

iVIC-6DR Installation Manual



Model: iVIC-6DR

for 6 Generation of Toyota/Lexus Navigation System

in Vehicle Infotainment Center

Before You Start



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, eand they can make a record of the memory contents, rear power seat is not equipped with the 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 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, AND 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.

TROUBLESHOOTING

Should this product fail to operate properly, please contact your Dealer or our Customer Service Department at support@vaistech.com.

(i) IMPORTANT PLEASE READ!

WARNING

Keep in mind, vehicle's navigation touch screen differs from your Android Device touch screen. Do NOT expect the same touch sensitivity, swipe option, or multi-touch capability (zoom in, zoom out, and etc).

Swipe option is NOT available for all compatible vehicle's models, use control arrow buttons to make your selections.

This product mirrors Android Device onto the vehicle's navigation screen. Features, options, and applications varies by Android Device manufacturers.

MARNING

VAIS TECHNOLOGY SHALL NOT BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT OR CONSEQUENTIAL DAMAGES OR DAMAGES TO PERSONS OR PROPERTY ARISING OUT OF THE USE OF THE PRODUCT, OR FOR ANY LOSS OF BUSINESS OR PROFITS, EVEN IF VAIS TECHNOLOGY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. VAIS TECHNOLOGY'S LIABILITY FOR BREACH OF WARRANTY SHALL NOT EXCEED THE PURCHASE PRICE OF THE PRODUCT, NOTWITHSTANDING ANY FAILURE OF THE ESSENTIAL PURPOSE OF ANY LIMITED REMEDY.

DRIVERS OF THE VEHICLE ARE SOLELY RESPONSIBLE FOR THE SAFE OPERATION OF THE VEHICLE AND THE SAFETY OF YOU AND YOUR PASSENGERS. FOR SAFETY PURPOSES, THE FUNCTIONALITY OF THIS PRODUCT SHOULD NOT BE USED WHILE THE VEHICLE IS BEING DRIVEN. SUCH USE COULD BE A DISTRACTION TO THE DRIVER, WHICH COULD CAUSE AN ACCIDENT LEADING TO SERIOUS INJURY OR DEATH.

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. YOU SHOULD USE THE PRODUCT ONLY IN LOCATIONS WHERE IT IS LEGAL TO DO SO. ALTHOUGH VAIS TECHNOLOGY STRONGLY RECOMMENDS THAT THE FUNCTIONALITY OF THIS PRODUCT NOT BE USED AT ANY TIME WHILE THE VEHICLE IS IN MOTION, IT IS YOUR RESPONSIBILITY TO DETERMINE WHETHER THE PRODUCT CAN BE LEGALLY USED IN ANY GIVEN LOCATION. ANY USE OF THE PRODUCT IN ANY LOCATION WHERE IT IS ILLEGAL TO DO SO MAY PROHIBIT YOU FROM RECOVERING DAMAGES IN THE EVENT OF AN ACCIDENT OR MAY BE USEABLE AGAINST YOU AS EVIDENCE OF NEGLIGENCE.

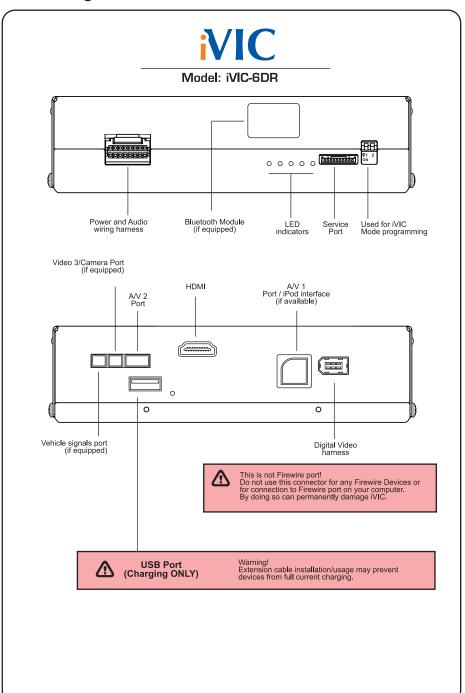
WARNING

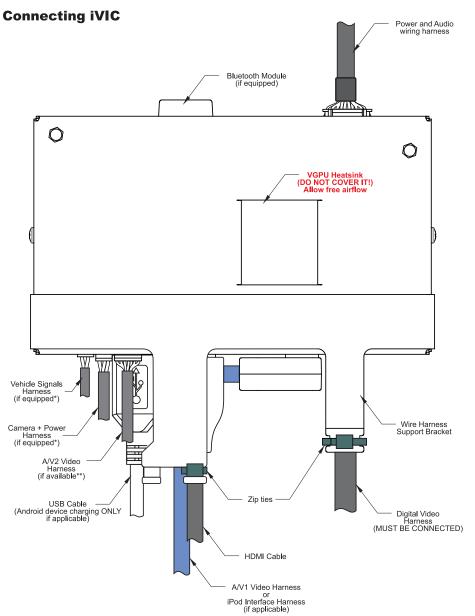
DRIVE SAFELY AND FOLLOW TRAFFIC RULES.

VAIS TECHNOLOGY AND/OR ITS OWNERS/EMPLOYEES/SHAREHOLDERS/SUPPLIERS SHALL NOT BE HELD RESPONSIBLE FOR ANY USE OF THIS PRODUCT OR ANY DIRECT AND INDIRECT CONSEQUENCES THEREOF. WATCHING THIS SCREEN AND MAKING SELECTIONS WHILE DRIVING CAN CAUSE A SERIOUS ACCIDENT, DAMAGE, OR BREAK THE LAW.

IF YOU USE THIS PRODUCT IN YOUR VEHICLE, IT IS YOUR RESPONSIBILITY TO MAKE YOUR PASSENGERS AWARE OF THE ABOVE WARNING.

Connecting iVIC

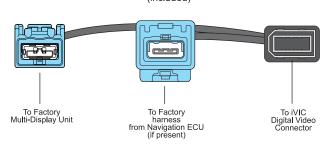




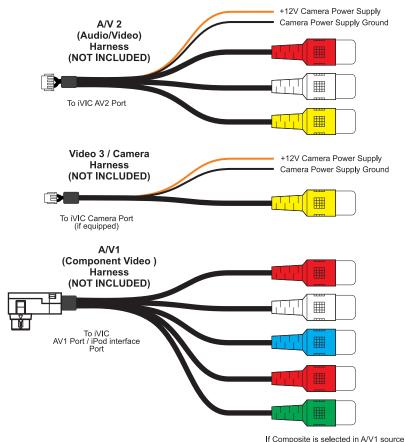


Connecting iVIC

Digital Video Harness (included)

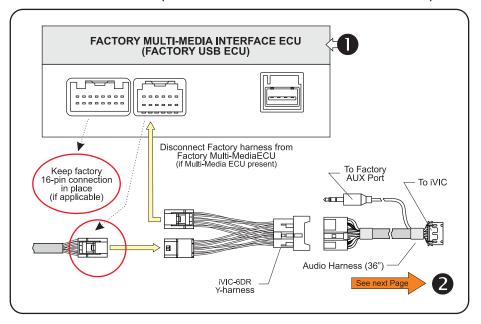


Digital Video Cable MUST BE CONNECTED to Factory Multi-Display Unit, Navigation ECU (if present), and to iVIC for proper operation of iVIC and factory components.

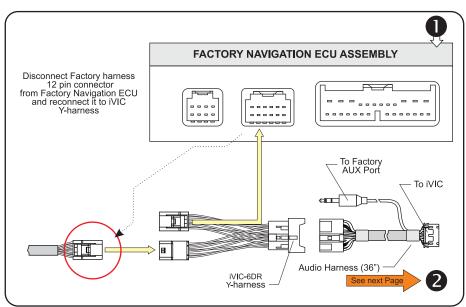


as Input Signal Type, then you must use Green connector for Composite Video

Connection to Factory MULTI-MEDIA (USB) ECU RX350/RX450h (USB ECU located on the back of the middle console)

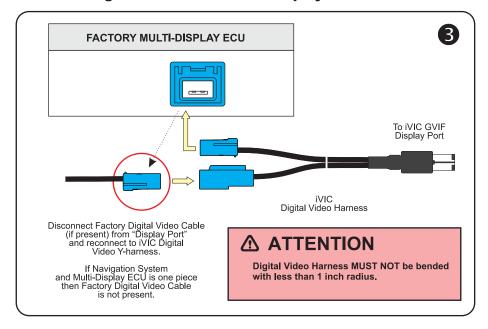


Connection to Factory Navigation ECU Assembly All Lexus models excluding RX350/RX450h



Connections 8

Connecting iVIC to Vehicle GVIF Display Port



Installation 9

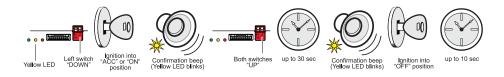


We strongly recommend that you install the unit in an easily accessible location, so you can later upgrade the unit or re-program it in case of incorrect programming.

IVIC-6DR Programming (MODE 1)

iVIC-6DR programming steps:

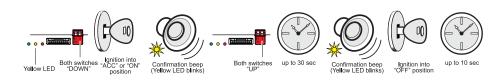
- --- Properly install iVIC-6DR unit,
- Put the "Left" programming switch in the "DOWN" position.
- Put ignition switch into the "ACC" position.
- Wait for a long beep followed by a few short beeps. This may take up to one minute.
- Return programming switches to their default position (both switches "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 iVIC for functionality



iVIC-6DR Programming (MODE 3) - for cars with Parking Assist ECU only.

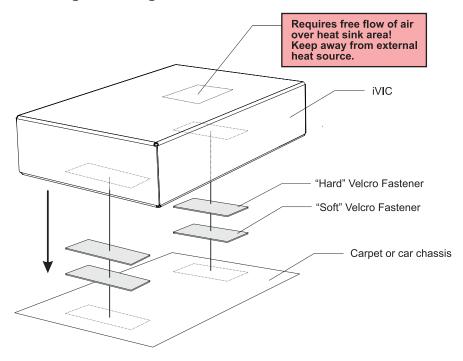
iVIC-6DR (PA mode) programming steps:

- --- Properly install iVIC-6DR unit.
- --- Put both programming switches in the "DOWN" position.
- --- Put ignition switch into the "ACC" position.
- Wait for a long beep followed by a few short beeps. This may take up to one minute.
- Return programming switches to 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 iVIC for functionality



Installation

Mounting unit using Velcro fasteners

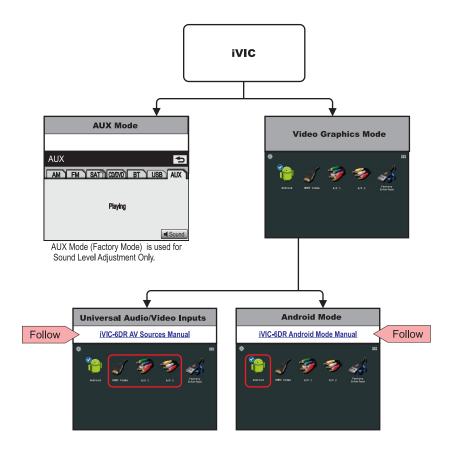


NOTE

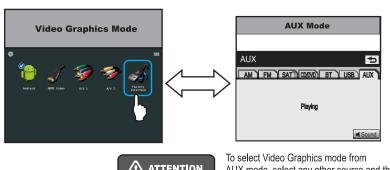


- Velcro Fasteners are not included
- VAIS Technology strongly recommends grounding the unit to the car chassis for best results.

About iVIC 11



Switching between "Video Graphics Mode" and "Factory Interface"



To select Video Graphics mode from AUX mode, select any other source and then re-select AUX source again.