



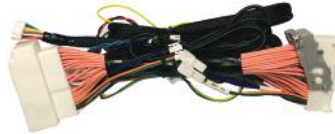
PRODUCT FEATURES:

- Smart-Play Integration system allows connection of Apple and Android phones to the Lexus infotainment system.
- Integrates Wired/ Wireless Android Auto and CarPlay.
- Utilizes factory microphone for voice controls.
- Uses the factory touch-screen for Smart-Play controls.
- Works with factory steering-wheel controls.

PARTS INCLUDED:



ACPLX-12XW Module



Power Harnesses



Smart-Play Interface Module



Optional USB Extension Cable



4K HDMI Cable



Aux Input Harness



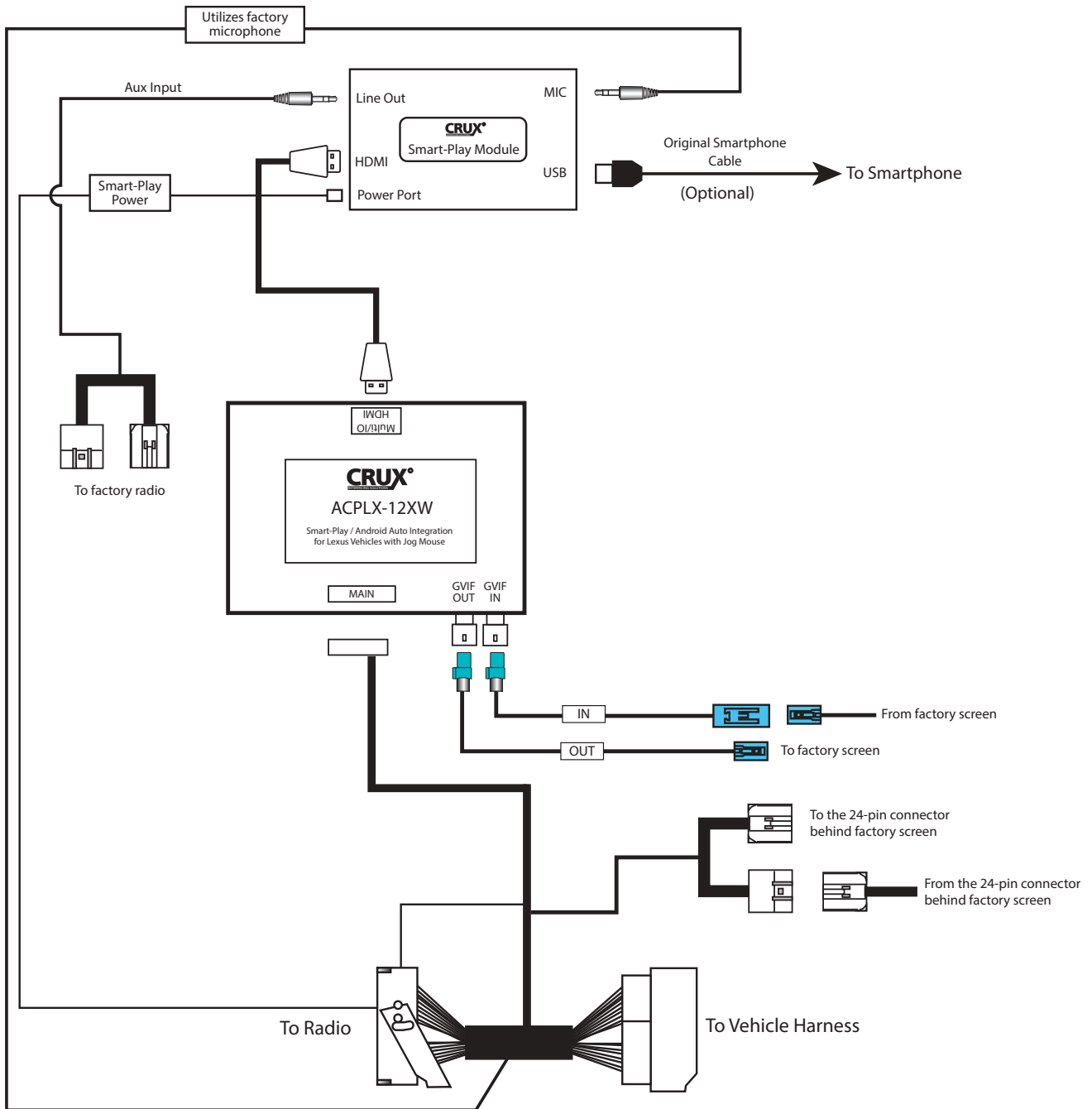
GVIF Video Cables



Noise Loop Isolator
(Not included, sold separately)



WIRING DIAGRAM:



DIP SWITCH SETTINGS:



DIP	SETTING	YEAR	VEHICLE
1	DOWN	2014-2020	Lexus GX with factory Navigation
1 & 6	DOWN	2016-2019	Toyota Landcruiser with Factory Navigation

Set "Android Auto Link:"
 to ON for Android
 Smartphone Mirroring

Set "CP" to 1024 x 600
 Set "AA" to 1024 X 600



INSTALLATION INSTRUCTIONS:

NOTE: Connections are made behind the radio and behind the screen.



1. For this install, we must get behind the radio and LCD panel.



2. Remove the right & left leather side trims along the center console.



3. Remove and unplug the start button panel.



INSTALLATION INSTRUCTIONS:

NOTE: Connections are made behind the radio and behind the screen.



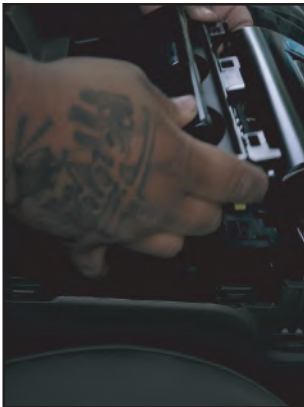
4. Pull out the center console from the back cup holder.



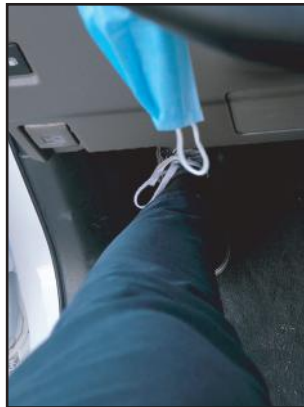
5. The radio is secured by 4 screws.



6. Plug the 62 pin t-harness provided to the factory radio.



7. Remove the AC vent and the trim around the factory screen.



8. Engage the parking brake and place the vehicle in drive. (To make room)



9. Now you can remove the center console by disconnecting its connectors.



10. Remove the two 10mm bolts on the right.



11. Remove the two 10mm bolts on the left.



12. Remove the plastic trim hiding the two remaining 10mm bolts.



INSTALLATION INSTRUCTIONS:

NOTE: Connections are made behind the radio and behind the screen.



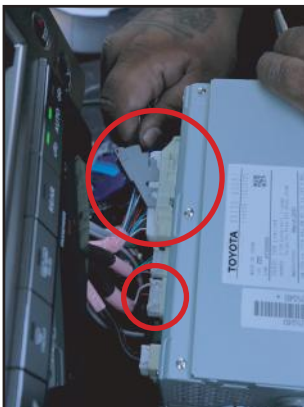
13. Remove the two remaining 10mm bolts.



14. Place a protective cloth on top of the shifter to prevent damage.



15. Remove and get behind the radio.



16. Remove the two following connectors.



17. Connect these two connectors to the CRUX harness provided in the kit.



18. Then insert the other ends of the CRUX harness in to the radio.



19. Pry open only the left side of the following trim to make room.



20. Remove the factory display panel.

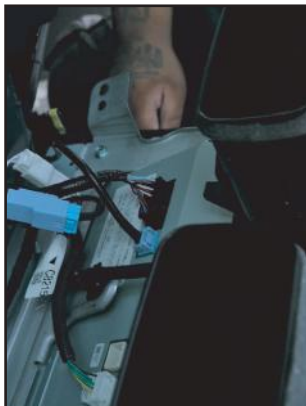


21. Remove the black and blue connectors from behind the panel.



INSTALLATION INSTRUCTIONS:

NOTE: Connections are made behind the radio and behind the screen.



22. Connect the factory GVIF cable to the GVIF IN and GVIF OUT to the screen.



23. Bridge the factory 24pin connector to the one on the CRUX harness.



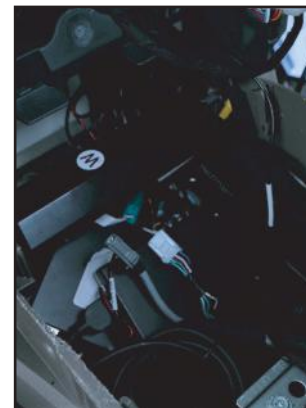
24. Power on the vehicle and set AUX as your audio source.



25. Press the NAV button to enter Smart-Play.



26. Connect your phone via lightning cable and test the features for wired CarPlay/AA or wireless Carplay/AA.



26. Once you have confirmed functionality, store the modules in the center cavity and replace all components for a flush install.

AUDIO INPUT TO VEHICLE:

The Smart-Play audio will use the vehicles auxiliary input via the factory radio connector. Make sure to plug in the 3.5mm audio connector of the ACPLX-12XW aux-in harness to the Smartplay module "Line Out" port. See diagram on page 2. Change the factory radio "Audio Source" to "AUX" in order for the Smart-Play audio to be heard on the factory audio system. Note that the factory aux input cannot be used while in Smart-Play mode. You can also connect to the Bluetooth source, but there may be audio latency depending on the quality of you vehicles bluetooth.

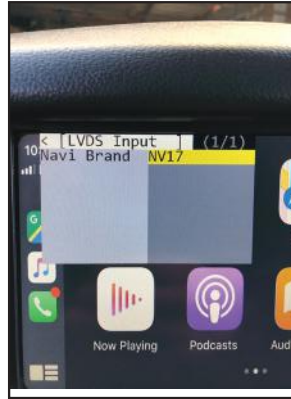
The ACPLX-12XW utilizes the factory microphone. Make sure to plug in the 3.5mm Mic OUT of the ACPLX-12XW harness to the microphone port of the Smart-Play module. See diagram on page 2.



SMARTPLAY SETTINGS



After plugging in the OSD controller, navigate down to LVDS Input and set to ON. Push RIGHT button to go to the next menu.



Set Navi Brand to NV17



Navigate the OSD back to the main menu and go to Save&Reboot then Run.

WIRELESS CARPLAY/WIRELESS ANDROID AUTO CONNECTION SETTINGS

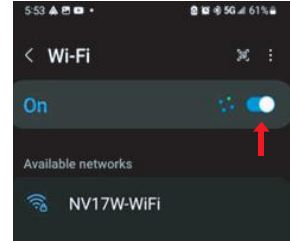
Android Auto Wireless connection



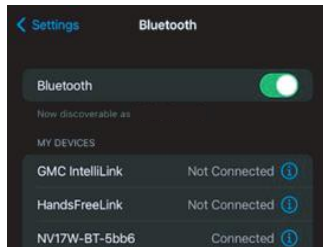
Have Android AutoLink OFF



Have wifi & Bluetooth enabled.



Apple Carplay Wireless Connection



Have wifi & Bluetooth Connected

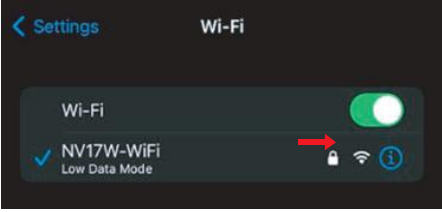
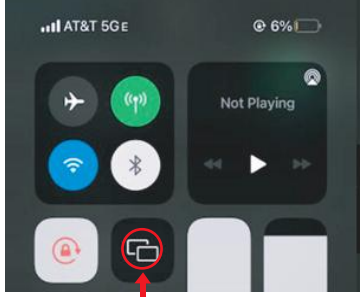
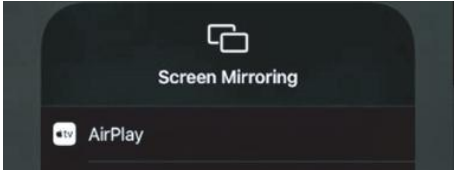
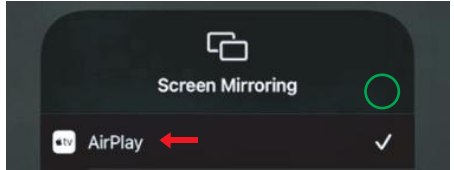


Wait for screen that will state Use Carplay with "NV17W-WIFI"


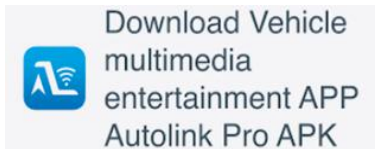


SMARTPHONE MIRRORING CONNECTION

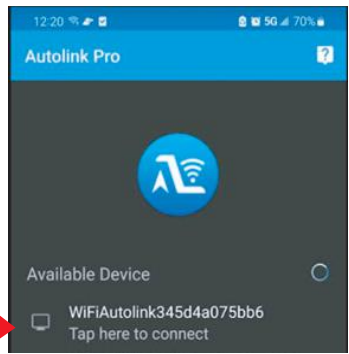
Smartphone Mirroring Connection for Iphones

 <p>Enable Wi-Fi and connect to " NV17W " module</p>	 <p>Open Control Center and Tap Screen Mirroring</p> <p>a. On iPhone X or later; iPad with iPadOS 13 or later: Swipe down from the upper-right corner of the screen.</p> <p>b. On iPhone 8 or earlier or IOS 11 or earlier: Swipe up from the bottom edge of screen</p>	 <p>Airplay will pull up on sreen mirroring app</p> <p>↓</p>  <p>Select " Airplay "</p>
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Smartphone Mirroring Connection for Androids

 <p>Enable Android AutoLink</p>	 <p>Download AutoLink Pro APP Available in the "Play Store"</p>
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On AutoLink Pro APP find the Device and Tap to Connect



Select "Start Now"

REAR AND FRONT CAMERA SETTING

[OSD setting] (1/1)

Rear Camera ON

Front Camera OFF

LVDS Input ON

Input Exten OFF

12V Output Constant

Advance SET >

Save&Reboot Run

< [Rear Camera] (1/1)

Rear Mode REAR

< [Rear Mode] (1/1)

Rear Input OEM

< [Rear Mode] (1/1)

Rear Input Aftermarket

OEM

When installing Aftermarket Rear View Camera

When the car is equipped with OEM Rear View Camera

[OSD setting] (1/1)

Rear Camera ON

Front Camera OFF

LVDS Input ON

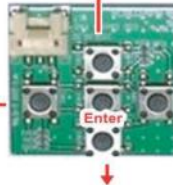
Input Exten OFF

12V Output Constant

Advance SET >

Save&Reboot Run

To Save Changes, must press this button at the end.



Dynamic Parking Guide Lines

< [Rear Set] (1/1)

Video Format NTSC

FPG (PAS) ON

PDC ON

Warning LANG ON

< [Rear Set] (1/1)

Video Format NTSC

FPG (PAS) ON

PDC ON

Warning LANG ON

To turn ON the Dynamic Parking Guide Lines, go the Rear Input > Rear Set and turn ON Warning LANG. Go back to the root menu and Run Save&Reboot. Remember to unplug the OSD Control Pad otherwise the unit will not function properly. Set the parking brake on, start the car, put the gear in reverse, turn the steering wheel all the way to the left and all the way to right then put it in the center. The ACPLX-12Z will calibrate automatically.

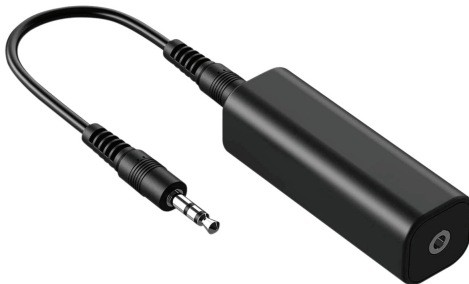
OPERATION:



PICK UP CALL	Activate Siri or Google voice command	
NAV	Long press = Activate CarPlay / Android Auto	Short press = back to OEM screen
VOL UP/DOWN	Volume Up	Volume Down
UP	Track Up	
DOWN	Track Down	

STATIC NOISE ISSUE

NOTE: For 2014-2019 GX-460 models, we recommend a noise loop isolator to connect between the audio cable and Car-Play module to avoid ground loop noise when the volume is set to a high level and audio is not playing. 2020-2021 models will not have this noise issue, and **DO NOT** need this product.



Purchase here, item sold seperately.

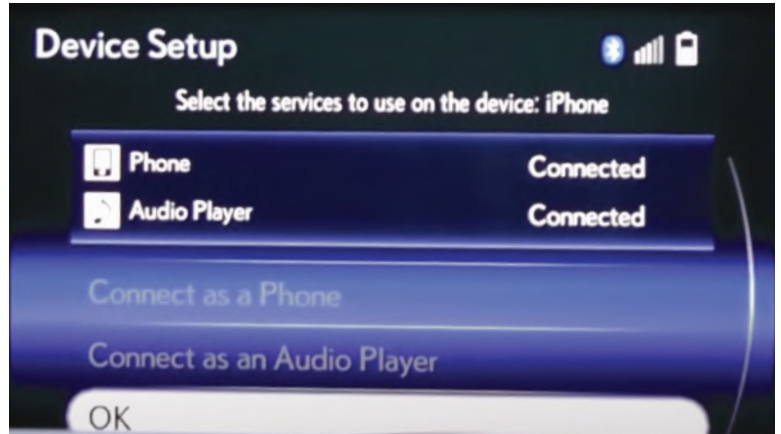
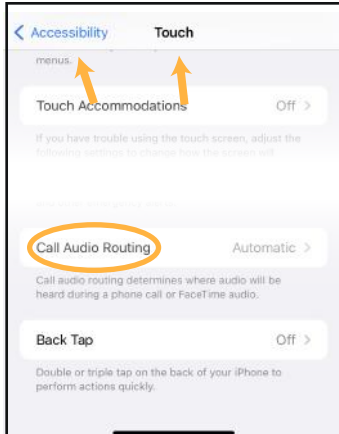
VEHICLE APPLICATIONS:

2014-2020	Lexus GX 460 (with OEM NAV)
2016-2019	Toyota Landcruiser (with OEM NAV)



TROUBLESHOOTING

*If your call audio does not use car's bluetooth, manually change it on the phone to select the vehicle during the call, then the phone should remember the last used setting



Changing the call audio routing setting to "BLUETOOTH HEADSET"

Go to Settings - Accessibility - Touch - Call Audio Routing. Keep it at "Automatic"

- 1. IF the screen is black & not showing factory infotainment screen or the CarPlay/Android Auto Screen**
 - Confirm secure connection of GVIF cables to the top monitor.
 - Confirm GVIF cables are not damaged, pinched, kinked or bent.
- 2. No trigger issue /No click heard when long hold applied on NAV**
 - Check and confirm connection of the Main Car Interface Harness and 30-pin Car Interface Harness.
 - Check and confirm no loose pins or damage to the harness. Green/RED LED Light should be visible from the Metal Box
- 3. When long hold is applied on NAV, black screen appears**
 - Confirm proper secure connection of the HDMI Cable.
 - Confirm power wire is connected on the CarPlay Box. Red LED light should be visible from the CarPlay Box.
- 4. Screen image glitching or distorted**
 - Confirm correct dip switch setting.
- 5. Hands free call quality noise and echo**
 - For iPhone, confirm the phone is connected to your vehicle via Bluetooth and keep "Call Audio Routing setting" on "Automatic"
 - For Android, confirm Bluetooth is being used for calls by observing phone's call audio output.
- 6. No sound**
 - Confirm AUX cable connection, which is on the HDMI side of the CarPlay Box.
 - Confirm Car Media Source is in AUX mode. Confirm sound output from the phone to CarPlay module.
- 7. Siri does not recognize my voice**
 - Confirm Microphone jack connection (3.5mm), which is on the USB side of the CarPlay Box.
 - Confirm that there are no wire damage.

