**BMW Group** December • 2009 1/9

### Product information Bluetooth<sup>®</sup> (I) Tested mobile phones.

New vehicles.





### **Overview**

With the Preparation for mobile phone with Bluetooth interface\* (option code 644) and the Preparation for mobile phone Business with Bluetooth interface\* (option code 633), wireless connections can be established between Bluetooth-compatible mobile phones and the vehicle and operated via the vehicle's control elements.



To allow the use of the audio player function of a mobile phone inside the vehicle via the USB interface, the BMW Group offers the USB audio interface (option code 6FL) for current BMW new vehicles (excluding X3). For detailed

information about option code 6FL, go to http://www.bmw.com/usb.

In addition to existing telephony equipment (option code 633 or option code 644) in the vehicle and the USB audio interface (option code 6FL), the extended connectivity of the music player in the mobile phone\* (option code 6NF) can also be used in almost all models for select mobile phones using a suitable USB Snap-in Adapter to access the music data stored on such device.

For series 7 vehicles with existing telephony equipment (option code 633 or option code 644), the BMW Group offers the Rear-seat telephone unit with cordless handset\* (option code 6NB). The option code 6NB can optionally be operated via the SIM card of a GSM carrier or mobile phone that supports the SAP (SIM Access Profile) Bluetooth profile. The product information for option code 6NB with the SAP mobile phones tested by the BMW Group can be found at

http://www.bmw.com/Fond-Telefonie.

Alternatively, this solution (in combination with option code 609 and option code 633 or 644) is also offered without a cordless handset as a Snap-In Adapter SAP\* for most BMW models.

The table below provides a guick overview of mobile phones that are compatible with option code 6NB or the Snap-In Adapter SAP in the column "Snap-In Adapter SAP".

The services of BMW TeleServices (option code 6AA) can also be used in all BMW models (with the exception of X3) with a mobile phone that has been approved and enabled for BMW TeleServices. Before BMW TeleServices can be used, the mobile phone must be configured for the GSM mode.

The following table lists selected mobile phones tested by the BMW Group and the evaluation of their interoperability with the BMW preparations for mobile phones with Bluetooth interface.

#### The information on compatibility in this table refers exclusively to current new vehicles (vehicles with production date September 2009+).

See the Bluetooth Product Information (II) for details of compatibility for the 3-Series Convertible/3-Series Coupé (with navigation system Business (option code 606) or navigation system Professional (option code 609)) and 7-Series, production date 03/2010 onward for the European market.◆

Please bear in mind that some mobile phones cannot be used in the X3 (see footnotes). Contact your BMW Service Partner or the BMW hotline for detailed information on compatibility for vehicles with an earlier production date.

For a better overview, the functions supported by a mobile phone in combination with the BMW mobile phone preparations with Bluetooth interface are assigned to a function group and evaluated with regard to support and reliability. The function groups are explained below.



For fault-free operation of the mobile phone inside the vehicle, the BMW Group recommends the use of a snap-in adapter to ensure that

the mobile phone is secured safely, that it is charged and connected with the external aerial.

However, the electromagnetic field intensity inside the vehicle can only be minimised for mobile phones with a connector for an external aerial.

For selected mobile phones, the BMW Group also offers snap-in adapters (USB snap-in adapters) with the expanded USB function in combination with the option code 6NF. The table below shows the mobile phones for which a USB snap-in adapter is available.

This information is updated regularly to cover new Bluetooth mobile phones.

 <sup>\*</sup> not available in all markets
 \* Function only available in combination with Navigation Professional (option code 609), except X3, X5, X6.
 • Changes compared to the last version dated September 2009



New vehicles.

### **Premises**

As the application of the Bluetooth standard differs considerably from one mobile phone model to another and can also vary over the course of the product lifecycle of a mobile phone model, functions may be impaired inside the vehicle, and the BMW Group cannot accept responsibility for this.

#### Please note that the information on compatibility always refers to a specific software status for a mobile phone.

In addition to the mobile phone software status, compatibility may also be influenced by the following factors:

- Hardware version of the mobile phone
- · Mobile phone configuration (e.g. size of contacts database, energy-saving mode, ...)
- Operating status of the mobile phone (e.g. battery charge, length of operation, degree of usage, ...)
- Network and SIM card

For this reason, sporadic impairment of functions cannot be ruled out, even in the case of mobile phones which otherwise function reliably.

Where the software status of a mobile phone model was known to be incompatible at the time of creation of this document, this is indicated in the column "Mobile phone model" with this symbol  $\Delta$ .

Please observe the notes on the following pages.

# Support

If your mobile phone does not work properly with the BMW preparation for mobile phone with Bluetooth interface, it could be because the software status of your mobile phone is incompatible.

You can find out the software version for your mobile phone by pressing the following key combinations on your mobile phone:

Apple:	[Settings][General][About] [Version]
HTC:	[Start][Settings][System] [Device Information][ROM version]
Motorola:	[Menu] [Settings] [Phone Status] [Other Info] [S/W Version]
Nokia:	*#0000#
RIM:	[Applications][Options][About]

Sony Ericsson<sup>1</sup>: [Menu][Settings][Update Service]

[Software Version]

or: >\*<<\*<\* [Service Info] [SW-Info] <sup>1</sup> ">", "<", "<<": Number and direction of joystick entries

New software for your mobile phone can be obtained from the manufacturer or your service provider. In the case of some models, you can update the software yourself via the Internet.

Apple:	http://www.apple.com/iphone
HTC:	http://www.htc.com
Motorola:	http://www.motorola.com
Nokia:	http://www.nokia.com
RIM:	http://www.rim.com/
Samsung:	http://www.samsung.com
Sony Ericsson:	http://www.sonvericsson.com/support

#### If you have any gueries, please contact your BMW Service Partner or customer support.

Please guote the VIN of your vehicle when making your inquiry, and if possible, also the phone configuration ID.

For vehicles with production date 09/2007 and later (excluding X3, 7 Series (E65/66)), you will find both IDs in the menu "Bluetooth", submenu "Help" (VIN / Phone configuration ID).

BMW vehicles from production date 09/2008 (except X3, X5, X6 and 5 / 6 series until November 2008), that are equipped with Navigation Professional (option code 609), you can look up the phone equipment ID as follows: Press the "Tel" button on the iDrive controller, then "Options" and subsequently select the "Bluetooth Info" submenu.

This document applies to all countries except the USA, Canada, PR China+, Japan and Korea. For product information about tested mobile phones in the markets USA, Canada and PR China+ use the following links to the internet:

USA:	http://www.bmwusa.com/bluetooth
Canada:	http://www.bmw.ca/bluetooth
PR China:	http://www.bmw.cn/bluetooth

You can obtain product information about tested mobile phones in the markets Japan and Korea from your BMW dealer.

 <sup>\*</sup> not available in all markets
 \* Function only available in combination with Navigation Professional (option code 609), except X3, X5, X6.
 • Changes compared to the last version dated September 2009



Mobile phone	Mobile phone model	SIA				Function	grou	p						Tested mobile
manufac- turer / brand		Snap-In Adapter / USB snap-in adapter (only in comb. with op- tion code 6NF)	Hands-free pho- ning	<b>Contacts</b> , mobile phone	<b>Contacts</b> , SIM card	<b>USB audio player</b> (only in comb. with op- tion code 6FL)	Call Waiting	BMW TeleServices	Privacy mode	Call holding / Confe- rence <sup>x</sup>	SMS <sup>x</sup>	Address import <sup>x</sup>	Snap-In Adapter SAP	phone software version
Apple	iPhone 🛆		0	•	_	•	0	_	•	•	Ι	Ι	-	3.1.2♦
	iPhone 3G <sup>1</sup> 🛆		0	•	_	•	0	_	•	•	-	I	_	3.1.2♦
нтс	Touch	_	0	•	•	_	_	_	٠	—	Ι	I	-	1.11.405.1B _WWE
	TyTN II	_	0	•	•	_	_	_	•	—	-	Ι	_	1.56.405.5
	Touch Pro	-	•	•	•	0	-	—	٠	0	-	٠	-	1.90.407.4
	Touch Pro 2	_	•	•	•	0	0	I	•	0	-	•	-	1.86.401.0
Motorola	RAZR 2 V8	□/_	•	0	0	-	0	—	•	٠	-	Ι	—	80.44.2BR
	RAZR 2 V9	□/_	•	0	0	•	0	—	•	•	0♦	Ι	—	A0.02.03R3
	ROKR Z6	□/_	0	0	0	-+	0	•	•	•	Ι	Ι	-	R60G_80.33. 05R
Nokia	E52♦	Ι	0	0	_	0	•	I	•	•	0	•	•	V021.013
	E63	-	0	0	•	0	•	•	٠	•	Ι	-	-	100.21.110
	E66	□/_	•	0	0	0	•	•	0	•	-	-	0	210.21.007
	E71	□/_	0♦	0	•	0	•	•	0	•	-	Ι	0	V200.21.118
	N78 <sup>2</sup>	_	0	0	_	0	•	•	0	•	_	•	•	V12.046
	N85 <sup>2</sup>	_	0	0	_	0	•	•	٠	•	Ι	•	•	V10.045
	N96 <sup>2</sup>	_	0	0	_	0	•	•	•	•	-	•	•	V10.065
	N97 <sup>2</sup>	_	0	0	_	0	•	•	•	•	-	•	_	11.0.021
	3109c/3110c	∎/_	0	0	•	•	0	•	-	•	Ι	I	0	V5.5
	5800 XM <sup>2</sup>	□/_	0	0	_	0	•	•	٠	•	-	٠	—	21.0.025
	6151	∎/_	0	0	•	•	0	•	-	0	-		0	V4.10
	6230i 🛆	∎/_	0	0	•	_	0	•	-	0	0♦	-	0	V3.88
	6233 🛆	∎/_	0	0	•	0	0	•	-	0	-	—	0	V5.60

Available

□ Available with restrictions (not available for all series/markets)

- Not available/supported

• Function is supported with a high degree of reliability

 $\,\circ\,\,$  Limitation of functions/observe notes on the following pages of this document

 $igt \Delta$  Limitation of functions observed with mobile phone software statuses other than that listed

Deviations of functions depending on vehicle equipment are available.

For more information, refer to the operating instructions for your vehicle and the table below in the "General product notes" column. 1) X3 in combination with option code 633: restricted voice quality for 1st call after the Bluetooth connection has been set up

2)With X3, no telephone book and sporadic breaks in the Bluetooth connection are possible.

\* not available in all markets
 \* Function only available in combination with Navigation Professional (option code 609), except X3, X5, X6.
 • Changes compared to the last version dated September 2009



Mobile phone	Mobile phone model	SIA				Function	grou	р			•		1	Tested mobile
manufac- turer / brand		Snap-In Adapter / USB snap-in adapter (only in comb. with op- tion code 6NF)	Hands-free pho- ning	<b>Contacts</b> , mobile phone	Contacts , SIM card	<b>USB audio player</b> (only in comb. with op- tion code 6FL)	Call Waiting	BMW TeleServices	Privacy mode	Call holding / Confe- rence <sup>X</sup>	SMS <sup>x</sup>	Address import <sup>x</sup>	Snap-In Adapter SAP	phone software version
Nokia	6300	∎/_	●	0	•	•	0	٠	-	٠	-	-	0	V5.0
	6303c <sup>3</sup> ♦	<b>_</b> /	0	0	•	0	•	I	0	•	-	•	•	v10.10
	6300i 🛆	<b>_</b> /	0	0	0	•	0	•	I	٠	-	٠	•	V5.20
	6500c 🛆		•	0	•	•	•	•	-	٠	-	•	•	V9.45
	6500s	_	•	0	•	•	٠	•	I	٠	-	٠	•	V9.60
	6700c <sup>3</sup> ♦		0	0	•	•	•	I	I	•	-	•	0	V10.40
Palm	Pre∳ <sup>2</sup>	_	0	0	0	_	0	I	•	0	-	-	—	1.1.2
Sony	C702	□/_	0	0	_	•	0	٠	٠	0	0	٠	-	R3EA031
Ericsson	C902		0	0	_	•	0	•	•	0	0	٠	-	R3EA031
	C903	_	•	0	_	•	-	٠	٠	-	0	٠	-	R1EA032
	C905	—	•	0	_	•	-	٠	•	•	0	•	Ι	R1DA034
	K550i	—	•	•	—	_	•	٠	٠	•	٠	•	Ι	R8BA024
	K610i / K618i	∎/_	•		_	_	•	٠	٠	•	•	•	-	R1KG001
	K770i	□/_	•		—	—	•	٠	٠	•	٠	•	-	R8BA024
	K800i 🛆	∎/_	•	•	_	_	•	٠	•	•	•	•	Ι	R1KG001
	K810i	∎/_	•	•	—	_	•	٠	٠	•	٠	•	Ι	R8BA024
	K850i 🛆		•	•	_	•	0	•	•	0	•	•	-	R1FA035
	T650i		•	•	_	_	٠	0	٠	٠	٠	٠	-	R8BA024
	W610i	—	•	•	_	_	•	0	•	•	•	•	Ι	R8BA024
	W705	—	•	0	—	•	-	٠	٠	•	0	•	Ι	R1DA034
	W850i	—	•	•	_	_	•	0	•	•	•	•	Ι	R1KG001
	W880i	□/_	•	•	—	_	•	0	٠	•	٠	•	Ι	R8BA024
	W890i	□/_	•		_	•	0	•	•	0	•	•	_	R1FA035
	W902	_	0	0	_	•	0	٠	•	0	0	٠	-	R3EA031
	W910i 🛆	_	•	•	_	•	0	٠	•	0	•	•	—	R1FA035
	W995	_	•	0	_	•	—	٠	•	_	0	٠	-	R1EA033

Available

□ Available with restrictions (not available for all series/markets)

- Not available/supported

• Function is supported with a high degree of reliability

O Limitation of functions/observe notes on the following pages of this document

▲ Limitation of functions observed with mobile phone software statuses other than that listed

Deviations of functions depending on vehicle equipment are available.

For more information, refer to the operating instructions for your vehicle and the table below in the "General product notes" column. 1) X3 in combination with option code 633: restricted voice quality for 1st call after the Bluetooth connection has been set up

2) With X3, no telephone book and sporadic breaks in the Bluetooth connection are possible.

3) With X3 SIM telephone book only •



Mobile phone	Mobile phone model	SIA				Function	grou	p						Tested mobile
manufac- turer / brand		Snap-In Adapter / USB snap-in adapter (only in comb. with op- tion code 6NF)	Hands-free pho- ning	<b>Contacts</b> , mobile phone	Contacts , SIM card	<b>USB audio player</b> (only in comb. with op- tion code 6FL)	Call Waiting	BMW TeleServices	Privacy mode	Call holding / Confe- rence <sup>X</sup>	SMS <sup>x</sup>	Address import <sup>x</sup>	Snap-In Adapter SAP	phone soft- ware ver- sion
RIM	8100 🛕	∎/_	0	0	_	_	0	-	•	•		0	-	V4.5.0.69 (2.7.0.72)
Blackber- ry	8110	∎/_	0	0	_	_	0	—	•	•	-	0	-	V4.5.0.69 (2.7.0.72)
'y	8300	□/_	0	0	_		0	_	•	•	-	0	_	V4.5.0.69 (2.7.0.72)
	8310	□/_	0	0	_		0	-	•	•	-	0	-	V4.5.0.69 (2.7.0.72)
	8800	_	0	0	_	_	0	_	•	•	I	0	_	V4.5.0.69 (2.7.0.72)
	8900	□/_	•	0	_	_	0	—	•	•	_	0	•	V4.6.1.101 (4.2.0.72)
	9000	□/_	•	•	_	_	0	-	0	0	-	0	-	V 4.6.0.216 (4.0.0.183)
	9700♦	_	•	•	_	_	0	-	•	•	-	0	_	V5.0.0.321 (5.1.0.90)
Samsung	SGH-D900	—	0	0	•		0	-	0	-	-	—	-	V5.10

Available

□ Available with restrictions (not available for all series/markets)

- Not available/supported

• Function is supported with a high degree of reliability

 $\circ\;$  Limitation of functions/observe notes on the following pages of this document

△ Limitation of functions observed with mobile phone software statuses other than that listed

Deviations of functions depending on vehicle equipment are available.

For more information, refer to the operating instructions for your vehicle and the table below in the "General product notes" column.



New vehicles.

#### Assigned functions

- Comfortable hands-free phoning via Bluetooth with high voice quality
- Stable Bluetooth connection
- Quick, reliable reconnection
- Mobile telephone control via the vehicle user interfaces
- Problem-free Bluetooth coupling of the mobile phone with the vehicle
- Display of current signal strength
- Display of Roaming status

Hands-free phoning

#### **General product information**

Independently of the mobile phone involved, the indicators are generally not supported in X3 models.

#### Special notes / Possible limitations

- Sporadic, temporary interruption of the Bluetooth connection (e.g. during call setup), esp. with some Nokia models. Depending on your mobile network, mobile phone model and location, the voice quality may be impaired.
- Coupling with the Apple iPhone only possible with a 4- to 16-digit passkey.
- iPhone volume. It might be necessary to make a once-only adjustment to in-car volume by means of the rocker button on the side of the iPhone. If the iPhone is running software version 2.2 or higher the volume at the landline end is very low, which means that the landline user might have difficulty understanding what the driver says.
- In the case of some mobile phones (especially with Apple iPhone, HTC, RIM), the passkey must first be entered on the mobile phone.
- In the case of the Nokia 6230i, problems were observed with reconnection and stability of the connection, depending on the mobile phone hardware and software. In this case, please update the software of the mobile phone, delete the Bluetooth device list in the mobile phone, repeat coupling procedure and then briefly switch off the mobile phone.
- Some Nokia mobile phones ignore the local setting "Transmission of own call number" with calls made via the Bluetooth interface; in this case, the setting selected by the service provider is used as the default setting
- With some Sony Ericsson mobile phones, the Bluetooth connection may break down when the energy-saving function is activated. If this happens, deactivate the option "Save energy" in the Bluetooth menu of your mobile phone.
- With some Motorola mobile phones, a call terminated via the mobile phone may still be displayed as active on the vehicle screen; if this happens, switch the mobile phone off for a few seconds.
- With some Samsung mobile phones, the Bluetooth connection must be explicitly confirmed on the mobile phone or it must be explicitly authorised in the settings of the mobile phone.
- With RIM Blackberry phones operated in Enterprise mode, functionality in the vehicle depends on the access rights conferred by the company: the settings within the "Bluetooth Policy Group" must correspond to the standard settings specified by RIM.
- On some mobile phones, a call is terminated immediately if the called number is engaged or does not exist.
- Some mobile phones only update the signal strength status with a time delay
- There have been isolated reports of pairing problems with Nokia N and E series mobile phones. In most instances the problem can be solved by switching the mobile phone off for a few minutes and then on again; it might also be necessary to run through the pairing routine again.



New vehicles.

	Assigned functions	General product information	Special notes / Possible limitations
Contacts, mobile phone	<ul> <li>All contacts in the mobile phone contacts list with at least one number are transferred.</li> <li>All numbers in a contact entry in the internal phone contacts list are trans- ferred and displayed.</li> <li>The number type (home, work, mo- bile) is also transferred for internal contact entries and displayed.</li> </ul>	Display of the number type ("home", "mobile", "work", "oth- er") is not supported in X3 and 7 Series (production up to 08/2008).	<ul> <li>Some mobile phones only transfer one telephone number per contact list entry. On Nokia mobile phones, the number to be transferred can be labelled as "Standard".</li> <li>Depending on the phone involved, transferring the contacts can take several minutes.</li> <li>Depending on the mobile phone, umlauts/special characters may (in some cases sporadically) be displayed incorrectly inside the vehicle.</li> <li>With some mobile phones, the contacts are only transferred if the mobile phone is ready for operation (i.e. logged into the network) at the moment of ignition.</li> <li>The transmission of large phone books is not supported by all mobile phones: Depending on the mobile phone scases.</li> <li>On some mobile phone model, the phone book is transmitted partially or not at all. Mobile phone resets were also observed in some cases.</li> <li>On some mobile phone models (e.g. from Apple, Nokia, Sony Ericsson, RIM and Motorola), the sort sequence displayed in the vehicle (e.g. "Sorting by last name") can be influenced by the sort sequence adjustment on the mobile phone. A precondition here is that the constituents of the name in the mobile phone are correctly assigned to the first name or last name field. If the mobile phone only supports one field for the complete name, ensure that the commas are place correctly on entering a name, i.e. either <last name="">, </last></li> </ul>
Contacts, SIM card	<ul> <li>All numbers on the SIM card are transferred and displayed</li> </ul>		With regard to the sort sequence, SIM card entries on most mobile phones are displayed in the vehicle in the same way as they are stored on the mobile phone. Some mobile phones interpret the first name / last name depending on a comma – this mechanism is also used frequently when importing SIM card entries into the telephone book of the mobile phone. Example: With a SIM card entry "Smith John" (without comma), "Smith" would be interpreted by the mobile phone as the first name and "John" as the last name.
USB audio player	<ul> <li>Use of the audio player integrated in the mobile phone parallel to tele- phone operation via Bluetooth</li> <li>Selection / Start / Stop titles via the vehicle's control elements</li> </ul>	Only in combination with option code 6FL. Option code 6FL not available in conjunction with X3 and 7 Series (production up to 08/2008).	<ul> <li>After connecting the mobile phone with the vehicle via USB cable, please consult the display on your mobile phone.</li> <li>Some mobile phones only support <u>one</u> storage medium in combination with the USB audio interface, i.e. the audio files must be stored in the mobile phone or on the smart card.</li> <li>With some mobile phones, the mode "Media" (for MTP / Media Transfer Protocol) or "File transmission" (for MSC / Mass Storage Class) must be explicitly selected when connecting the USB cable.</li> <li>When "File Transmission" is selected, the telephony function will be disabled with some mobile phones.</li> <li>It is recommended to couple the mobile phone before connecting the audio player.</li> </ul>





	Assigned functions	General product information	Special notes / Possible limitations
Call Waiting	<ul> <li>Acoustic Call Waiting signal</li> <li>Depending on the mobile phone model, the following scenarios are possible after operation of the button on the multifunction steering wheel:         <ul> <li>Termination of the present call and immediate acceptance of the Call Waiting</li> <li>Termination of the present call and rejection of the Call Waiting</li> </ul> </li> </ul>		<ul> <li>If the Call Waiting function is marked with "-" in the table above, we recommend that you deactivate the Call Waiting function on your mobile phone</li> <li>Some mobile phones do not display the number of the incoming caller correctly inside the vehicle when the current call is terminated.</li> <li>On some mobile phones, the call time display is not reset when switching to an incoming Call Waiting.</li> </ul>
BMW TeleServices	<ul> <li>Transferring service-relevant vehicle data to your BMW Service Partner via the mobile phone.</li> </ul>	This service is only offered in combination with option code 6AA. Not for X3, BMW Z4 Roadster, BMW Z4 Coupé. Precondition for using the BMW TeleServices is that the mobile phone supports the CSD data service (Dial Up Network) and that your mobile phone service provid- er supports service calls. For information on support of CSD data service with the various types of contract, see your service provider's website. During trips abroad, this service may not be available or only partially available. Charges are levied for the voice connection when using the BMW TeleServices diagnostics. The BMW telephone functions are not available while you are using the BMW TeleServices.	<ul> <li>The GSM mode is mandatory in order to use the data services; this means that on UMTS mobile phones, "GSM-only" mode must be activated in the menu "Settings".</li> <li>With Motorola mobile phones, problems setting up a connection were observed in some, rare cases</li> <li>In the case of SonyEricsson mobile phones, two entry boxes appear the first time you establish the data connection, both of which must be confirmed with "YES": <ol> <li>Authorization for the first data connection.</li> <li>Authorization for all subsequent data connections.</li> </ol> </li> <li>It is advisable to deactivate the TeleServices function in the BMW Services menu if RIM/Blackberry or Windows devices are used</li> </ul>
Privacy	<ul> <li>Telephoning direct from the mobile phone.</li> </ul>	In X3 models in combination with option code 644, the Privacy Mode is supported independently of the mobile phone.	<ul> <li>If the function         "Privacy" is marked "-" in the table above, tele- phoning direct from the mobile phone is not possible unless the Bluetooth function is tempo- rarily deactivated.         Typically, a call will be transmitted via the hands- free unit again after a short time.     </li> </ul>
Call holding / conference	<ul> <li>Toggling between a maximum of 2 parallel calls via MMI</li> <li>Conference switch</li> </ul>	Only in combination with Naviga- tion Professional (option code 609), except for X3, <del>X5, X6</del> . •	
SMS	- Display of new received SMS and also stored in the mobile phone on the ve- hicle MMI	<ul> <li>Only in combination with Navigation Professional (option code 609), except for X3, X5, X6. *</li> <li>Excessively long SMS will be split during transmission and displayed in chronologically reversed order</li> <li>The SMS download begins with the switch to the news menu. After the SMS download, the status for all downloaded SMS will switch to "read" in the mobile phone.</li> </ul>	<ul> <li>Umlauts and special characters may not be transmitted correctly on some mobile phones.</li> <li>Sony Ericsson C702, C902, C905, W705 and W902 mobile phones: Text messages are not displayed in the vehicle unless "phone memory" P is selected in the mobile phone settings as the destination for saving text messages.</li> <li>It might take a considerable time to download text messages, depending on the number of messages stored in the mobile phone. *</li> </ul>

Function only available in combination with Navigation Professional (option code 609), except X3, X5, X6.
 Changes compared to the last version dated March 2009



	Assigned functions	General product information	Special notes / Possible limitations
		- The number of the maximum of downloadable SMS is li- mited.	
Address import	<ul> <li>Display of addresses stored in the mobile phone in the vehicle under "My contacts".</li> <li>There is also an option to use the address as a navigation destination</li> </ul>	Only in combination with Naviga- tion Professional (option code 609), except for X3, <del>X5, X6</del> . •	<ul> <li>With some mobile phones, the addresses will not be transmitted correctly and can therefore not be used as a navigation destination; these devices are marked with</li></ul>
SIM Access Profile	<ul> <li>Support for the hands-free function via the Bluetooth profile SAP (SIM Access Profile).</li> <li>Access to the SIM phone book entries; access to the mobile phone telephone book depending on the mobile phone.</li> <li>Display of the text messages (SMSs) stored on the SIM card as well as incoming SMSs.</li> <li>Display of the indicators.</li> <li>High voice quality, as the Snap-In Adapter is connected directly to the external aerial of the vehicle.</li> </ul>	Only in combination with option code 6NB or Snap-In Adapter SAP; not available in all markets. Other requirements:         •       Navigation Professional (SA609)         •       Telephone equipment (option code 633 or 644)         •       Vehicles (date of manufacture)         •       1 Series (as of 09/08)         •       3 Series (as of 09/08)         •       5 Series (as of 11/08)         •       6 Series (as of 09/08)         •       7 Series (as of 09/09)         •       X1 (as of 02/09)         •       X5 (as of 10/09)	<ul> <li>Mobile phones that do not support access to their internal telephone book are marked in the column "SIM Access Profile" in the above table with o ("function limitations").</li> </ul>

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### Product information Bluetooth<sup>®</sup> (II) Tested mobile phones.



For 3-Series Convertible/Coupé (with 606 or 609) and 7-Series, as of 03/2010.



### Overview

With the Preparation for mobile phone with Bluetooth interface\* (option code 644) and the Preparation for mobile phone Business with Bluetooth interface\* (option code 633), wireless connections can be established between Bluetooth-compatible mobile phones and the vehicle and operated via the vehicle's control elements.



To allow the use of the audio player function of a mobile phone inside the vehicle via the USB interface, the BMW Group offers the **USB audio interface (option code 6FL)** for current BMW new vehicles (excluding X3). For detailed code 6FL, go to

information about option code 6FL, go to http://www.bmw.com/usb.

In addition, option code 6FL (only 3-Series Coupé/3-Series Convertible (in combination with option code 606 or option code 609) and 7-Series, 03/2010 onward) enables you to update the connectivity software in your car with a standard USB stick. For more information go to www.bmw.com/update.

In addition to existing telephony equipment (option code 633 or option code 644) in the vehicle and the USB audio interface (option code 6FL), the **extended connectivity of the music player in the mobile phone\* (option code 6NF)** can also be used in almost all models for select mobile phones using a suitable **USB Snap-in Adapter** to access the music data stored on such device.

For series 7 vehicles with existing telephony equipment (option code 633 or option code 644), the BMW Group offers the **Rear-seat telephone unit** with cordless handset\* (option code 6NB). The option code 6NB can optionally be operated via the SIM card of a GSM carrier or mobile phone that supports the SAP (SIM Access Profile) Bluetooth profile. The product information for option code 6NB with the SAP mobile phones tested by the BMW Group can be found at

#### http://www.bmw.com/Fond-Telefonie.

Alternatively, this solution (in combination with option code 609 and option code 633 or 644) is also offered without a cordless handset as a **Snap-In Adapter** 

#### **SAP\*** for most BMW models.

The table below provides a quick overview of mobile phones that are compatible with option code 6NB or the Snap-In Adapter SAP in the column "Snap-In Adapter SAP".

Once enabled, BMW TeleServices (option code 6AA) can also be accessed via a mobile phone approved for BMW TeleServices. In order to use BMW Tele-Services, you need a SIM card enabled for data services and correctly configured Internet settings on the mobile phone and the SIM card. Your mobile phone provider can supply the information you need to ensure that the settings are correct. The use of BMW TeleServices can be subject to additional connection costs; this depends on the mobile phone tariff.

The following table lists selected mobile phones tested by the BMW Group and the evaluation of their interoperability with the BMW preparations for mobile phones with Bluetooth interface.

The information in this document applies only to the 3-Series Convertible/3-Series Coupé (with navigation system Business (option code 606) or navigation system Professional (option code 609)) and the 7-Series, manufactured from March 2010 onward for the European market.

For information in relation to other models please consult the Bluetooth Product Information (I).

Go to <u>http://www.bmw.com/bluetooth</u> for information applicable to other markets.

For a better overview, the functions supported by a mobile phone in combination with the BMW mobile phone preparations with Bluetooth interface are assigned to a function group and evaluated with regard to support and reliability. The function groups are explained below.



For fault-free operation of the mobile phone inside the vehicle, the BMW Group recommends the use of a snap-in adapter to ensure that

the mobile phone is secured safely, that it is charged and connected with the external aerial.

However, the electromagnetic field intensity inside the vehicle can only be minimised for mobile phones with a connector for an external aerial. BMW Group December 2009 2/7

#### Product information Bluetooth<sup>®</sup> (II) Tested mobile phones.



For 3-Series Convertible/Coupé (with 606 or 609) and 7-Series, as of 03/2010.

For selected mobile phones, the BMW Group also offers snap-in adapters (**USB snap-in adapters**) with the expanded USB function in combination with the option code 6NF. The table below shows the mobile phones for which a USB snap-in adapter is available.

This information is updated regularly to cover new Bluetooth mobile phones.

### Premises

As the application of the Bluetooth standard differs considerably from one mobile phone model to another and can also vary over the course of the product lifecycle of a mobile phone model, functions may be impaired inside the vehicle, and the BMW Group cannot accept responsibility for this.

#### Please note that the information on compatibility always refers to a specific software status for a mobile phone.

In addition to the mobile phone software status, compatibility may also be influenced by the following factors:

- Hardware version of the mobile phone
- Mobile phone configuration (e.g. size of contacts database, energy-saving mode, ...)
- Operating status of the mobile phone (e.g. battery charge, length of operation, degree of usage, ...)
- Network and SIM card

For this reason, sporadic impairment of functions cannot be ruled out, even in the case of mobile phones which otherwise function reliably.

Where the software status of a mobile phone model was known to be incompatible at the time of creation of this document, this is indicated in the column "Mobile phone model" with this symbol  $\triangle$ .

Please observe the notes on the following pages.

## Support

If your mobile phone does not work properly with the BMW preparation for mobile phone with Bluetooth interface, it could be because the software status of your mobile phone is incompatible.

You can find out the software version for your mobile

phone by pressing the following key combinations on your mobile phone:

Apple:	[Settings][General][About] [Version]
HTC:	[Start][Settings][System] [Device Information][ROM version]
Motorola:	[Menu] [Settings] [Phone Status] [Other Info] [S/W Version]
Nokia:	*#0000#
RIM:	[Applications][Options][About]
Sony Ericsson <sup>1</sup> :	[Menu][Settings][Update Service] [Software Version] or: >*<<*<* [Service Info] [SW-Info]

>\*<<\*<\* [Service Info] [SW-Info] " ,>", ,,<", ,,<":Number and direction of joystick entries

New software for your mobile phone can be obtained from the manufacturer or your service provider. In the case of some models, you can update the software yourself via the Internet.

Apple:	http://www.apple.com/iphone
HTC:	http://www.htc.com
Motorola:	http://www.motorola.com
Nokia:	http://www.nokia.com
RIM:	http://www.rim.com/
Samsung:	http://www.samsung.com
Sony Ericsson:	http://www.sonyericsson.com/support

#### If you have any queries, please contact your BMW Service Partner or customer support.

Please quote the VIN of your vehicle when making your inquiry, and if possible, also the phone configuration ID. you can look up the phone equipment ID as follows: Press the "Tel" button on the iDrive controller, then "Options" and subsequently select the "Bluetooth Info" submenu. BMW Group December 2009 3/7

# Product information Bluetooth<sup>®</sup> (II) Tested mobile phones.



For 3-Series Convertible/Coupé (with 606 or 609) and 7-Series, as of 03/2010.

Mobile phone	Mobile phone model	SIA				Function	group							Tested mobile
manufac- turer / brand		Snap-in adapter / USB snap-in adapter (only in comb. with option code 6NF)	Handsfree	Telephone book	Calendar and tasks	Bluetooth audio streaming	<b>USB audio player</b> (only in comb. with op- tion code 6FL)	BMW TeleServices	Call holding / Confe- rence <sup>x</sup>	Addresses	Contact photos	Text messages	Memos	phone software version
Apple	iPhone	∎/_	•	• (1)	-	-	•	• <sup>(1)</sup>	•	-	-	I	—	3.1.2
	iPhone 3G	<b>_</b> /_	•	• (1)	-	-	•	• <sup>(1)</sup>	•	-	-	-	—	3.1.2
НТС	TyTN II	_	•	•	_	_	_	_	-	•	Ι	Ι	-	3.28.405.0
	Touch Pro	_	•	•	_	_	• (1)	—	•	•	-	I	—	1.90.407.4
Motorola	RAZR 2 V8	<b>_</b> /_	•	•	_	_	_	—	•	I	Ι	Ι	-	80.42.OFR
	RAZR 2 V9	∎/_	•	•	_	• (3)	•	•	•	I	•	•	—	A0.02.03R 3
	ROKR Z6	∎/_	•	•	_	_	_	_	•	I	Ι	Ι	-	R60G_80. 33.05R
Nokia	E63	-	• (1,3)	•	• (1,3,4)	• (1,3,4)	• (1)	•	•	-	-	-	•	110.21.00 6
	E71	∎/_	O <sup>(1,2)</sup>	•	• (1,3,4)	• (1,3,4)	• (1)	•	•	-	-	-	٠	200.21.11 8
	N78	_	• (1,3)	• (1)	• (1,3,4)	-	• (1)	•	•	٠	•	-	-	V12.046
	N79	_	• (1,3)	• (1)	• (1,3,4)	• (1,3,4)	• (1)	0	•	٠	٠	Ι	-	V11.049
	N85	-	• (1,3)	• (1)	• (1,3,4)	• (1,3,4)	• (1)	•	•	٠	•	-	•	V11.047
	N96	_	• (1,3)	• (1)	• (1,3,4)	• (1,3,4)	• (1)	0	•	•	•	I	•	V10.065
	N97	_	• (1,3)	• (1)	• (1,3,4)	• (1,3,4)	• (1)	•	•	•	•	-	•	V11.0.021
	5800 XM	∎/_	• (1,3)	• (1)	• (1,3,4)	•(1,3,4)	• (1)	٠	•	٠	•	I	—	20.0.012
	6700c	∎/∎	•	•	0	_	•	•	•	•	•	I	•	V07.60
	6151	∎/_	•	•	• (1,3,4)	-	•	-	0	Ι	Ι	Ι	•	V4.10
	6230i	∎/_	•	•	• (1,3,4)	-	• (1)	-	0	٠	•	•	•	V3.88
	6233	∎/_	•	•	• (1,3,4)	• (2,3)	• (1)	٠	0	Ι	Ι	Ι	•	V5.60
	6300	∎/_	•	•	• (1,3,4)	• (2,3)	•	•	•	l	I	I	•	V6.01
	6300i	∎/_	•	•	• (1,3,4)	• (2,3)	• (1)	٠	•	•	•	Ι	•	V5.60
	6303c	∎/_	•	•	0	_	• (1)	•	•	•	•	I	0	V06.40
	6500c	∎/∎	•	•	0	• (2,3)	•	٠	•	•	•	-	0	V06.61
	6500s	-	•	•	0	• (1,3)	•	٠	•	•	•	—	0	V06.60
	3109c / 3110c	∎/_	•	•	0	• (2,3)	•	٠	•	_	-	_	0	V5.5

Available

- Not available/supported

• Function is supported with a high degree of reliability

• Limitation of functions

For more information, refer to the operating instructions for your vehicle and the table below in the "General product notes" column.

BMW Group December 2009 4/7

# Product information Bluetooth<sup>®</sup> (II) Tested mobile phones.



For 3-Series Convertible/Coupé (with 606 or 609) and 7-Series, as of 03/2010.

Mobile phone	Mobile phone model	SIA	Function group						Tested mobile					
manufac- turer / brand		Snap-In Adapter / USB snap-in adapter (only in comb. with op- tion code 6NF)	Hands-free pho- ning	Telephone book	Calendar and tasks	Bluetooth Audio Streaming	<b>USB audio player</b> (only in comb. with op- tion code 6FL)	BMW TeleServices	Call holding / Confe- rence <sup>x</sup>	Adresses	Contact pictures	SMS	Notes	phone software version
Sony Ericsson	C702	∎/_	●	•	• (1,2,3,4)	• (3)	•	• (2)	•	•	•	•	•	R3EA031
	C902	∎/∎	•	•	• (1,2,3,4)	• (3)	•	• (2)	•	•	•	•	•	R3EA031
	C903	-	•	•	• (1,2,3,4)	•	•	• (2)	•	•	•	•	٠	R1EA032
	C905	-	•	•	• (1,2,3,4)	•	•	•(2)	•	•	•	•	•	R1EA033
	K550i	-	•	•	•(1,2,3,4)	• (2,3)	-	•(2)	•	•	•	•	٠	R8BA024
	K610i/K618i	∎/_	•	•	• (1,2,3,4)	• (2,3)	—	• (2)	•	•	•	•	•	R1KG001
	K770i	∎/_	•	•	• (1,2,3,4)	• (2,3)	-	• (2)	•	٠	٠	٠	٠	R8BA024
	K800i	∎/_	•	•	• (1,2,3,4)	• (2,3)	-	• (2)	•	•	•	•	•	R1KG001
	K810i	<b>_</b> /_	•	•	• (1,2,3,4)	• (2,3)	-	• (2)	•	•	•	•	٠	R8BA024
	K850i	∎/∎	•	•	• (1,2,3,4)	• (3)	•	• (2)	•	•	•	•	•	R1FA035
	W705	-	•	•	•(1,2,3,4)	•	•	• (2)	•	•	٠	•	٠	R1EA030
	W880i	∎/_	•	•	• (1,2,3,4)	• (2,3)	—	• (2)	•	•	•	•	•	R8BA024
	W890i	∎/_	•	•	• (1,2,3,4)	• (3)	•	•(2)	•	•	•	•	•	R1FA035
	W902	-	•	•	• (1,2,3,4)	• (3)	•	• (2)	•	•	•	•	•	R3EA031
	W910i	-	•	•	• (1,2,3,4)	• (3)	•	• (2)	•	•	•	•	•	R1FA035
	W995	-	•	•	• (1,2,3,4)	•	-	•(2)	•	•	•	•	•	R1EA033
	8100	∎/_	• (4)	•	_	-	_	Ι	•	0	•	—	-	V4.5.0.69 (2.7.0.72)
	8110	∎/_	• (4)	•	_	-	—	-	•	0	•	-	-	V4.5.0.69 (2.7.0.72)
RIM	8300	∎/_	• (4)	•	-	_	_	-	•	0	•	-	-	V4.5.0.69 (2.7.0.72)
RIM Black- berry	8310	∎/_	• (4)	•	-	-	-	-	•	0	•	-	-	V4.5.0.69 (2.7.0.72)
	8800	-	• (4)	•	-	-	-	-	•	0	•	-	-	V4.5.0.69 (2.7.0.72)
	8900	∎/_	• (4)	•	-	-	-	-	•	0	•	—	—	V4.6.1.10 1 (4.2.0.72)
	9000	∎/	• (4)	•	-	-	-	-	•	0	•	-	-	V4.6.0.21 6
Samsung	SGH-D900	_	•	•	_	_	• (1)	-	-	-	-	-	-	(4.0.0.183) D900E.05

For more information, refer to the operating instructions for your vehicle and the table below in the "General product notes" column.



For 3-Series Convertible/Coupé (with 606 or 609) and 7-Series, as of 03/2010.

	Assigned functions	General product information	Special notes / Possible limitations
Handsfree	Standard scope         - Comfortable hands-free phoning via Bluetooth with high voice quality         - Stable Bluetooth connection         - Quick, reliable reconnection         - Access to the mobile phone's functions by means of the car's user interfaces and in-car display of current telephony status         - Straightforward Bluetooth pairing between mobile phone and vehicle         Optional scope         - DTMF (Dual Tone Multi Frequency) transmission         - Display of current signal strength         - Display of roaming status         - Call lists from the mobile phone         - Privacy mode		<ol> <li>There have been rare reports of sporadic failure of the Bluetooth connection. If failure of this na- ture occurs, deactivate the audio streaming functionality in the car.</li> <li>After long, intensive use of the phone, Blu- etooth connectivity cannot be re-established automatically. If this happens, switch off the mobile phone briefly and then switch it on again or briefly remove the mobile phone's battery.</li> <li>Nokia E and N series: Bluetooth pairing is via the 'Media' menu, not the 'Telephone' menu</li> <li>With RIM Blackberry phones operated in Enterprise mode, functionality in the vehicle depends on the access rights conferred by the company: the settings within the "Bluetooth Policy Group" must correspond to the standard settings specified by RIM.</li> </ol>
Telephone book	Standard scope         - Support for contacts saved in the mobile phone's memory         - All contacts in the mobile phone contacts list with at least one number are transferred         - Support for all numbers of each contact         - Support for categories assigned to individual numbers (Home, Work, Mobile)         Optional scope         - Support for the telephone book contacts stored on the SIM card         - Support for the sort-order sequence setting (first name / last name)		(1) SIM telephone book not supported On some mobile phone models (e.g. from Apple, Nokia, Sony Ericsson, RIM and Motorola), the sort sequence displayed in the vehicle (e.g. "Sorting by last name") can be influenced by the sort sequence adjustment on the mobile phone. A precondition here is that the constituents of the name in the mobile phone are correctly assigned to the first name or last name field. If the mobile phone offers only one field for the complete name it is important to ensure that the comma is correctly used as separator if necessary, in other words <first_name>, <last_name> or <first_name> <last_name></last_name></first_name></last_name></first_name>
Calendar and tasks	Standard scope         Transfer of calendar entries and task- list entries in the current time window from the mobile phone         Optional scope         Support for due dates for tasks         Transfer of meeting participants	Time zone, time and date must be set correctly in the vehicle and on the mobile phone.	<ol> <li>Some mobile phones require explicit confirmation of data access on the mobile phone after the connection has been set up.</li> <li>Due date for tasks is not supported with some SonyEricsson mobile phones (e.g. K850i, C902).</li> <li>Some mobile phones truncate very long texts on transmission</li> <li>If the number of calendar entries is large, there is a possibility of some entries not being transferred</li> </ol>



For 3-Series Convertible/Coupé (with 606 or 609) and 7-Series, as of 03/2010.

Bluetooth audio streaming	Standard scope         - Use of the mobile phone's integral audio player via Bluetooth         - Access to the functions (start / pause / next/last title) by means of the in-car controls         Optional scope         - Display track titles         - Fast forward/reverse	The Bluetooth audio streaming function has to be activated beforehand.	<ol> <li>It might be necessary to start the audio player application manually at the end device.</li> <li>Fast forward/reverse not supported</li> <li>Display of track titles not supported</li> <li>There have been rare reports of sporadic failure of the Bluetooth connection. If failure of this nature occurs, deactivate the audio streaming functionali- ty in the car.</li> </ol>
USB audio player	<ul> <li>Standard scope</li> <li>Use of the audio player integrated in the mobile phone via the USB inter- face parallel to telephone operation via Bluetooth</li> <li>Access to the functions (select / start / pause / next/last title / fast for- ward/reverse / display track titles) by means of the in-car controls</li> <li>Display track titles</li> <li>CoverArts are transferred and saved in the music file</li> <li>Random play</li> </ul>	Only in combination with option code 6FL. After connecting the mobile phone with the vehicle via USB cable, please consult the display on your mobile phone. It is recommended to couple the mobile phone before connecting the audio player. Windows Media Player version 11 is recommended for synchro- nising the mobile phone with music tracks; in this context it is important to ensure that the synchronisation mode corres- ponds to the recommended USB mode (MTP or Mass Storage Class; see right-hand column).	(1) Mass Storage is the only mode supported. This mode might have to be selected explicitly on the mobile phone. The function might be avail- able only in combination with an external mem- ory card.
BMW TeleServices	<ul> <li>Standard scope</li> <li>Transferring service-relevant vehicle data to your BMW Service Partner via the mobile phone.</li> </ul>	This service is only offered in combination with option code 6AA. During trips abroad, this service may not be available or only partially available.	<ol> <li>iPhone / iPhone 3G: Use of the BMW TeleServices functionality is possible only if the Bluetooth Tethering option has been enabled by the mobile phone service provider.</li> <li>SonyEricsson mobile phones: In order to use BMW TeleServices, make sure that the correct data account has been selected in the Internet settings and that this account is at the top of the picklist; it might be necessary to delete other accounts.</li> </ol>
Call holding / conference	<ul> <li><u>Standard scope</u></li> <li>Toggling between a maximum of 2 parallel calls via MMI</li> <li>Conference switch</li> </ul>		-
Addres- ses	Standard scope - Transfer of the addresses (business, private, email) listed for each contact in the mobile phone		<ul> <li>RIM Blackberry mobile phones: the visitor address is not transferred in full</li> </ul>
Contact pho- tos	- Transfer of the photos matched to contacts in the mobile phone for in- car display		- Transfer of contact photos is not supported by all mobile phones; some mobile phones transfer the photos as tiny thumbnails and mirrored.



For 3-Series Convertible/Coupé (with 606 or 609) and 7-Series, as of 03/2010.

Text messages	Standard scope - Display of new received text messag- es and also those stored in the mobile phone on the vehicle's MMI	<ul> <li>Long text messages are split on transmission and dis- played in chronologically re- versed order</li> <li>Text message download starts when the Messages menu is selected. After the text messages have been downloaded, the status for all downloaded text messages is set to "read" in the mobile phone.</li> <li>The maximum number of text messages is limited.</li> </ul>	<ul> <li>With some mobile phones, special characters might not be transmitted correctly.</li> <li>Sony Ericsson C702, C902, C905, W705 and W902 mobile phones: Text messages are not displayed in the vehicle unless "phone memory" is selected in the mobile phone settings as the destination for saving text messages.</li> <li>It might take a considerable time to download text messages, depending on the number of messages stored in the mobile phone.</li> </ul>
Memos	Standard scope - Support for memos saved in the mobile phone's memory		- The transmission of memos is not supported by all mobile phones. With some Nokia mobile phones (e.g. N85, N97), memos are displayed as calendar entries