsson/SonyEricsson phones);
- use of different telephone numbers for each contact (e.g. home, work, cellular according to mobile phone type);
- starting/answering/refusing calls with voice command (according to mobile phone type);
- volume adjustment through phone menu and through sound system volume controls (see Sound System chapter);
- “confidential” conversation mode, to switch from hands-free mode to phone mode (according to mobile phone type);
- echo and background noise reduction.



SYSTEM COMPONENTS

The hands-free kit consists of the following main components:

- ❑ electronic control box
- ❑ microphone
- ❑ steering wheel controls

The electronic control box, located in the dashboard, houses the **Bluetooth**® wireless technology radio transmitter, the signal processing microprocessor and the operating software.

The high-grade microphone housed aside the front roof lamp has been designed to guarantee optimum communication under whatever condition.



Steering wheel controls feature two keys,  and  (see figure on next page), enabling to activate all system functions.

Press button :

- ❑ to activate voice recognition;
- ❑ to answer a call or dual call;
- ❑ to redial the last number called;
- ❑ to activate the “confidential” mode.

Press button :

- ❑ to end the communication;
- ❑ to refuse a call.

Press buttons  and  simultaneously for at least 2 seconds for clearing the system memory.

IMPORTANT Clearing the memory will disconnect all stored phones, will clear any phone number stored in the system memory and will require to repeat the pairing phase.

STEERING WHEEL CONTROLS

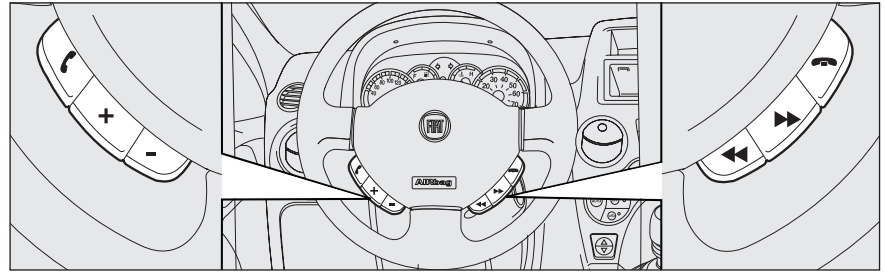


FIG0716m

Button	FUNCTION	Mode
	To activate voice recognition To answer a call or dual call	Press button
+	To adjust call volume To turn up the volume (Radio or CD)	Press button
-	To adjust call volume To turn down the volume (Radio or CD)	Press button
	To end the communication To refuse a call	Press button
	Radio: to recall preset stations (from 1 to 6) Tape player: to search next track (MSS function) CD player: to search next track CD Changer: to select next track	Press button
	Radio: to recall preset stations (from 6 to 1) Tape player: to search previous track (MSS function) CD player: to search previous track CD Changer: to select previous track	Press button

COMPATIBLE MOBILE PHONES

Compatible mobile phones are those tabulated below:

Make	Model	Make	Model
BlackBerry	7100 series	Panasonic	X700
	7290	Philips	Fisio 820
Ericsson	R520		Fisio 825
	T39m	Qtek	8020
	T68m		SGH-D500
	V500/V525/V600	Samsung	SGH-E730
Motorola	V3/V80/V501		SGH-E640
	V547/V555/V551/V635		GX15/GZ-100
	E398/E1000	Sharp	GX30/GX31/GX32
	E680/A780		TM200
	MPX 220		S55/S56
	270C/280i		S65/S66
	3650/3660	Siemens	SK65
	6310/6310i		SXI
	6600/6670		T68i
	6260/6650		P800/P900
6230/6230i	Sony Ericsson	P910i	
6810/6820		T606/.../T630	
6630/7280		V800	
Nokia	6680		Z600/Z608
	7600/7610		E200
	8800	SPV	C500
	8910/8910i		NeoFone
	9300	Telital	E200
	N-Gage/N-Gage QD	XDA2	XDA2/SPV M1000
	N90		

ACTIVATING THE HANDS-FREE KIT

After first pairing, just turn the ignition key to MAR to activate the system. To pair your phone and the hands-free kit after first pairing, get into the car with your phone on and the **Bluetooth**® function active.

PAIRING YOUR MOBILE PHONE AND THE HANDS-FREE KIT FOR THE FIRST TIME



To pair your mobile phone with your hands-free kit for the first time you shall activate the **Bluetooth**® function on your phone as described on your phone user's guide. The corresponding icon is displayed on your phone when the function is active.

When pairing for the first time, the message "Accoppiare l'apparecchio" (pair kit) will be heard (the message will always be in Italian since it is the default language). Phone/hands-free kit pairing procedure described in the phone manual shall therefore be carried out (follow the pairing instructions given on your phone user's guide).

IMPORTANT When the use of the hands-free kit with **Bluetooth®** wireless technology is not desired, message “Accoppiare l'apparecchio” (pair kit) can be prevented from being repeated by setting car radio channel PHONE minimum volume (see Sound System chapter). Turn the sound system on to hear message “Accoppiare l'apparecchio” (pair kit).

During the pairing procedure the message asking for the passcode will be displayed; enter “1234” as passcode and then confirm it.



Once this done, connection between your phone and your hands-free kit will take place automatically as soon as the two devices are less than a few meters apart. A “beep” will be heard, indicating that connection is established. Here follows an example of first pairing procedure for the most common mobile phones.

IMPORTANT The system operates only when the ignition key is turned to MAR. Pairing procedure shall be performed only the first time you pair your phone and your hands-free kit. Should instruction “Accoppiare l'apparecchio” (pair kit) not be heard at first pairing, reset the system by pressing simultaneously buttons  and  for 2 seconds at least.

PAIRING WITH OTHER ADDITIONAL PHONES

If you decide to pair another phone, you just have to follow the ordinary pairing procedure described in the previous paragraph, in this way you can connect up to 3 mobile phones. To pair other phones you shall reset the system (any phone number stored will be cleared).

CLEARING THE MEMORY

Press the green  and red  buttons simultaneously for at least 2 seconds for clearing the system memory.

IMPORTANT Clearing the memory will disconnect all stored phones, will clear any phone number stored in the system memory and will require to repeat the pairing phase.


PAIRING PRIORITY

If 2 mobile phones at least are paired, the first phone paired (in chronological order) will have highest priority. This means that when getting into the car with system active (key at MAR), this will be the first phone to be searched and, if present, to be connected. Should the priority phone not be found, the system will then search for the other phones.



COMMUNICATING

Find below a description of the main communication procedures valid for almost all mobile phones.

Making a call manually:

- dial the number on the mobile phone keypad;
- press directly the phone button to start the call;
- the call will be switched automatically to hands-free mode (on certain phone models, e.g. SIEMENS S55, button  must be pressed to shift the telephone call to hands-free mode).

Making a call using the voice recognition (after assigning a voice tag to a phonebook entry):

- press button ;
- wait for sound signal to be heard and/or “PHONE” writing to appear on sound system display;
- pronounce the name of the person you wish to call;
- the system will repeat the name for confirmation and then will start the call;
- if the name pronounced by the system is not the required one, press button  and repeat the procedure.

Call through voice recognition is possible only if voice tags have been assigned to phonebook entries.

The hands-free kit recognises all voice tags recorded on the phone thus enabling to call with voice recognition any voice tagged number.

It is however possible to store (according to mobile phone type) voice tags directly in the hands-free kit memory but, in this case, the hands-free kit will recognise just those voice tags.


IMPORTANT Voice prompts are recognised by the system only if properly recorded, for this reason you have to speak out naturally and clearly.

To obtain optimum operation, please, comply with these recommendations:


- close the doors and windows;
- turn off your engine and ventilation (key at MAR);
- make the recording from the driver’s seat;
- if using long names (e.g.: “John Brown” instead of “John”) notice that the system will record a voice tag for max. 2 seconds.

IMPORTANT Before using voice prompts check that **Bluetooth**[®] wireless technology, “Voice recognition” and “Wordspotting” functions on your phone are active (according to mobile phone type). Voice recognition performances are available and depending on mobile phone model used.


Answering a call:

press button .


Refusing a call:

press button .





Ending a call:

press button .

To redial last number called:

press button  and keep it pressed up to redialling of the number.

Dual call (according to mobile phone type):

- press keypad button  to refuse the new call;
- press keypad button  once to pick up the new call;
- press button  once again to return to the first call;
- to end the call, press button  once.

IMPORTANT The second call can be accepted or refused only if the “Avviso di chiamata” (“Call waiting”) function on your phone is active.

ERICSSON/SONY ERICSSON PHONES

Assigning a voice tag to a name



- From the “Connectivity” menu, select “Accessories”;
- select the system menu;
- select “Phone book”;
- select “List” (the list of your phone book entries will be displayed);
- choose a name and select it;
- you will hear the system prompt, then you have to pronounce clearly the name displayed towards the microphone located in the front roof lamp;
- the system will repeat the name and ask you to repeat it for confirmation.

Repeat the procedure for each name to be voice tagged.

For proper recording of voice tags comply with these recommendations:

- make recording in quite place;
- close the doors and windows;
- turn off your engine, radio and ventilation;
- speak out clearly and naturally towards the microphone.


Keywords

The hands-free kit has two preset voice prompts (“Telephone” and “Hang up”). “Telephone” is used to call or answer a call (function of button , whereas “Hang up” is used to refuse or end a call (function of button ).



You need to record keywords for use with “Wordspotting” option, proceed as follows:

- from the “Connectivity” menu, select “Accessories”;
- select the system menu;
- select “Voice recognition”;
- select “Keywords”;
- select the word to be recorded (“Telephone” or “Hang up”);
- you will hear the system prompt, then you have to pronounce clearly the name displayed towards the microphone located in the front roof lamp;
- the system will repeat the name and ask you to repeat it for confirmation.

Making a call using the “Wordspotting” option:

- pronounce the keyword “Telephone”;
- wait for the beep;
- pronounce the name you wish to call;
- the system will repeat it for confirmation and then will start the call;
- if the name pronounced by the system is not the one you desire, say “Hang up” or press button  and repeat the procedure.

Answering/refusing/ ending a call using the “Wordspotting” option:

IMPORTANT The “Wordspotting” option (for answering, refusing or ending a call through voice prompts) is variable and it depends on the type of cellular phone being used. For certain models it may therefore be necessary to press first buttons  and  and then pronounce the “Wordspotting” required to answer, to refuse or to end a call.

- to answer a call say “Telephone”;
- to hang up say “Hang up”;
- to refuse a call say “Hang up”.

Copying the phone book to hands-free kit system memory



Bluetooth® wireless technology enables to copy the cellular phone book to the hands-free kit system memory.

IMPORTANT You can only copy the entries stored in phone memory, therefore before copying your phone book to the system memory, you are recommended to transfer all entries from the SIM card to the phone memory.

Copying the phone book:

- from the “Connectivity” menu, select “Accessories”;
- select the system menu;
- the system will start data transfer and display a message on the phone;
- at the end of operation another message will be displayed.

Clearing the system memory

- Press and hold simultaneously both buttons  and ;
- reset will be announced by the system.

IMPORTANT Clearing the memory will disconnect all stored phones, will clear any phone number stored in the system memory and will require to repeat the pairing phase.

Adjusting the volume

Use the keys of the handset to adjust the volume of the conversation.

NOKIA 6310, 6310i, 6650, 7600, 8910 PHONES

IMPORTANT After getting into the car and turning the ignition key to MAR, your phone should ask you whether to establish the connection. If you want to, you can disable this function. To do that, go into the phone menu and select the **Bluetooth®** wireless technology option and then “View paired devices”; when the system name is displayed select “Options” and then “Request conn. Authorisation”.

Storing names

To assign a voice tag to a name, access your phone book, find the desired name and click in sequence on “Details”, “Options” and “Add voice tag”. The following message is displayed “Press Start then speak after the tone”. Then press “Start” and say the name.



To remove the voice tag for any name, access your phone book and click in sequence on “Details”, “Options” and “Voice tag”.

By clicking “Change” you can re-record over the voice tag.


By clicking “Erase” you will delete the voice tag recording.

Communicating


Making a call manually

Use the phone keypad to dial the number. Your call will be connected automatically in hands-free mode. Buttons  and  are the tools for making and receiving calls.


Making a call using the voice recognition

Press button  and wait for the tone. Then say the name of the person you want to call.

To redial last number called

Press button  and keep it pressed up to redialling of the number.





Answering a call

Press button .

Refusing a call

Press button .


Dual call

- Press button  to refuse the new call.
- Press button  once to communicate with new caller.
- Press button  once again to return to your first caller.
- Press button  once to end the communication.

Adjusting the volume


Use the keys of the handset to adjust the volume of the conversation.

Conversation in “confidential” mode

Press button  briefly to switch the conversation to hands-free or handset mode.

It is also possible to activate the “confidential” mode directly from the telephone set: see telephone set manual.

Clearing the memory

Press and hold pressed simultaneously both buttons  and .

IMPORTANT Clearing the memory will disconnect all stored phones, will clear any phone number stored in the system memory and will require to repeat the pairing phase.


NOKIA 3650, 3660, N-GAGE, 6600 and SIEMENS SXI PHONES

IMPORTANT After getting into the car and turning the ignition key to MAR, your phone should ask you whether to establish the connection. If you want to, you can disable this function. To do that, go into the phone menu and select the **Bluetooth®** option and then “Linked equipment”; select the system name, “Options” and then “Def. as authorised”.


IMPORTANT You can select the required hands-free kit system settings from the accessories menu.

Communicating


Answering a call:

- press button  .





Refusing a call:

- press button  .


To redial last number called:

- press button  and keep it pressed up to redialling of the number.

Dual call:

- press button  to refuse the new call;
- press button  once to communicate with new caller;
- press  once again to return to your first caller;
- press button  once to end the communication.

Conversation in “confidential” mode

Press button  briefly to switch the conversation to hands-free or handset mode.

It is also possible to activate the “confidential” mode directly from the telephone set: see telephone set manual.

Auto answer

From your phone, display the “Main menu” and select “Tools”.

Then select:

- “Settings” for Nokia 3650, 6600 and Siemens SXI telephones;
- “Tools” for Nokia N-GAGE telephones.

Select in sequence “Settings”, “Accessories” and “Handsfree”.

Select in sequence “Automatic answer”, “Options”, “Change”, “On” and confirm with “OK”.

Adjusting the volume

Use the keys of the handset to adjust the volume of the conversation.

Clearing the memory

Press and hold pressed simultaneously both buttons  and .

IMPORTANT Clearing the memory will disconnect all stored phones, will clear any phone number stored in the system memory and will require to repeat the pairing phase.

TROUBLESHOOTING PROBLEM

PROBLEM	SOLUTION
The system is not working	Check that the ignition key is turned to MAR
The system says that the Bluetooth ® wireless technology is not detected	Switch off your telephone and then switch it back on again (if the hands-free kit is not operating)
Your telephone does not detect the hands-free kit	Switch off your telephone and then switch it back on again Check that the connection of the Bluetooth ® wireless technology of your telephone is enabled (refer to the manual of your phone, if necessary)
Your telephone is not detected	Repeat the connection phase
The person you are calling complains of the bad sound quality during communication	Make sure that you are speaking clearly and according to microphone direction
The person you are calling complains of an echo during communication	Lower the volume on the mobile phone. Also lower the volume of car radio channel PHONE, if necessary (see Sound System Supplement)
You cannot hear the voice of the person you are calling	Adjust the volume on the mobile phone. Also check the volume of car radio channel PHONE, if necessary (see Sound System Supplement)
No connection after entering the passcode "1234"	Go back to the main menu and repeat the pairing procedure
Your telephone is detected too slowly when switched on	Set user priority (refer to paragraph "Pairing priority")
When making a call with voice recognition the system says that the name you desire is not voice tagged	Check that the required name is voice tagged Repeat the name clearly towards the microphone
Dual call failing	Check that the "Avviso di chiamata" (Call waiting) option on your phone is enabled
Certain phone book entries are not copied in the system memory	Check that these entries are present in the phone book and not only in the SIM card memory
The system does not recognise voice prompts	Check that Bluetooth ® wireless technology, "Voice recognition" and "Wordspotting" options on your phone are enabled

IMPORTANT System checks and repairs, if required, shall only be performed by Fiat Dealership.

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