

Version 0.1

mObridge Wizard User Manual

For use with the mObridge range of products for software updates, vehicle configuration and general setup parameters when installing mObridge products.

🗑 mObridge Update Wizard	
mObridge	Total Vehicle Integration Bridging media, communication & lifestyle with your vehicle
mObridge Update Wize	ard
This application will allow you to up requirements.	odate the software of your mObridge device and configure it to your
From time to time, mObridge will re	elease software updates for the product range via the website.
The update and configuration proc	cedure should only take a few minutes to complete.
Press Next to continue.	
0.13.0	<< Prev Next >> Finish

www.mobridge-usa.com



Installation

Note: Do Not plug the USB cable in before installing the mObridge Wizard. The Wizard contains the drivers needed for the cable.

🖥 mObridge Update	
Select Installation Folder	mObridge
The installer will install mObridge Update to the following	ı folder.
To install in this folder, click "Next". To install to a differ	ent folder, enter it below or click "Browse".
Folder	
C:\Program Files\m0bridge\m0bridge Update\	Browse
	Disk Cost
Install mObridge Update for vourself, or for anyone wh	no uses this computer:
QF	
O Just me	

Figure 1 Installation of the mObridge Wizard Interface

Upon downloading of the mObridge Wizard from <u>www.mobridge-usa.com</u> the first install page will ask you the location of the install and access to the software as see in figure 1. The defaults for this will be full access by everyone under 'Program Files\mObridge'.



mObridge Update	
nstall mObridge Developer Cable Driver	mObridge
you have a mObridge Developer Cable and would like to install the heck the following Checkbox.	driver at this time, please
Ves Please - Install the driver.	
Cancel	< Back Next >

Figure 2 Request to install USB drivers

The Wizard installer will next ask you if you wish to install the USB drivers. If the user is using the USB cable for interfacing with the mObridge unit then the USB drivers are required to be installed.



🖗 m0bridge Update	
Installing mObridge Update	mObridge
mObridge Update is being installed.	
Please wait	
Cancel	«Back Next>

Figure 3 mObridge Install in progress

As seen in figure 3, the mObridge Wizard installation install has begun.



Device Driver Installation	Wizard
	Welcome to the Device Driver Installation Wizard! This wizard helps you install the software drivers that some computers devices need in order to work.
	To continue, click Next.
	< Back Next > Cancel

Figure 4 Windows driver installation

As seen in figure 4, the Wizard will now help you install the Device Drivers needed for the USB cable interface. Selecting 'Next' will install these drivers.



Completing the De Installation Wizar	evice Driver d
The drivers were successfully i	nstalled on this computer.
You can now connect your de came with instructions, please	vice to this computer. If your device read them first.
Driver Name	Status
✓ FTDI CDM Driver Packa	. Ready to use

Figure 5 Installation of the USB drivers complete

As seen in Figure 5, the Wizard Device Drivers have now been installed successfully. If any part of this process has failed, then the user should start at the beginning again of the install.

This is the final step of the installation. Your Wizard is now ready for use!



Interface Method Selection

🐻 mObridge Update Wizard 🛛 🔀
mobridge Total Vehicle Integration Bridging media, communication & Messyle with your vehicle
Please select the interface you would like to use to configure and update your mObridge device:
O iPod Cable Adapter
OBluetooth
Memory Card
<< Prev Next >> Finish 1.0.11.0

Figure 6 Wizard interface showing SD card selected

The figure above illustrates selecting the SD card option for configuration.

The mObridge Wizard allows a user to select various methods to interface to the mObridge unit's. In the case of the iPod products it is possible to use a USB adapter that plugs into the iPod cable itself allowing for an easy connection to the mObridge unit's. If the iPod cable is not present then either the SD card can be used or in the case of the Bluetooth products, it is possible to connect to the units via Bluetooth and perform software and configuration updates through this method.

The USB cable is readily available through mObridge distributors. The Wizard interface will automatically find the USB cable and will install the drivers as needed.

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SD Card Use

🐱 mObridge Update Wizard	
mObridge To	otal Vehicle Integration
SD Card update!	
The wizard will set an SD-Card with the nec	essary files to update the mObridge device.
Please select your SD Card from the list of a	drives, and also the mObridge device you are targetting.
Select SD-Card K: [FAT]	Select mObridge product mObridge Audio (A-2010) mObridge Bluetooth (ABT-2010)
1.0.11.0	<< Prev Next >> Finish

Figure 7 SD card selection and mObridge product

One the user has selected the SD card option, the PC will look for an SD card and in this case it has discovered an SD card on 'K' drive. Select the SD card and the mObridge product ID and continue onto the next stage by using the 'Next >>' button.



题 mObridge Update Wizar	rd	
mObridg	C Total Vehicle Integration Bridging media, communication & lifestyle with your vehicle.	
Create Configuration File!	Vehicle iPod Bluetooth Bluetooth Audio	
Modify the settings on the right according to your	Vehicle Porsche	~
vehicle and requirements. Press <i>Next</i> to save the settings, or <i>Previous</i> to go back. Reset to defaults	Variant Europe	
1.0.11.0	<< Prev Next >> Finit	sh

Figure 8 Easy to use menu to change parameters

The easy to use menu allows the user to change parameters such as the vehicle type, vehicle variant settings such as USA or Europe or even legacy Mercedes versions, iPod browsing method or complete disablement of the iPod if the user only requires Bluetooth.

The user can also make changes to Bluetooth audio parameters such as microphone gain, audio level outputs for audio streaming, ring volumes and voice prompts.



🐱 mObridge Update Wizard		X
mObridge	Total Vehicle Integrati Bridging media communication & lifestyle with your	on vehicle
Configurate Saved!		
The SD-Card can now be inserted into a automatically reconfigure itself based or	mObridge unit. The mObridge unit will ther In the settings you have chosen.	í
<i>ti</i>		
1.0.11.0	<pre> N</pre>	ext >>

Figure 9 Finished configuration

When all choices have been selected, the user can finish a file called mobridge.ini will have been created on the SD card. This can simply be inserted into the mObridge unit which will read this file and change the setup of the unit to adjust the parameters. The unit will reset automatically and be ready to go straight away.

NOTE: It is always advisable to let the vehicle go to sleep after a configuration change. The MOST ring is sensitive and a graceful shutdown and wakeup is always advisable.

bridge

USB Cable Interface

The USB interface is available for use with a special mObridge USB cable device to allow for easy update and configuration of the mObridge units through the iPod cable on such equipped interfaces.

🐻 mObridge Update Wizard		
mObridge	Total Vehicle Integration Bridging media, communication & lifestyle with your vehicle.	
Please select the interface you wo	ould like to use to configure and update your device	i.
() iPod Cable Adapter		
OBluetooth		
Memory Card		
1.0.13.0	<< Prev Next >>	Finish

Figure 10 USB Cable selection

Figure 10 shows selection of the USB cable interface. Selecting this will cause the Wizard to search for the USB cable. The USB should be plugged in at this point if the Wizard is using this interface.

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颜 mObridge Update Wizard		×
mObridge	Total Vehicle Integration Bildging media: communication & lifestyle with your vehicle	
Select your mObridge de	eveloper cable	
Select your mObridge developer cable the list, unless you have multiple cabl	e from the list below.In most cases there should only be a single device in les connected to the same PC.	
The refresh button can be used to re to a USB port.	fresh the list when a mObridge developer cable is connected/disconnected	
FT232R USB UART	Rescan	
1.0.13.0	<< Prev Next >> Finish	j

Figure 11 USB Wizard cable has been located automatically

Once the Wizard has found the USB cable, and it will do this automatically, the cable will show up as ready for use. If the cable has not been plugged in at this stage then please do so and wait approximately 10 seconds and then click on the 'Rescan' button. The Wizard will again look for the USB cable and locate it if it can.

If the USB cable cannot be located upon multiple plug and unplug, then we suggest that the Wizard be un-installed or repaired by running the installation once again and a reinstall of the drivers.

Once the USB cable has successfully been located and connected to the user will be able to click on the 'Next' button.

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nObridge Total Vehicle Integra Bridging media communication & lifestyle with	ation your vehicle.
Connected! You are now connected to your mObridge device, and can now change its onfiguration or upgrade the software. The current software version information is show in the box to the right. This can be checked against the <u>mObridge website</u> to see if you have the atest version. Tress the <i>Configure</i> button to change the settings of the mObridge device, uch as changing the vehicle type. Tress the <i>Update</i> button to start a software update.	Version Information SW Version: 3.2.0 Bootloader Version: 1.0.7 Parrot Version:
Configure	Update

Figure 12 Wizard has established communications with the mObridge unit

Once the USB cable has been located and connected to the Wizard and the cable has been plugged into the mObridge unit via the iPod cable, the Wizard will now display the home screen with the software versions of both the Boot loader version, software version, and in the case of the Bluetooth units the Parrot software version will also be displayed.

From here the Wizard can either configure the unit or perform a software update.



题 mObridge Update Wizar	rd	
mObridg	C Total Vehicle Integration Bridging media, communication & lifestyle with your vehicle.	
Create Configuration File!	Vehicle iPod Bluetooth Bluetooth Audio	
Modify the settings on the right according to your	Vehicle Porsche	~
vehicle and requirements. Press <i>Next</i> to save the settings, or <i>Previous</i> to go back. Reset to defaults	Variant Europe	
1.0.11.0	<< Prev Next >> Fin	ish

Figure 13 Easy to use menu to change parameters

The easy to use menu allows the user to change parameters such as the vehicle type, vehicle variant settings such as USA or Europe or even legacy Mercedes versions, iPod browsing method or complete disablement of the iPod if the user only requires Bluetooth.

The user can also make changes to Bluetooth audio parameters such as microphone gain, audio level outputs for audio streaming, ring volumes and voice prompts.

bridge

Bluetooth Interface

The Bluetooth interface is designed to update both the firmware of the mObridge main board as well as the Parrot chipset for new phone and vehicle support. The Bluetooth interface can also be used for configuration of the mObridge unit's just as you would by using the USB interface or creating an SD card configuration file.

🐱 mObridge Update Wizard
mobridge Total Vehicle Integration Bidging media, communication & lifestyle with your vehicle
Please select the interface you would like to use to configure and update your
O iPod Cable Adapter
Bluetooth
O Memory Card
<< Prev Next >> Finish
1.0.13.0

Figure 14 Selecting the Bluetooth interface

If the user is going to use the Bluetooth interface it is necessary to have either a Bluetooth enabled computer or a computer with a Bluetooth USB dongle. There are a number of computer Bluetooth protocol software packages for PC's. mObridge supports only the Microsoft® Bluetooth software package. There are a number of other software packages such as the BlueSoleil and Widcomm. These packages have been known to work but are not officially supported by mObridge.

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ស mObridge Update Wizard	X
mObridge Tota	al Vehicle Integration
Configure the Bluetooth	Select your interface
connection.	BlueSoleil - KG_INSP6000 Refresh
 Before connecting to the mObridge device via Bluetooth, you need to configure the connection. Select your bluetooth dongle/interface from the list to the right. If you have trouble connecting using this method, you can also map a virtual COM port. Refer to the documentation that came with your Bluetooth dongle for information on how to do this. The mObridge Update Wizard supports connection using Microsoft, BlueSoleil, or WidComm Bluetooth drivers only. Note: You can only connect to mObridge Bluetooth ABT-2010 with SW at least 1.6.0 over Bluetooth. 	Use Bluetooth Virtual COM port (Advanced) Use Bluetooth COM port Select Port COM17
	<pre></pre>
1.0.13.0	

Figure 15 Selecting Bluetooth Device

If a Bluetooth device is present on the PC, the mObridge Wizard will display the available devices. Either a Bluetooth USB dongle needs to be present at this stage or the computer will require built in Bluetooth support.

Once the available Bluetooth interfaces are displayed, the user can select the required device and click on the 'Next' button.



🐱 mObridge Update Wizard			×
mObridge	Total Vehic Bridging media, commun	cle Integration	
Select your Bluetooth			
device	Search for dev	ice	
Using the list on the right, select the mObridge device		Searching	
niobridge deriver	Name	Address	Pai
10130		<< Prev Next >>	Finish
1.0.13.0			

Figure 16 Searching for mObridge Bluetooth device

Figure 16 shows the Wizard searching for a mObridge, or any Bluetooth device, in the nearby vicinity.



🚺 mObridge Update Wizard			X
Mobridge Select your Bluetooth	Total Vehicl Bridging media, communica	e Integration	
device	Search for device		-
Using the list on the right, select the mObridge device.		Start Search!	J
	Name	Address	Pai
1.0.13.0		< Prev Next >>	Finish

Figure 17 mObridge Device has been located

Figure 17 shows that a mObridge device has been located and can now be connected. The user should select this device and click on the 'Next' button.

If no devices can be found then re-initiate the search, ensure the mObridge device is actually on and perhaps even the vehicle needs to be running at this stage to ensure the device is running.

Note: In the case of BMW vehicles, it is necessary to initiate Bluetooth searching otherwise the Wizard simply won't find any devices. Please consult your particular vehicle manual for correct use of Bluetooth pairing.



Enter Bluetoo	th PIN 🔀
Enter the Blueton Normally this is i	oth PIN to connect. nitialized to 1234.
Enter Pin:	1234
OK Cancel	

Figure 18 mObridge pin request

As with normal pairing of a phone with the mObridge device it is necessary to input the correct pin number of '1234'. The user should enter this number and click the 'OK' button.

Note: In the case of BMW vehicles there is a dynamic pin number that can be generated by the BMW head unit. In general the BMW head unit will ask for the user to input this number which can then be used by the Wizard. Please consult your particular vehicle manual for correct use of Bluetooth pairing.



🐱 mObridge Update Wizard	
mobridge Total Veh Bridging media, comm	icle Integration
Connected! You are now connected to your mObridge unit, and can now change its configuration or upgrade the software. The current software version information is show in the box to the right. This can be checked against the <u>mObridge website</u> to see if you have the latest version. Press the <i>Configure</i> button to change the settings of the mObridge, such as changing the vehicle type.	Version InformationBootstrap:1.0.7Application:1.8.0Bluetooth:1.70
Configure	Update
1.0.13.0	<< Prev Next >> Finish

Figure 19 Successful Bluetooth linkup

Figure 19 shows a successful Bluetooth linkup with the mObridge unit. The user will be brought to the home screen where the software versions and user choices of software update of configuration is now available.