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MOST



AUSTRALIAN
DESIGNED &
ENGINEERED

mObridge

User Manual

M1000-M-DAB MOST DAB | DAB+ Radio Unit

MOST

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IMPORTANT

Common Install Notes

Prior to commencing any installation. Some vehicles may need to be coded for the M1000-M-DAB product for correct operation. Please refer to the 'Individual Vehicle Notes' provided by your mObridge dealer, and refer to the Coding Notes chapter in these instructions.

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>Welcome

Congratulations on your purchase of a mObridge M1000-M-DAB unit. mObridge prides itself on striving to develop and manufacture products to the highest engineering quality standards that integrate seamlessly with factory audio visual systems.

The mObridge M1000-M-DAB is designed to integrate effortlessly with your factory audio system. This manual is a 'generic' guide to your unit and vehicle specifics can be downloaded free from our www.mobridge.us website. Please refer to your own Vehicle User Manual for control specifics.

We hope you enjoy your new mObridge experience!

Configuration for your vehicle

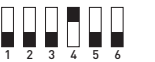
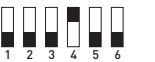
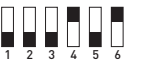
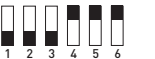
This mObriidge M1000-M-DAB manual covers generic features only. Please refer to 'Vehicle Specific Instructions' within this manual or your vehicle's system user manual for your particular vehicle make and model.

Vehicle Dip-Switch Settings

The M1000-M-DAB comes with a series of DIP-Switches on the side so that you can program the unit to suit your particular vehicle easily. This document is not a complete compatibility chart. For up-to-date vehicle compatibility please consult our website www.mobridge.us



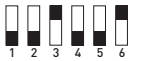
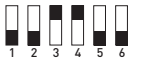
Use a small screwdriver to change the DIP-switches on the M1000-M-DAB. The unit will automatically reset with the new settings. In some vehicles it may be necessary to remove the key and allow the vehicle to sleep (lock doors and wait 10 minutes), to ensure that the head-unit restarts and recognizes the new device.

Audi DIP-Switches

	RADIO	DAB DAB+ INTERFACE
		VIA DAB
	MMI 2G	✓
	MMI 3G/3G+	✓
	MMI 3G < 2011 with software below K0029	✓

Audi DIP-Switches FIG 01

BMW | Mini DIP-Switches

	RADIO	REGION	DAB DAB+ INTERFACE	
			VIA DAB	VIA SAT RADIO
	Any	Europe	✓	✓
	Any	Europe		
	Professional Radio Pre-2009	Europe	✓	



BMW | Mini DIP-Switches FIG 02

Landrover DIP-Switches

	RADIO	DAB DAB+ INTERFACE
		VIA SAT RADIO
	6CD-565 (2005-2010)	✓



Landrover | Jaguar | Volvo DIP-Switches FIG 03

Mercedes Benz DIP-Switches

	RADIO	REGION	DAB DAB+ INTERFACE	
			VIA CD-CHANGER	VIA DAB
	COMAND	Europe	✓	
	NTG 2.5/4.0/4.5/4.7	Europe		✓

Mercedes Benz DIP-Switches FIG 04

Porsche DIP-Switches

	RADIO	DAB DAB+ INTERFACE	
		VIA CD-CHANGER	VIA SAT RADIO
	PCM 2.0	✓	
	PCM 2.1		✓

Porsche DIP-Switches FIG 05

M1000-M-DAB MOST Kit Contents

The M1000-M-DAB MOST kits come with a universal power and ground harness as pictured below. We recommend wiring by a professional installation technician. The Blue wire in the DAB product is not used and can be left alone or cut from the loom as it is not required.

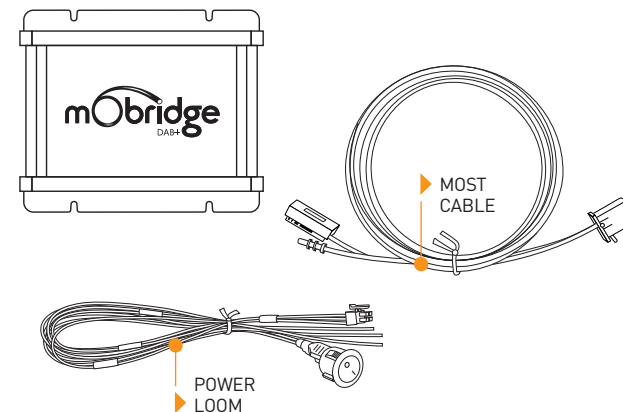


FIG 06

NOTE: mObridge do not supply a digital aerial as each vehicle make and model is different in design.

THE M1000-M-DAB MOST KIT CONTAINS THE FOLLOWING:

- ▶ M1000-M-DAB power loom and valet switch
Red Wire = 12V Permanent Power
Black Wire = GND
Blue Wire = This wire is not used on this unit
Switch = valet mode. Can be mounted anywhere or not at all if not desired.
- ▶ MOST cable 'T' piece

Installation

We highly recommend the MOST connection be made close to the factory radio, by simply unplugging the factory MOST connector and plugging it into the M1000-M-DAB unit 'T' Piece. Then plug the supplied MOST cable from the 'T' Piece back into the factory radio to complete the MOST Loop within the car. Make sure the vehicle aerial is connected to the M1000-M-DAB. Now you simply need to turn your car on to verify the correct connection has been made.

The mObridge Graphical Interface, via the USB connection, now provides the ability for a 'Factory Reset' button. Upon installation of the M1000-M-DAB unit, the user can initiate a scan of the DAB chip. This allows for easier initial installation of the unit.

NOTE: If the MOST Bus is not connected properly, this can affect many functions of the vehicles operating system including the ability to start the audio system and the vehicle.

Vehicle Coding

Some Audi, BMW and Mercedes vehicles will require coding in order for the M1000-M-DAB units to work seamlessly with the factory system.

Please refer to individual vehicle notes for required coding.

WE RECOMMEND THIS BE DONE BY A PROFESSIONAL SERVICE AGENT ONLY.

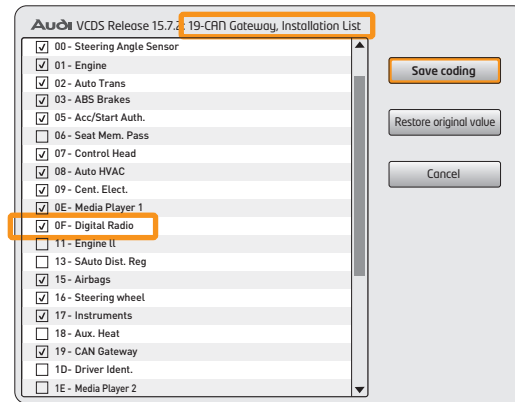
Landrover

Coding is generally not required in the 'Generation 1' infotainment systems, up to model year 2010. 'Generation 2' systems will require coding by your dealership.

Audi

The procedure for this can be coded with the VAG diagnostic tools, the Ross-Tech VCDS software suite, or any other third party Audi tools.

Audi vehicles must have option 0x0F in the CAN gateway coded on. This can be done using the Ross-Tech VCDS or VAG diagnostic tools. Fig 07 on the next page illustrates option 0x0F coded on."



Option 0x0F Coded On **FIG 07**

BMW | Mini

All products being fitted into BMW / MINI vehicles require coding. mObridge has added auto-coding to its products for 'E series' vehicles for the Professional radios, MASK and CCC idrive radios. The 'E' and 'F' series CIC radios require specialist coding. We recommend that the Autologic Diagnostics tool be done by a professional technician. If the vehicle never had any equipment on MOST then MOST will be required to be turned on.

Mercedes

NTG4.x systems require coding, this can be done by the user in the engineering menu. Earlier NTG systems do not require any coding.

Porsche

Coding is generally not required for the Porsche PCM2.0 and PCM2.1 systems.

Features and Control

In most cases the M1000-M-DAB will work as if it's part of the vehicles factory audio system, therefore you can refer to the Audio System user manual provided with your vehicle.

When you first select the DAB or Satellite menu, the system will ask to 'scan' for available radio stations. Simply follow the instructions on your screen and your DAB will find all available stations and set them into an 'ensemble', or group listing. You can now select your favorite station and listen to crystal clear digital radio.

Vehicle Specific Features and Control

Audi - MMI3G Head Unit

- ▶ MMI3G system does not provide a scan function where it asks you to scan through the Frequency Band for stations. Instead, the built in scan function goes through the existing station list saved on the HU, playing one station at a time for for approximately 5 seconds.
- ▶ So station scan is implemented through seek up/down buttons on the 'tuning' menu. Once selected, a scan operation will start. The user should be able to see the frequency labels cycling though on the menu where the ensemble corresponding to the frequency label on the screen is scanned for stations. Once complete, the new station list is automatically updated, and the frequency label will sit at the last selected ensemble.

BMW - DAB on DAB

- ▶ Station scanning is achieved through the 'Auto-store' function. 'Auto-store' can be selected from anywhere in the DAB menu either via the top level or by selecting it through the submenu for a station.

Landrover

Double select the 'AUX' button to get into the DAB over SAT Radio menu.

- ▶ To Store a Preset station - follow your vehicles radio user guide for AM/FM preset storage.
- ▶ To perform a Scan - Enter the 'settings' menu of the SAT Radio, select SCAN and enter '222' and automatic scan will then take place.

Porsche - SAT Radio System

- ▶ DAB on SAT Radio system - This system does not allow for Preset station storage. All other radios are fine.

mObridge Software Update

Installation of mObridge Update Wizard **FOR PC ONLY**

The mObridge Update Wizard allows you to update your mObridge device to the latest software via USB Cable to a PC computer.

Download and save the file to your computer, open the file and follow the installation instructions.

To open the Wizard go to: ▶ Start ▶ All Programs
▶ mObridge ▶ mObridge Update Wizard

 **SYSTEM REQUIREMENTS:**
PC running Windows XP Onward



mObridge Update Wizard **FIG 08**



THE WIZARD CAN BE DOWNLOADED FROM → <http://mObridge.us/node/13371>

Disclaimer

mObridge makes every effort to try and keep the installation documentation and support up to date.

We do not reimburse or bear costs arising from installations should installation issues occur. mObridge can be contacted via email and also via its world wide distribution network. We always recommend contacting the local distributor first, and although we endeavor to answer emails we receive in a timely manner, due to time zone differences we may not be able to respond immediately.

mObridge always recommends professional installation of these products as they are technically complex, involving optical fiber across multiple vehicle configurations and software versions within these vehicles.

In some cases vehicles may require coding by specialist workshops and diagnostic equipment. mObridge always recommends allocating a number of hours to any installation, just in case any issues should arise.



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