mObridge – BLUETOOTH and iPod: APPLICATION REFERENCE for BMW vehicles

- **mObridge Audio A2010 series (iPod + Aux)**
- **mObridge Bluetooth ABT2010 series (Bluetooth + iPod + Aux)**

expanding life's capabilities

support@mobridge-usa.com

Background:

Because of the range of headunits and capabilities in BMW, application requires deeper treatments.

Identifying the Vehicle's Equipment (to determine kit part nos. and capabilities):

Headunit Type	CCC (iDrive Nav Professional) [Navi/Premium Package]	M-ASK (iDrive Business)	ASK (iDrive in 7-series)	Professional Radio & MINI Radio
Photo And Identifying Characteristics	 Note: DVD and CD slot, 8" widescreen, Navigation.	 Note: CD slot ony, 6" narrow screen. U.S. models don't have Nav.	 Note: 8" widescreen, single slot, 7-series only	 
Found In Years/ Models	2004-2009 5, 6-series 2006-2008 3-series 2007-2009 1-series	2004-2009 5, 6-series (some non-US 3-series may also have)	2002-2005 7-series	2006-2009 3-series 2007-2009 1-series 2007-2009 MINI Coupe/Clubman From Mar/2009 MINI Convertible
Supports CD/MP3 Text for iPod browsing	Yes, CD/MP3 text and folder browsing.	2004-early/2005 models: No* Late/2005-2009 models: Yes	No*	Yes, CD/MP3 text and folder browsing
A2010 iPod+Aux	A2010-BMW-F	2004: A2010-BMW-NMP3 2005-2009: A2010-BMW-F	A2010-BMW-NMP3	A2010-BMW-N
ABT2020 Bluetooth + iPod + Aux-In	ABT2010-BMW-F	2004: ABT2010-BMW-NMP3 2005-2009: ABT2010-BMW-F	INQUIRE: *as of time of publication, Bluetooth not compatible on 7-series*	ABT2010-BMW-N

**No: mObridge supports what's called "numbered playlist" browsing. Browsing the iPod can be done through the CD changer's discs, or unlock the iPod through mObridge's convenience functions (CD #6). See Audio user's manual page 17 for further information on this method of operation.*

Is the car ready for iPod (through 6-CD Changer CDC interface) and OR Bluetooth?

Please note that the A2010 series product currently only runs through the CDC Function Block on BMW and thus the car either needs to already have (already active/enabled/"coded" for) CDC or needs to be coded for (e.g., **BMW *retrofit coding*** procedure using most likely the Autologic aftermarket tool like EAS has). mObridge's latest software has BMW diagnostics in it so theoretically even the dealer tester (BMW DIS) can code the car up with mObridge in the loop but you may find that either the service managers or techs will shy away from this or they throw their hands up if they run into anything at all unexpected and say "doesn't work" (for this reason, for the time being until we all get more experience with the dealers on this we might recommend shying away from actual BMW dealers unless they are very friendly to it and they really understand it).

IN ORDER TO FIT ABT2010 BLUETOOTH, ALL VEHICLES REQUIRE RETROFIT CODING FOR TELEPHONE/BLUETOOTH.

FITTING THE iPod FUNCTION IN BMW:

Does the vehicle have existing 6-disc CD-changer (CDC)?

YES. No additional enablement required for iPod capability.
The iPod simply takes the place of the existing CDC (single-disc in dash is never affected). Refer to mObridge's install instructions for BMW.

NO. PROCEED TO CODING FOR CDC.

The vehicle must be activated or enabled ("*retrofit coding*") for CDC by proper equipment.

1st Best option for retrofit coding for aftermarket equipment: locate an Autologic tester for BMW (www.autologic.us). The Autologic tester can *retrofit code* the car for CDC. Some earlier 5-series and 6-series can also be software updated for MP3/CD capability (take iPod extension…BMW-F).

2nd Best option: the BMW / MINI dealer (e.g., BMW DIS tester) can *retrofit code* the car for CDC using an actual factory/dealer-fit CDC in place while coding (most dealers only willing to do this if customer pays for CDC install) Then install mObridge in place of the CDC.

3rd Best option: in some cases, the BMW DIS tester and a skilled tech may be able to retrofit code the car without having the actual CDC and even with the mObridge installed in the system as CDC. As of Jan-2009, consult mObridge for latest software that has BMW diagnostic software capability that allows for easier retrofit coding by the dealer even using the mObridge piece as CDC.

Locating/Identifying the CDC:

- **1-series, 3-series, MINI:** Toward the side of the trunk (CDC was optional or dealer-install, not very common)
- **5-series, 6-series:** at the back of the glovebox (CDC was optional or dealer-install, common in about 50% of cars)
- **7-series:** passenger side of dash, flap above glovebox (CDC was optional in U.S. cars but almost 100% of cars have it)