

Owner's Manual



WARNING

DO NOT DISASSEMBLE OR ALTER

Doing so may result in an accident, fire or electric shock.

Do not block your view

Do not mount product or any added audio and/or video equipment where it can block your view through the windshield or your view of dashboard indicators and displays.

Do not block the airbag

Do not mount product or any added audio and/or video equipment where it can obstruct the operation of the safety device such as the airbag.

Distraction warning

Do not let product or any added audio and/or video equipment to distract you while you are driving.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL

Before starting any installation work, you must wait 90 seconds after turning the ignition switch to the LOCK position and disconnecting the negative (-) terminal from the battery. The supplemental restraint system (airbag) is equipped with a backup power source. If installation work is started less 90 seconds after disconnection of the negative (-)battery terminal, the SRS may deploy. When the negative (-) terminal cable is disconnected from the battery the clock and audio systems memory will be erased. Before starting installation work make a record of the clock and audio systems memory settings. When installation is complete, reset the clock and audio systems to their previous settings . Power tilt, power telescopic steering column, front power seats, power mirrors, and power shoulder belt anchorage are equipped with a memory function. The rear power seat is not equipped with a memory function. When installation is complete, it is necessary to readjust the features to their previous settings. Never use a backup power supply (such as another battery) during installation work to avoid losing these memory settings.

DO NOT SPLICE INTO ELECTRICAL CABLES

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock .

DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS

Cables or wiring that obstruct or get caught on the places such as the steering wheel, shift lever, brake pedals, etc. can be extremely hazardous.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST

Moisture or dust may result in product failure.

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS

The wiring and installation of this product requires special technical skills and experience.

USE ONLY SPECIFIED ACCESSORY PARTS

Use of other than specified parts may damage product internally.

FOLLOW THE OPERATIONAL AND INSTALLATION MANUALS.

YOU SHOULD READ AND FAMILIARIZE YOURSELF THOROUGHLY WITH THE FOLLOWING INFORMATION PRIOR TO INSTALLING AND USING THIS UNIT. IN ADDITION, YOU MUST CAREFULLY READ AND FOLLOW THE INSTALLATION SCHEMATICS/INSTRUCTIONS FOR THE PRODUCT AND THE VEHICLE IN WHICH IT IS BEING INSTALLED. FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS MAY DAMAGE THE PRODUCT AND THE VEHICLE, WILL VOID THE PRODUCT WARRANTY, MAY VOID THE VEHICLE WARRANTY

CHECK YOUR LOCAL LAWS

Some States/Provinces or other governmental jurisdictions (such as cities) may have laws that prohibit the operation of a video screen within the sight of the Driver. If you have purchased such a product, you should use the product only in locations where it is legal to do so, and if you do use the product, set up the screen so it is only visible to passengers.

(i) IMPORTANT

- The iPod/iPhone has NOT been designed to withstand automotive temperature extremes. You may damage
 your iPod/iPhone If you leave it inside the vehicle on a hot or cold day. For further information please
 refer to the iPod/iPhone specifications.
- VAIS Technology accepts no responsibility for loss of data on the iPod/iPhone, even if that data is lost while using this unit

(i) About iPod Operation

- The iPod/iPhone is charging as long as it's connected to the unit and the vehicle's ignition is "ON" or in the "Acc" position. The head unit does not have to be "ON".
- The iPod/iPhone automatically turns ON when you turn the ignition key into the "ON" or "Acc" position.
- The iPod/iPhone automatically turns OFF when the vehicle's ignition key is turned OFF. (The iPod/iPhone is paused
 and goes into Sleep mode after some period of inactivity).
- iPod/iPhone interface mode is displayed in the same way as a factory CD-changer, MiniDisc-changer or CD-MP3 Changer.

(i) About iPod Settings

 WE STRONGLY RECOMMEND THAT YOU ORGANIZE YOUR SONGS INTO PLAYLISTS FOR PROPER OPERATION OF THIS UNIT.

To avoid improper track number/text information display (Do NOT place more then 99 songs into single playlist for CD changer emulation and 999 songs for MD/CD-MP3 changer emulation) IF IPOD DOES NOT HAVE PLAYLISTS/SONGS IT MAY CAUSE UNPREDICTABLE OUTCOME AND IMPROPER OPERATION OF THE UNIT. EMPTY PLAYLISTS WILL CAUSE UNIT TO SEARCH FOR NEXT PLAYLIST WITH SONGS IN IT.

RECOMMENDATIONS

- We recommend that you set the iPod Equalizer to be "OFF".
- We recommend that you set "Sound Check" on the iPod to "ON" (if applicable).







Connections

Connecting SoundLinQ3 to head unit using 20-pin Y-harness



Connecting SoundLinQ3 to head unit using 12-pin Y-harness



To Un-plug any connector do NOT pull it by the wires.

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Installation

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We strongly recommend that you install the unit in easily accessible location. So you can later upgrade the unit or re-program it in case of incorrect programming.

Installation

- Gain access to the back of you vehicle's Head Unit.
- ... Find the same port as our Y-Harness (see "Connecting SoundLinQ3 to head unit")
- Disconnect the existing connector and plug in our Y-Harness connector into this port, then plug female end of Audio Harness to the plug in for your factory connector. Audio harness female connector is not used in some vehicles, in this case isolate unused plug to prevent accidental shortage to vehicle body.
- --- Plug the other end of Audio Harness into designated port on SoundLinQ3.
- --- Connect iPod cable as shown in the"Connecting SoundLinQ3" picture.
- --- Setup proper Emulation Mode for this unit (see "Emulation Mode Selection")
- --- Turn the car on and check SoundLinQ3 functionality and (especially Text capability) before the final assembly.
- Make sure your iPod has at least two playlists, in order for this unit to operate properly.
- --- Please mount this unit in easy accessible location for upgrading and re-programming purposes.
- --- Secure the Head Unit in its original position.

Emulation Mode Selection

MD Changer Emulation Mode programming steps:

- --- Properly install this unit.
- --- Put both programming switches in "DOWN" position.
- --- Put ignition switch into "ACC" position.
- --- Wait for long beep followed by a few short beeps. This take up to one minute.
- Return programming switches into their default position (both switches "UP").
 Wait up to 30 seconds until confirmation beep.
- --- Put ignition switch into the "OFF" position. Wait at least 10 seconds.
- --- Put ignition switch into the "ACC" or "ON" position.
- --- Check SoundLinQ3 for functionality, especially TEXT capabilities.



CD Changer Emulation Mode programming steps:

- --- Properly install this unit.
- --- Put "Right" programming switch in the "DOWN" position.
- --- Put ignition switch into the "ACC" position.
- Wait for long beep followed by a few short beeps. This may take up to one minute.
- --- Return programming switches into their default position (both switches "UP"). Wait up to 30 seconds until confirmation beep.
- --- Put ignition switch into the "OFF" position. Wait at least 10 seconds.
- --- Put ignition switch into the "ACC" or "ON" position.
- ... Check SoundLinQ3 for functionality, especially TEXT capabilities.



(i) IMPORTANT

- Improper Emulation Mode setting may cause this unit to be unrecognized by head unit.
- CD or MD Changer Emulation Mode Programming MUST BE DONE in order for the unit to find proper address location in the vehicle Audio/Video network.

Installation

CD-MP3 Emulation Mode Selection (CD-MP3 emulation)

CD-MP3 Emulation Mode programming steps:

- Properly install this unit.
- ---- Put "Left" programming switch in "DOWN" position.
- ---- Put ignition switch into the "ACC" position.
- Wait for long beep followed by a few short beeps. This may take up to one minute.
- --- Return programming switches into their default position (both switches "UP"). Wait up to 30 seconds until confirmation beep.
- --- Put ignition switch into the "OFF" position. Wait at least 10 seconds.
- --- Put ignition switch into "ACC" or "ON" position.
- --- Check SoundLinQ for functionality, especially TEXT capabilities.



Mounting unit using hook and loop fasteners



NOTE

- Hook and loop fastener are not included
- VAIS Technology strongly recomand to ground unit to the car chassis for best results

Bluetooth Connection

Connecting Android Device to SL3B

- ... On the Home screen, press the Menu key.
- ... Touch Settings
- Touch Wireless & networks
- Touch Bluetooth to turn it On
- ... Touch Bluetooth settings
- Touch Scan for devices (make sure your headset is in pairing mode).
- ... Your phone scans for available Bluetooth devices (SL3B:XX:XX)
- Touch the Bluetooth device (SL3B:XX:XX) to select it
- ... Touch the device name again to connect to it.

Connecting iPod, iPhone, iPad to SL3B

- ... From the home screen, tap Settings.
- ... Tap Bluetooth.
- ... Pair with Bluetooth
- ... Tap the Bluetooth toggle to enable the feature if it is not already active.
- ... The handset automatically searches for available Bluetooth devices.
- Tap the preferred Bluetooth device (SL3B:XX:XX).
- Pair with Bluetooth
- The Bluetooth device is now paired.

Other devices may have other requirements. Refer to the Bluetooth device's user manual for device specific requirements.

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Important Please Read!

(1) After a delay of five seconds, this product will automatically bypass the automobile manufacturer's on-screen warnings concerning use of the onboard navigation system. These warnings are: "Caution, Drive safely and obey traffic rules. Watching this screen while vehicle is in motion can lead to a serious accident. Make selections only while stopped. Some map data may be incorrect. Read safety instructions in Navigation Manual."

(2) PLEASE PRE-NOTIFY EVERY DRIVER OF THIS VEHICLE OF THE CONTENT OF THE AUTOMOBILE MANUFACTURER'S WARNING.

(3) IF YOU PREFER THAT THIS PRODUCT NOT ELIMINATE THE FOREGOING WARNINGS, YOU MAY DISABLE THIS FEATURE BY FOLLOWING THE INSTRUCTIONS IN THIS OWNER'S MANUAL.

Activate / Deactivate "I Agree" Automatic Bypass Function

Put your device in Simple Mode by rapidly pressing the [SCAN] button 8 times (MUST BE DONE within 1-2 seconds).
 Push DISC REPEAT button to hear a long beep to toggle the "I Agree" Automatic Bypass Function ON and OFF.
 (For vehicles not equipped with DISC REPEAT as a physical button, push and hold the REPEAT button until you hear a long beep to toggle the "I Agree" Automatic Bypass Function ON and OFF.

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CD/MD Changer Emulation

Source Selection

Select desired source by pressing **DISC** button on the head unit or **MODE** on the steering wheel control. (See diagram below)

Head Unit:

To switch between the unit sources you need to use "**DISC**" or "**CD**" button on the radio (Diagram below assumes factory CD changer is present).



Steering Wheel control:

To switch between the unit and radio you need to use the "MODE" button on the steering wheel control. (Diagram below assumes following sources are present).



Functionality Description

Control of connected Bluetooth Streaming Device is done through your head unit or the steering wheel controls (explained below).

This unit can be programmed in <u>CD changer emulation mode</u>, <u>MD changer emulation mode and CD-MP3 Emulation</u>. Please see attached chart to determine which emulation mode is compatible with your vehicle.



Radio Integrated into Navigation System CD-Text support

For Radio Integrated into Navigation System



CD/MD Changer Emulation

NOTE: Folder/Disc Title information may not display properly if song selected directly from the iOS device. Some applications may not refresh Folder/Disc Title when the song changes.



Select the desired track

(Maximum number of tracks is 99 for CD changer Emulation mode, 999 for MD changer Emulation mode). You can fast switch through tracks by repeatedly pressing the [TRACK+] / [TRACK-] button. The track will change after a brief pause when you stop pressing the button.

NOTE: If a playlist only contains one track, the [TRACK+] / [TRACK-] buttons will not function.

DISC+ and

DISC-

Select the desired playlist (Maximum number of playlists is 99).

You can fast switch through playlists by repeatedly pressing the [DISC+] / [DISC-] button.

The new playlist will start after a brief pause when you stop pressing the button.

NOTE: If there are no songs in a playlist the unit will jump to the next playlist.

SCROLL UP and SCROLL DOWN

Fast Forward/Rewind the song DISC SCAN

NOTE: For vehicle not equipped with [DISC+] and [DISC-] buttons, if "DISC SCAN" function is active use [SCROLL UP] and [SCROLL DOWN] as [DISC+] and [DISC-] to select the desired playlist

SCAN

NOTE: if "SCAN" function is active use [SCROLL UP] and [SCROLL DOWN] as "TRACK +10" and "TRACK -10" to select the desired song



NOTE: if "SCAN" and "DISC SCAN" function are active use [SCROLL UP] and [SCROLL DOWN] as "TRACK +50" and "TRACK -50" to select the desired song

RPT

Activates iPod "Repeat One" function

DISC RPT

Activates iPod "Repeat All" function.

NOTE: Repeats all songs in active playlist.

RAND

Activates iPod "Shuffle" function.

NOTE: Shuffle all songs in the active playlist, iPod starts playing songs from your entire playlist in random order. skipping audiobooks.

DISC RAND

Select the desired track title display mode. You can choose between Song Title, Artist Name, or Album Name. Note: Track Title information can ONLY be displayed on Radio LCD or Navigation screen that support CD or MD changers with CD-Text or MD-Text.

Displayed Errors (available only as a TEXT message)

iPod/iPhone (as a Bluetooth Device) is not connected to SL3B. Check BT Device

CD/MD Changer Emulation

NOTE: Functionality such as track information display and controls must be supported by connected device and selected application.



Select the desired track

(Maximum number of tracks is 99 for CD changer Emulation mode, 999 for MD changer Emulation mode).

You can fast switch through tracks by repeatedly pressing the [TRACK+] / [TRACK-] button.

The track will change after a brief pause when you stop pressing the button.

NOTE: Some devices/applications may not display track information correctly.

RPT

Activates "Repeat One" function

NOTE: This functionality must be supported by selected application.

DISC RPT

Activates "Repeat All" function.

- **NOTE:** Repeats all songs in current category selection.
- **NOTE:** This functionality must be supported by selected application.

RAND

Activates "Shuffle" function.

- **NOTE:** Shuffle all songs in the current category selection.
- NOTE: This functionality must be supported by selected application.

DISC RAND

Select the desired track title display mode. You can choose between Song Title, Artist Name, or Album Name. **Note:** Track Title information can ONLY be displayed on Radio LCD or Navigation screen that support CD or MD changers with CD-Text **or** MD-Text.

Displayed Errors (available only as a TEXT message)

Check BT Device Android (as a Bluetooth Device) is not connected to SL3B.

CD-MP3 Changer Emulation

Source Selection

Select desired source by pressing **DISC** button on the head unit or **MODE** on the steering wheel control. (See diagram below)

Head Unit:

To switch between the unit sources you need to use "**DISC**" or "**CD**" button on the radio (Diagram below assumes factory CD changer is present).



Steering Wheel control:

To switch between the unit and radio you need to use the "MODE" button on the steering wheel control. (Diagram below assumes following sources are present).



Functionality Description

Control of connected Bluetooth Streaming Device is done through your head unit or the steering wheel controls (explained below).

This unit can be programmed in <u>CD changer emulation mode</u>, <u>MD changer emulation mode and CD-MP3 Emulation</u>. Please see attached chart to determine which emulation mode is compatible with your vehicle.



List of folders represent either list of Playlists, Artists, Albums, Genres, Audiobooks, or Podcasts, depending on your "Browsing mode" selection.

"Browsing mode" selection:

Disc 1 - Playlists, Disc 2 - Artists, Disc 3 - Albums, Disc 4 - Genres, Disc 5 - Audiobooks, Disc 6 - Podcasts. List of files represent list of songs in each of the folder category.

This functionality is available for all 5th Gen Navigation system.

Please note all Toyota vehicles except for Prius, do not have a list of files and folders display available on the screen due to Radio limitation.



CD-MP3 Changer Emulation

NOTE: Folder/Disc Title information may not display properly if song selected directly from the iOS device. Some applications may not refresh Folder/Disc Title when the song changes.

TRACK+) and (TRACK-)

Select the desired track

(Maximum number of tracks is 999 for CD-MP3 changer Emulation mode).

You can fast switch through tracks by repeatedly pressing the [TRACK+] / [TRACK-] button.

The track will change after a brief pause when you stop pressing the button.

NOTE: If a playlist only contains one track, the [TRACK+] / [TRACK-] buttons will not function.

FOLDER+) and (FOLDER-

Select the desired playlist (Maximum number of playlists is 999).

You can fast switch through playlists by repeatedly pressing the [FOLDER+] / [FOLDER-] button.

The new playlist will start after a brief pause when you stop pressing the button.

NOTE: If there are no songs in a playlist the unit will jump to the next playlist.



Fast Forward/Rewind the song

NOTE: For vehicle not equipped with [DISC+] and [DISC-] buttons, if "SCAN" function is active use [SCROLL UP] and [SCROLL DOWN] as [DISC+] and [DISC-] to select the desired playlist (in this case [DISC+] and [DISC-] will work as a [FOLDER+] and [FOLDER-])

RPT

Activates iPod "Repeat One" function

FOLDER RPT

Press and hold the RPT button to activate playlist repeat. This mode will cause the current playlist to start over with the first track after the last track has been played, instead of moving on to the next playlist.

NOTE: Repeats all songs in active playlist.

RAND

The RAND button activates the playlist randomizer function. All tracks in the current playlist will be placed into a new, random order. The currently selected track will be renumbered to Track 1, and all subsequent tracks will be random selections from the playlist. After activating the playlist randomizer, the displayed track number does not map to the physical track number in the playlist, but rather to the new, randomized order.

NOTE: Shuffle all songs in the active playlist. iPod starts playing songs from your entire playlist in random order, skipping audiobooks.

FOLDER LIST

The FOLDER button will bring up a new display that allows you to scroll through the playlists and tracks on your iPod device. [Folder Up] or [Folder Down] will scroll through playlists, wile [File Up] or [File Down] will scroll through tracks. If a playlist contains a large number of songs, it may take some time for the data to be transferred to the head unit. This can cause the scroll buttons to become unresponsive during rapid scrolling, until data has been loaded from the iPod. **NOTE:** Some vehicles' head units do not support the Folder/File display function. In this case when you press FOLDER you will see a blank display in the Folder and File lists.

DETAIL

Pressing the DETAIL button will bring up details on the current track. It will display Album Title, Track Title, and Artist. Genre is not supported and will always be blank.

NOTE: You can switch tracks while in DETAIL view, but it will not display the current track number.

Displayed Errors (available only as a TEXT message)

Check BT Device iPod/iPhone (as a Bluetooth Device) is not connected to SL3B.

CD-MP3 Changer Emulation

NOTE: Functionality such as track information display and controls must be supported by connected device and selected application.



Select the desired track

(Maximum number of tracks is 99 for CD changer Emulation mode, 999 for MD changer Emulation mode). You can fast switch through tracks by repeatedly pressing the [TRACK+] / [TRACK-] button.

The track will change after a brief pause when you stop pressing the button.

NOTE: Some devices/applications may not display track information correctly.

RPT

Activates "Repeat One" function

NOTE: This functionality must be supported by selected application.

DISC RPT

Activates "Repeat All" function.

- NOTE: Repeats all songs in current category selection.
- **NOTE:** This functionality must be supported by selected application.

RAND

Activates "Shuffle" function.

NOTE: Shuffle all songs in the current category selection.

NOTE: This functionality must be supported by selected application.

FOLDER LIST

Information displayed in Folders/Files list does not correspond to current selection.

NOTE: Some vehicles' head units do not support the Folder/File display function. In this case when you press FOLDER you will see a blank display in the Folder and File lists.

DETAIL

Pressing the DETAIL button will bring up details on the current track. It will display Album Title, Track Title, and Artist. Genre is not supported and will always be blank.

NOTE: You can switch tracks while in DETAIL view, but it will not display the current track number.

Displayed Errors (available only as a TEXT message)

Check BT Device Android (as a Bluetooth Device) is not connected to SL3B.

Internet Radio / Third party Music Players Support for iOS 5.1+ devices

(i) IMPORTANT

To play Internet Radio or Third party Music Player applications (iOS 5.1+ device required):

- 1. Connect iPod/iPhone.
- 2. Let the iPod/iPhone "built-in" player to start playing.
- 3. Start Internet Radio/Third party Music Player application
- 4. Text information (Artist Name and Song Title) will appear on the nav display/radio LCD.
- NOTE: Some applications require manually select "Play".

For CD-MP3 Emulation "List of files" and "List of folders" will not display correct information.

TRACK+) and TRACK-

Select the desired track

NOTE: Functionality of [TRACK+] / [TRACK-] buttons are available only if iOS application supports it.

CD-MP3 Changer Emulation

FOLDER+) and FOLDER-

Will exit currently played Application and return to "built-in" iPod Player.

CD/MD Changer Emulation

DISC+ and DISC-

Will exit currently played Application and return to "built-in" iPod Player.

Additional controls

Settings Mode

Enable/Disable "Settings mode"- press the [SCAN] button 8 times (MUST BE DONE within 1-2 seconds). You will hear a long beep.

Sound Level Adjustment

- ... Enable "Settings mode"
- ... Start playing desired song by pressing the [Play/Pause] button on the connected BT Audio Device
- ... Activate "SCAN" function on the head unit
- ... Set the desired volume on the head unit
- --- While "SCAN" is active use [SCROLL UP] to increase volume and [SCROLL DOWN] to decrease volume.
- --- Sound level [01..10] will be displayed as Seconds on the head unit.
- ---- Deactivate "SCAN" function
- ... Disable "Settings mode"

NOTE: Remember, a high sound level may result in noticeable sound distortion.

Activate / Deactivate "Disc Switching Fix" Function

"Disc switching Fix" has been designed to avoid a Radio malfunctioning in some vehicles while navigating through disc selection. SL3B comes with <u>this feature activated by default</u>, and it can causes screen to go black for 0.5 sec -1.5 sec in between disc selection. It doesn't have to be ON for all vehicles. <u>Users are welcome to turn this feature OFF to determine</u> wether or not it actually needs to be ON or OFF for their vehicles.

- --- Put your device in Settings Mode by rapidly pressing the [SCAN] button 8 times (MUST BE DONE within 1-2 seconds).
- Push DISC RANDOM button to hear a long beep to toggle the "Disc Switching Fix" Function ON and OFF. (For vehicles not equipped with DISC RANDOM as a physical button, push and hold the REPEAT button until you hear a long beep to toggle the "Disc Switching Fix" Function ON and OFF.
- ... Disable "Settings mode"

Activate / Deactivate "I Agree" Automatic Bypass Function

- --- Put your device in Settings Mode by rapidly pressing the [SCAN] button 8 times (MUST BE DONE within 1-2 seconds).
- Push DISC REPEAT button to hear a long beep to toggle the "I Agree" Automatic Bypass Function ON and OFF. (For vehicles not equipped with DISC REPEAT as a physical button, push and hold the REPEAT button until you hear a long beep to toggle the "I Agree" Automatic Bypass Function ON and OFF.

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Important Please Read!

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