

mCAR[®] User Manual

Toyota/Lexus/Scion



Car Compatibility List *

Toyota

4Runner:	1998-2011
Avalon:	1998-2010
Camry:	1998-2011
Celica:	1998-2006
Corolla:	1998-2011
Echo:	1998-2011
FJ Cruiser:	1998-2011
Highlander:	2001-2011
Land Cruiser:	1998-2009
Matrix:	2005-2011
Prius:	2004-2011
MR2:	2004-2007
RAV4:	1998-2011
Scion:	2002-2011
Sequoia:	2002-2012
Sienna:	1998-2011

Toyota

Solara:	1998-2010
Tacoma:	1998-2012
Tundra:	1998-2012
Venza:	2009-2011
Yaris:	2007-2011

Lexus

ES 300/330/350/400H:	2002-2010
GS 300/350/430/450H:	2005-2009
GX 470:	2004-2009

Scion

xA:	2004-2010
xB:	2004-2010
tC:	2005-2010
xD:	2005-2010

* The car radio should have either CD or SAT interconnect ability

1 Installation

1.1 Instructions

Install the unit by disconnecting the factory harness of the back of the radio and placing the Y harness in between the existing connections (if any) and the radio. Wire the microphone around the dashboard and place it either by the driver's door or for better sound by the rear view mirror. Connect the USB extension cable and wire it to the glove compartment or for better access replace the cigarette lighter with our patented grommet holding the USB.

1.2 Configuration

Configure the switch settings in the back of the unit as follow:

Mode	CDC installed?	SW1	SW2	SW3	SW4	Mode	Note
Non NAV	NO	OFF	ON	OFF	OFF	CDC1	PB Support
Non NAV	YES	OFF	OFF	OFF	OFF	CDC2	PB Support
Non NAV	Any	ON	Any	OFF	OFF	SAT	PB Support
NAV	NO	OFF	Any	ON	OFF	CDC1	PB Support
NAV	YES	OFF	OFF	ON	OFF	CDC2	PB Support
NAV	Yes	ON	Any	ON	OFF	SAT	PB Support
Any	Any	Any	Any	Any	ON	Any	no PB

2. Media Player

2.1 CDC Mode

Operation and control of USB devices, Bluetooth and iPod® is done through the OEM CD changer interface. If the CD changer is already installed the mCAR unit takes the CD2 changer interface and behaves as a second CD changer. The second CD changer is accessed by pressing the DISC button 2 times.

The most common radio buttons and their function in CDC mode are shown in the table below. Depends on the vehicle version some of those buttons are unavailable or more present.

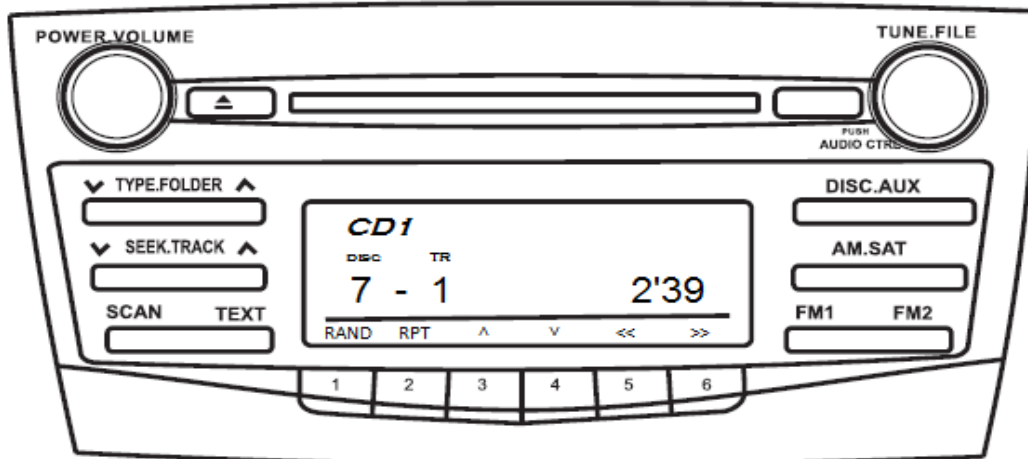
Button	Action	Note
DISC	CDC mode	Switches the radio to CD mode
Track ^	Next track	Pays the next track
Seek v	Seek song	Plays previous track
SCAN	Scan songs	No action
TEXT	Display Text	Displays album and song name if supported
1	RAND	Plays random songs (playlists)
2	RPT	Repeats song (playlist)
3	Up	Previous playlist
4	Down	Next playlist
5	<<	Rewind
6	>>	Fast Forward
5 + 1	<< + RAND	10 songs Back
6 + 1	>> + RAND	10 songs Forward

Limited Playlist access is supported in CD changer mode. When iPod is used in this mode the user can access the first 6 Playlists from the iPod. The mCAR shows the playlists as DISC 1 to DISC 6 and DISC 7 is All Songs. Those are selected by the keys 3 (^) and 4 (v) from the screen menu. If the iPod has more than 6 Playlists mCAR.TOY shows only the first 6 Playlists. Playlist functions:

Button	Plays	Note
Disc 1	Playlist #1	Sets the play to Playlist 1
Disc 2	Playlist #2	Sets the play to Playlist 2
Disc 3	Playlist #3	Sets the play to Playlist 3
Disc 4	Playlist #4	Sets the play to Playlist 4
Disc 5	Playlist #5	Sets the play to Playlist 5
Disc 6	Playlist #6	Sets the play to Playlist 6
Disc 7	All Songs	Plays all songs in alphabetical order
Disc 8	Direct Mode	Direct commands from the iPod

Disc 9	Bluetooth	Available when paired or USB disconnected
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In CDC mode when playing first from All Songs the display will look like below:



2.2 SAT Mode

In SAT mode mCAR unit will follow the SAT OEM interface. The screen will show SAT instead CD and the button functions will be identical except the screen appearance when channels (playlists) are changed with buttons 3 and 4. Playlists will look as below:

Button	Plays	Note
SAT 1-1 ch	Playlist #1	Sets the play to Playlist 1
SAT 1-2 ch	Playlist #2	Sets the play to Playlist 2
SAT 1-3 ch	Playlist #3	Sets the play to Playlist 3
SAT 1-4 ch	Playlist #4	Sets the play to Playlist 4
SAT 1-5 ch	Playlist #5	Sets the play to Playlist 5
SAT 1-6 ch	Playlist #6	Sets the play to Playlist 6
SAT 1-7 ch	All Songs	Plays all songs in alphabetical order
SAT 1-8 ch	Direct Mode	iPod screen unlock
SAT 1-9 ch	Bluetooth	Available when paired or USB disconnected

3 Handsfree

3.1 Pairing the Bluetooth Device

mCAR automatically pairs when discover a phone in range that has been previously paired to it. mCAR stores up to 8 devices in the history.

To Pair new Bluetooth Device:

Step 1: Turn on the ignition and the radio. Be sure that the USB device is either disconnected from the USB port or if connected the current playlist is 9-0 where the zero means that no Bluetooth devices are connected.

Step 2: Select the CD or SAT button on your radio (this will depend on the DIP switch setting). Be sure that the screen shows Disk 9. Then press RAND once. In few seconds you will hear voice prompt: "Please select handsfree device from mobile phone and enter pin code 0000"

Step 3: Make sure your phone or iPod Bluetooth setting is turned "on" on and it is searching for new devices. Select Car Media to pair with your device. Enter "0000" to pair. When the device is connected, you will hear voice prompt "Device Connected".

Once paired, the Car Media will automatically recognize and connect your Bluetooth device when you turn on your ignition. When connected the screen in BT mode will show 9-1. In addition, the Bluetooth module can accept list with only 8 devices.

To delete the list of paired devices and pair a new device use Random Disk On (press and hold RAND until hear beep). Car Media should tell you that the current pair list is deleted.

3.2 Incoming and Outgoing Calls

When receiving or making phone calls Car Media will mute the music and allow the phone call audio to come through your speakers. For incoming calls you will hear both your phone ring (if not on mute) and a default ringtone through your speakers and if selected followed by announcement of name of the person calling you.

To accept call press Track ^ and to reject call press Seek v as shown below:

Answering Calls Track (^)	To answer an incoming call simply push the Track (^) button on your radio or steering wheel.
Ending Calls Seek (v)	To end an incoming call push the Seek (v) button on your radio or steering wheel. You will get a similar prompt if the caller ends a call, you will hear "Call ended"

Rejecting Calls Seek (v)	To reject an incoming call push Seek (v). If you reject a call, there will be a voice prompt "Call Rejected".
Outgoing Calls	To make an outgoing call, enter Phone Book by pressing and holding SCAN. Navigate through letters with disc DN and UP and through individual name with Track / Seek. When the name is selected press and hold SCAN button

3.3 Voice Announcement

The mCAR can announce the phone number of the incoming caller. While in Bluetooth mode, toggle by press and hold SCAN button to turn the voice announcement on/off. In this case only the phone number will be announced. If the caller has a private number, no announcement will be made.

3.4 Phone Number Display

Most radios that are equipped with a TEXT button, will allow you to see the phone number of the incoming call. Press the TEXT button to show the incoming caller name and phone.

Notes:

If the car radio does not support Text Display, the phone number will not appear.
 If the caller's phone number is blocked, no number will appear.
 Some radios and phones may cause the radio to only display 8 or 9 digits.
 Not all text-capable radios will display caller's phone number.

3.5 Phone Book Management

When the phone is paired and the switch 1 is in phone book enable position the phone book is being downloaded to mCAR. Radios with text display will show LOADING on the display. It usually takes 1-3 minutes depends on the size of the phone book. After the phone book is downloaded a voice announcement "Phone Book Ready" will be heard. To enter the loaded phone book press SCAN and navigate through letters with DISK (^) and DISK (v) and through individual names with Track (^) and Seek (v). To exit from Phone Book press SCAN.

3.6 Streaming Music via A2DP

With the mCAR, you can play the audio from the Bluetooth device through the car speakers. Disconnect the USB and select the CD or SAT button and it will switch to Bluetooth mode for audio streaming. mCAR can also play music and audio from applications on your device, including Pandora, SiriusXM Radio, Youtube, Netflix, and many more.

Note:

The Bluetooth device must support A2DP in order to use audio streaming features. Please refer to your device's owner's manual for more information.

3.7 Controlling Music via AVRCP

Change songs with Track (^) button and Seek (v) button on your radio or steering wheel controls.

Shuffle, repeat playlist, and repeat song commands will be controlled directly from your Bluetooth device.

Note:

Please consider all traffic safety laws while using your device.

4 Check software version

When in 9-0 mode press RPT once to verify the unit software version.