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Compatible iPod & iPhone

iPod 5th generation (video)* 30GB 60GB 80GB	iPod nano 5th gen. (video camera) 8GB 16GB 32GB
iPod classic 80GB, 120 GB, 160GB	iPod touch 1st gen 8GB 16GB 32GB 2nd gen 8GB 16GB 32GB 64GB 3rd gen 8GB 32GB 64GB
iPod nano 3rd generation (video) 4GB 8GB	iPhone & iPhone 3G 4GB 8GB 16GB
iPod nano 4th generation (video) 8GB 16GB	iPhone 3GS 16GB 32GB

* Must be used in locked mode.

MEDIA BRIDGE

MB-1500-Toyota integration solution for Toyota/Lexus/Scion vehicles

Installation Guide/User Manual

DICE logo is a trademark of DICE Electronics, LLC. SiriusConnect, Sirius and XM logos are trademark of SiriusXM. The Made for iPod logo is a trademark of Apple Inc. Apple iPod is not included in the package. For our detailed terms and conditions please visit our website at www.diceelectronics.com. REV. 062110

MediaBridge kit contents

- user manual
- MediaBridge Module
- MediaBridge Connector
- Microphone

Dip switch setting



Car configuration switches

	Use on radios with SAT button for best experience. Must be selected to support external SiriusConnect tuner. Available on North American radios.
	Use to retain factory Sirius/XM module, or on radios with integrated satellite tuner. Also for radios that do not support SAT mode. External CDC (trunk, or glove box) must be disconnected.
	Use with late model navigation radios where factory Sirius/XM module is present (integrated) and CDC emulation is not supported (i.e. no text).
	Use with early model year radios with external CD changer. MD text is only supported on a selected few radios, typically navigation models.

Basic operation

Press **SAT** (for SAT emulation) or **DISC** (for CDC/MD/MP3 emulation) to select Media Bridge.

Audio Source Selection*:

Use the **SEEK** / **TRACK** / **TUNE** within the first 5 seconds to cycle between USB iPod/Memory > AUX > Sirius > Bluetooth while in PRESET/DISC 1 *USB is only selectable if a USB flash drive or iPod is attached. SIRIUS is only selectable if a SIRIUS tuner is attached.

MediaBridge Interface Settings (within first 5 seconds of entering MediaBridge Emulation):

Select PRESET / DISC 2 to set charge time after ignition off (for iPod).
 Select PRESET / DISC 3 to change base volume.
 Select PRESET / DISC 4 to set up scrolling text option.
 Select PRESET / DISC 5 to set up radio line display type.
 Select PRESET / DISC 6 to view MediaBridge firmware version.
 (Select PRESET / DISC 1 to apply settings and resume audio playback.)

iPod hold ON	Radio control	iPod control
	✓	✗

Before connecting the iPod to the Media Bridge module, turn the hold switch **ON** to fully control and browse the songs from factory radio. The iPod is locked in this state.

iPod hold OFF	Radio control	iPod control
	limited	✓

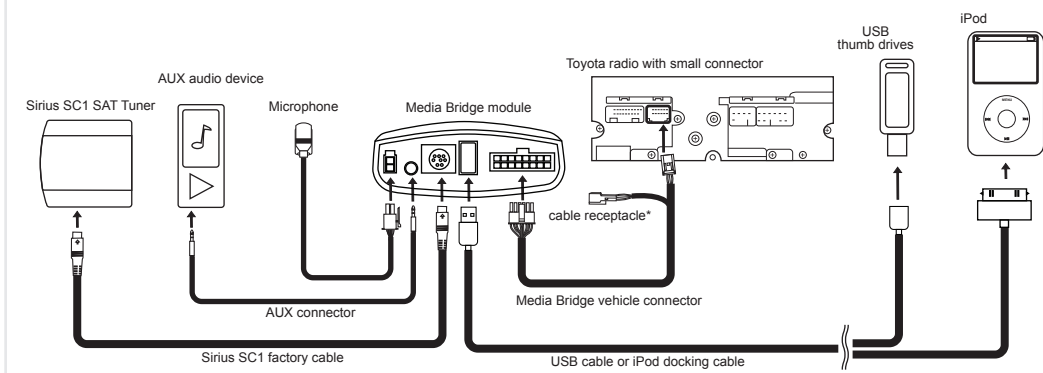
Before connecting the iPod to the Media Bridge module, turn the hold switch **OFF** to fully control and browse the songs from iPod. The factory radio control and browsing capabilities are limited.

Note: Changing the hold switch on iPod to ON/OFF must be done **prior** to connecting the dock cable.

Installation

1. VERIFY COMPATIBILITY
2. DISCONNECT BATTERY
3. REMOVE RADIO FROM CAR
4. INSTALL MEDIA BRIDGE CABLE
5. ROUTE KIT TO GLOVEBOX OR OTHER ACCESSIBLE LOCATION
6. CONNECT BATTERY & TEST
7. COMPLETE INSTALL BY RE-INSTALLING RADIO

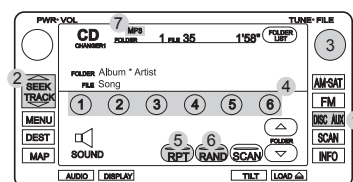
Connection diagram



* If factory harness present, connect to receptacle

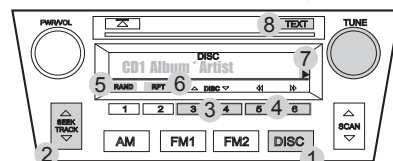
Selecting Media Bridge as an audio source

MP3 emulation



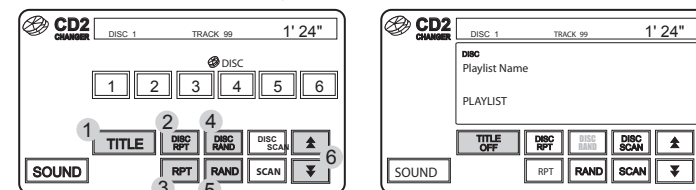
- 1 Media Bridge source selector
- 2 Press to change Track.
- 3 Turn to change Track.
- 4 Press to select DISC numbers 1 - 6 (modes/folders).
- 5 Press RPT short to repeat one, long to repeat all.
- 6 Press RAND short to Shuffle Songs, long to Shuffle Albums.
- 7 Source indicator

CDC/MD emulation (without Navigation)



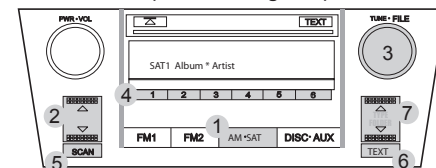
- 1 Media Bridge source selector
- 2 Press to change Track.
- 3 Press to change modes/folders.
- 4 Press to RW or FFW.
- 5 Press RAND short to Shuffle Songs, long to Shuffle Albums.
- 6 Press RPT short to repeat one, long to repeat all.
- 7 Arrow shows if additional information is available. Hold TEXT button for more information.
- 8 Press the TEXT button to cycle between display fields.

CDC/MD emulation (with Navigation)



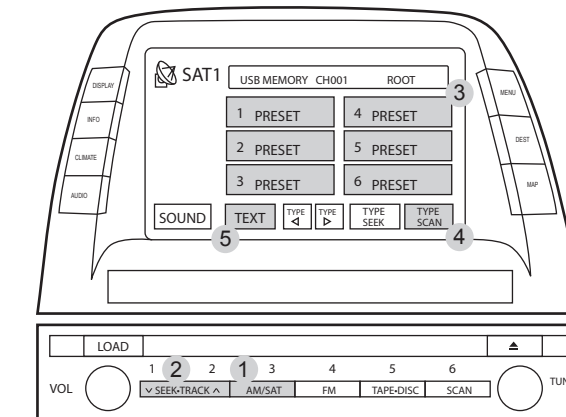
- 1 Press TITLE to toggle between screens.
- 2 Press DISC RPT to Repeat All.
- 3 Press RPT to Repeat One.
- 4 Press DISC RAND to shuffle Albums.
- 5 Press RAND to Shuffle Songs.
- 6 Press to change Track.

SAT emulation (without Navigation)



- 1 Media Bridge source selector
- 2 Press to change Track.
- 3 Turn to change Track.
- 4 Use Presets to change modes/folders
- 5 Use Scan to enable Shuffle and Repeat.
- 6 Press the TEXT button to toggle between available TEXT fields.
- 7 Use the TYPE button to engage/disengage RW or FFW

SAT emulation (with Navigation)



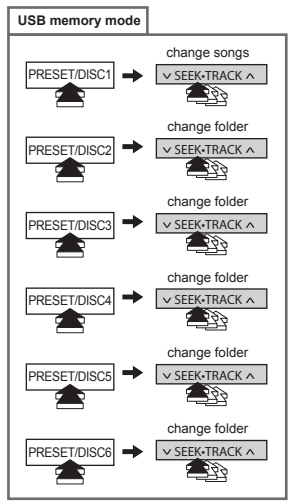
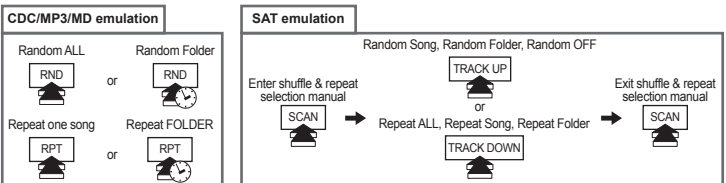
- 1 Media Bridge source selector
- 2 Press to change tracks
- 3 Use PRESETS for different modes.*
- 4 Press to enable Random
- 5 Press to toggle between text fields

* Depending on operating mode, preset buttons will have different labels

USB memory operation

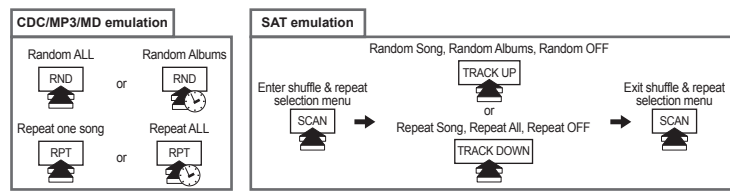


- Select PRESET/DISC 1, then use the seek/track/tune buttons to change from song to song.
- Select PRESET/DISC 2-6 to access Folders and use the seek/track/tune buttons to navigate through the folders on your USB flash drive.
- The Media Bridge unit will recognize the first 8 levels of folders, with up to 200 accessible folders within each folder. Only the first 1000 files will be read in each folder, the rest will be ignored.
- Songs play in order of when they were added to the flash drive.
- To change random & repeat settings:

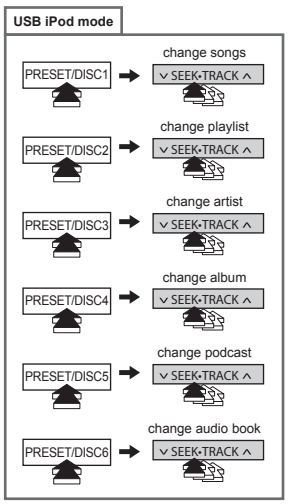


USB iPod operation

- Use PRESET 1-6 (DISC 1-6) to enter browsing modes (SONG, PLAYLIST, ARTIST, ALBUM, PODCAST and AUDIO BOOK).
- Within each mode, use the seek/track/tune buttons to browse the items available
- To change random & repeat settings:



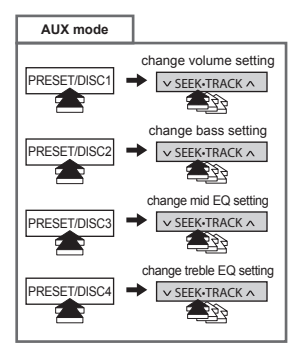
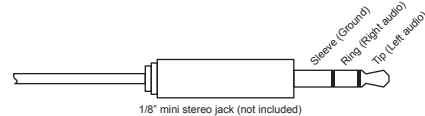
Note: if the iPod is unlocked for direct control, radio control will be limited to Songs, Playlists, and Albums. Text display will also be limited to show only current song information.
TIP: In CDC/MP3/MD emulation, selecting DISCS is done by using the DISC +/- buttons.



AUX operation

- An auxiliary audio device can be connected to the Media Bridge unit through it's 1/8" headphone jack.
- In AUX mode, music is controlled only through the auxiliary audio device.
- Audio equalizer setting can be adjusted while in auxiliary mode by selecting PRESET 1-4 (DISC 1-4) and using seek/track/tune buttons to increase or decrease levels. DISC/PRESET numbers and corresponding setting are shown on the right chart.

TIP: In CDC/MP3/MD emulation, selecting DISCS is done by using the DISC +/- buttons.



Bluetooth & MAT (Music Announcer Technology) configuration

To alter voice announcement and Bluetooth pairing settings select **Bluetooth** as your audio source, press the preset button that corresponds to the feature you want to configure, and then use **track or channel UP/DOWN** to browse through configuration options:

- PRESET/DISC 1, 2 or 3 should be selected if you want to control Bluetooth audio streaming playback.
- PRESET/DISC 4 controls the Autoconnect feature. Available options are Enable and Disable. This controls whether or not the MediaBridge will reconnect automatically when phone becomes disconnected. Only the most recently paired device will be reconnected automatically.
- PRESET/DISC 5 controls the paired devices memory. There is only one option. Tune or change tracks to clear the listing of paired devices with the MediaBridge.
- PRESET/DISC 6 controls MAT setting. Available options are Default, Extended, Phone only, and Off (refer to the chart below).

Options	Function
Default	Reset MAT back to factory default configuration
Extended	Turn on ALL MAT feature
Phone only	Turn on the phone relative MAT only
Off	Turn off MAT completely

Pairing MediaBridge with your cell phone via Bluetooth

1. Turn on the Bluetooth feature on your cell phone
2. Select MediaBridge as your audio source from your radio, then select Bluetooth mode
3. Search device from your cell phone
4. Select MediaBridge from device list and enter password "0000" to connect

Note: MediaBridge is only discoverable for first 60 seconds after selecting MediaBridge as your radio's audio source. Bluetooth devices remain paired 30 seconds after exiting MediaBridge mode, within this time active audio streams and phone calls aren't audible on the phone but can be resumed by re-entering MediaBridge mode

Answering / making a phone call

- To answer an incoming call, press the button that tunes to the next track or channel
- To reject an incoming call or terminate an active call, press the button that tunes to the previous track or channel
- To make an outgoing call, dial on the phone like you would normally

! Phone calls interrupt any music / audio that is currently playing on the radio while MediaBridge is the selected audio source.

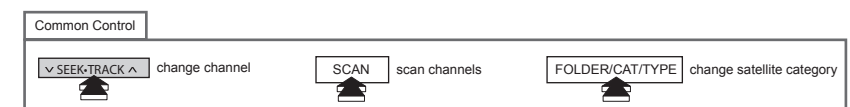
Playing music from a cell phone through MediaBridge via Bluetooth

1. Enter Bluetooth mode on MediaBridge
2. Make sure your cell phone is paired with MediaBridge
3. Select and play a song from your cell phone's music player
4. Use Track UP/DOWN to skip tracks / FF / RW songs on the AVRCP compatible phone.

Note: Some cell phones require you to manually select the option to play music via (A2DP) Bluetooth Streaming. Song information is shown on the radio display if your phone has AVRCP1.3.

Sirius Connect™ operation (available in SAT emulation mode only)

- Stations can be saved to PRESET 1-6 by holding the desired PRESET button, while listening to the station.
- TEXT button will toggle between the text fields.



• If a Sirius Connect compatible tuner is not detected, then either a "No Tuner" vehicle message is displayed, or the SIRIUS option will not be selectable. Please refer to the factory manual of your radio system about operating the Satellite mode.

• Go to Channel 000 to view the Sirius Tuner ID for activation. The 12 digit SID display format is in two halves as SID "123456-" followed by "-789ABC".

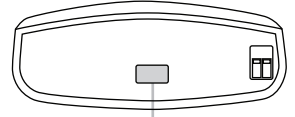
Troubleshooting

Problem	Solution
Text is not displaying in selected emulation.	Identify your audio system (refer to Installation tip section) first and set switches accordingly. Note that your vehicle may support more than one mode. Use the TEXT button on radio/display to toggle text fields.
iPod does not charge.	Check all connections. See if iPod charges while connected to computer or wall charger. You may need to reset the iPod.
Music is distorted or sound level is too low with iPod connected.	Make sure all EQ and BASS boost options are turned off on your iPod.
Why is the interface not controlling the iPod/USB drive?	Please make sure that the USB connection is not loose. Make sure that an iPod case is not preventing the dock connector from being fully seated. Disconnect and reconnect the device. If iPod is not responding please try resetting it. USB device must also be FAT16/32 format and contain supported MP3, WMA or AAC content.
Sirius tuner can't be selected.	Unit must be in SAT emulation. Check for proper connection to the mini DIN 8 receptacle.

Problem	Solution
No audio from iPod source.	Reset the iPod. Verify proper connection to iPod/interface. Check for compatibility. Older iPod models don't support USB audio.
Why does the radio display show "EMPTY/STOP" and no music plays?	End of a playlist or folder is reached. Please select a new Playlist or Folder using Preset 2/DISC 2.
Cannot select the interface.	Check DIP switch settings. With the ignition OFF disconnect vehicle harness from module for a few seconds and reconnect. Verify that the correct button is used to access the interface. On some cars the AM button is used to access SAT emulation.
Radio/ steering wheel controls do not operate iPod.	Reset iPod and make sure the most recent iPod firmware is installed. Check vehicle user manual on how steering wheel controls work, long presses may toggle alternate function.
Why does category read "PRESELCTD"?	Playback of content selected on the iPod before connected to the interface continues until new content is selected.
What size of USB flash drive should I use?	Large capacities are supported, however up to 4GB is recommended for optimal user experience.
Why does the message "iPod UNLOCKED" display on screen?	When the MediaBridge is playing iPod music in UNLOCKED mode, browsing mode information isn't available so the "iPod UNLOCKED" notification is shown. To view information associated with browsing modes, ensure the iPod's hold button is set before connecting it to MediaBridge.

Firmware update

- STEP 1: Disconnect the Media Bridge module from the vehicle.
- STEP 2: Download and install necessary software from www.diceelectronics.com
- STEP 3: Open software to follow instructions for updating Media Bridge unit.
- STEP 4: Plug in Media Bridge via mini USB cable and update.
- STEP 5: Disconnect and reinstall the unit into the vehicle.



Mini USB port for software update