



INSTRUCTION MANUAL
ITZ-TOY

Wireless CarPlay and Wireless Android Auto
for select Toyota vehicles



1 - Content



• Interface



• Plug and Play Harness



• USB Harness



• WIFI Antenna

**DO NOT
MOUNT TO
METAL!**

2 - Features

- Carplay wired and wireless
- Android auto wired and wireless
- Aftermarket front camera input
- Aftermarket reverse camera input
- USB Video Player
- Smartphone mirror (Android)
- Airplay (iPhone)
- Integrated with the OEM steering wheel controls
- Unlock OE Video in Motion

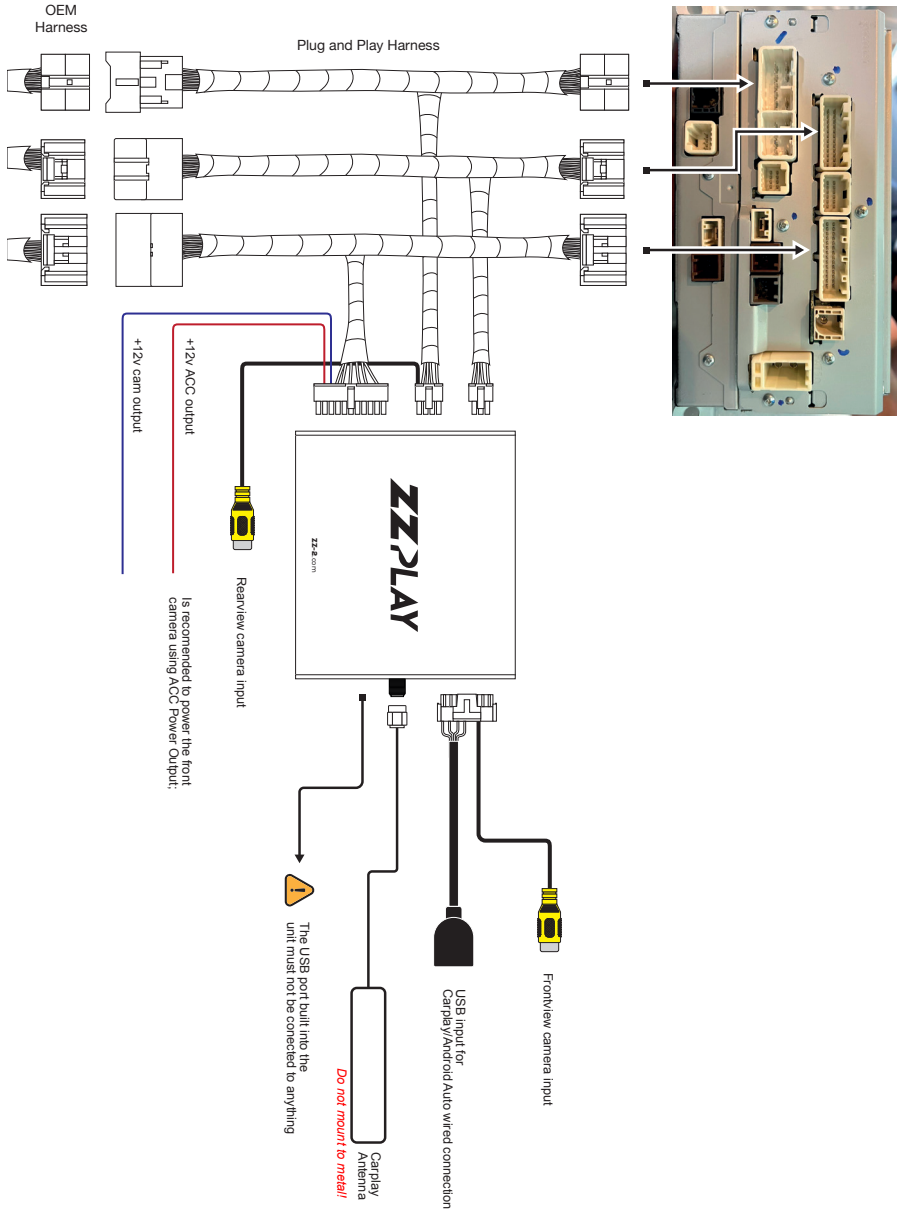
Power consumption	
Working wireless	500mA max
Working wired	2A max
Sleep	25mA max
USB output	1.5A max

4 - Dip Switch

4.1 - Settings

Dip Switch	Function	Position	Description
1	Front camera timer	ON	Enable front camera
		OFF	Disable front camera
2	Touch Screen Sensitivity	ON	Touch Screen Sensitivity 1
		OFF	Touch Screen Sensitivity 2
3	Audio button switch back to oem menu	ON	Audio button won't switch back to OEM
		OFF	Audio button switches back to OEM
4	Interface Activation Select	ON	Put ON if the Interface doesnt switch
		OFF	Default
5	Carplay adjustment 2	ON	Put ON if the unit switches to OE screen unintentionally after few moments of usage
		OFF	Default
6	OEM menu reverse camera adjustment - TEST THIS BEFORE REASSEMBLY	ON	Put ON if you have lost OE reverse camera in OE mode
		OFF	Default
7	Select SWC seek+ and seek- option, <i>for radios without swipe on touch screen</i>	ON	Seek+/Seek- will be used to navigate
		OFF	Seek+/Seek- will be used to music track control
8	Video Termination Resistance	ON	Brighter
		OFF	Darker

5 - Full Install diagram



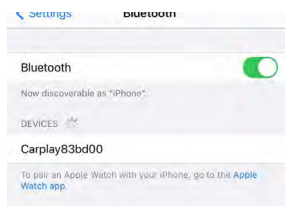
6 - How to setup Bluetooth / How to connect to Apple CarPlay

6.1 - Bluetooth setup

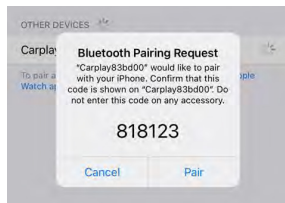
This unit is designed to be used independent from the OE radios Bluetooth system. Once installed, delete the phone from the radio and also delete the radio from the phone bluetooth connections list. OEM BT should be OFF by default in the ZZPLAY options menu.

6.2 - CarPlay Connection

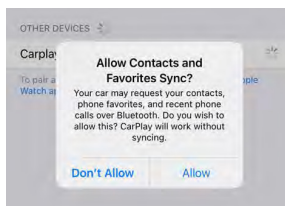
- If you would like to use a cable to connect your iPhone, please use a certified Apple cable.
- If you would like to use a wireless connectivity, please follow the next steps.
- Before pairing the iPhone with the system, please make sure you do a “hard reset” on the phone in order to prevent any malfunction. (Check phone manual/online)



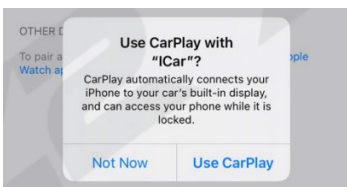
Once you are done with the previous step go to Settings > Bluetooth and the phone should be able to find a Bluetooth device called CarPlay8***** under the Other Devices.



Select CarPlay8***** and a Bluetooth Pairing Request will be displayed on the screen with a code. Select “PAIR”.



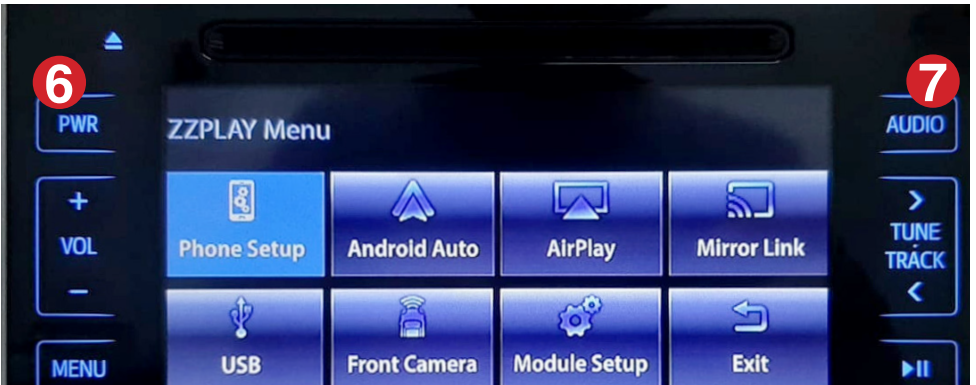
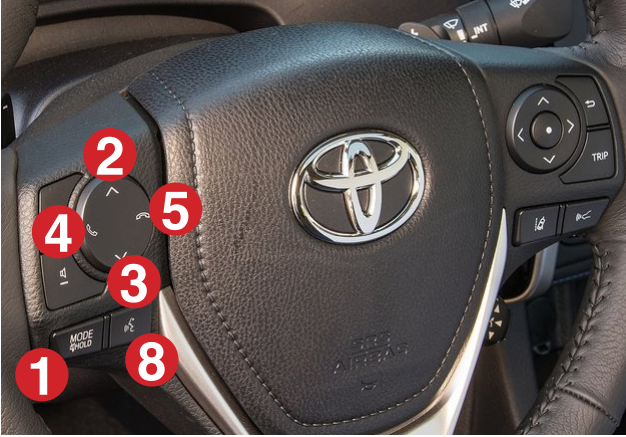
Right after the Pairing notification a new request to Sync your contact with the car will be displayed. Select “ALLOW” in order to have caller ID and access to your contacts through CarPlay.



A notification asking for a permission to connect your iPhone to the car even when the phone is locked will pop up. Select “Use CarPlay” and the CarPlay main screen should show up on the factory radio screen.

7 - Operation

7.1 - Commands



NOTE: you must be resting in AUX mode in order to switch to CarPlay from the power button.

	Time	Description	
1	Press and HOLD the button 2 seconds	Access ZZPLAY (CarPlay/AA) or Return to the OEM menu	
	Short press (< 1 sec) when in ZZPLAY	Back command to navigade on ZZPLAY, CarPlay and Android Auto	
2	Short press	Dip switch 7 ON	LEFT command to navigate on ZZPLAY, CarPlay and Android Auto
		Dip switch 7 OFF	Music track +
3	Short press	Dip switch 7 ON	RIGHT command to navigate on ZZPLAY, CarPlay and Android Auto
		Dip switch 7 OFF	Music track -
4	Short press	Answer phone call	
	Press and HOLD button for 10 seconds	Resets interface	
5	Short press	Hang UP call	
	Press and HOLD button for 5 seconds	Switch VIM OFF - default is ON	
6	Press the button short 2 times	<i>Access ZZPLAY (CarPlay/AA) or Return to the OEM menu: NOTE: MUST BE IN AUX MODE</i>	
7	Press the button short time	Return to the OEM menu	
8	Short press	Call Siri / Google assistant when in Carplay / Android Auto function	

7.2 - Notes

- If used, the front camera will show up after reverse, it will stay on for 15 seconds / 8 mph / touch the screen / press SWC mode
- The image size may vary for some radios, so during the installation, adjust it from ZZPLAY SETUP: MODULE SETUP > CARPLAY/AA SETUP > LEFT, RIGHT, TOP AND BOTTOM ADJUST
- The display adjustments (brightness, saturation, contrast) may vary for some radios so during the installation need to adjust it on the: MODULE SETUP > SYSTEM INFORMATION > DISPLAY
- As the radios displays are sensitive to very white images, verify that the display adjustment are proper: open maps and zoom in until most part of the display is white, and check if the display is showing everything without flicker. If not, decrease display adjustments (brightness, saturation, contrast) as necessary.
- Youtube app is still under development and will not function properly until further notice.
- This unit is designed to be used independent from the OE radios Bluetooth system. Once installed, delete the phone from the radio and also delete the radio from the phone Bluetooth connections list. OEM BT should be OFF by default in the ZZPLAY options menu.

Required Setup adjustments

After the system is installed and functioning, due to the various amount of Toyota screens, the scrap settings must be set and brightness may need adjustment.

SCREEN SIZE SETTINGS: Go to ZZPLAY Module Setup>Carplay/AA Setup and it will show adjustments for bringing the edge of the CarPlay/AA image to fit the current screen. Bring them in enough (and check on CarPlay/AA) so you see 100% of the image (rounded corners on CarPlay), but also so that you maximize the size of the image. Failure to do this may result in a flickering issue in some instances.



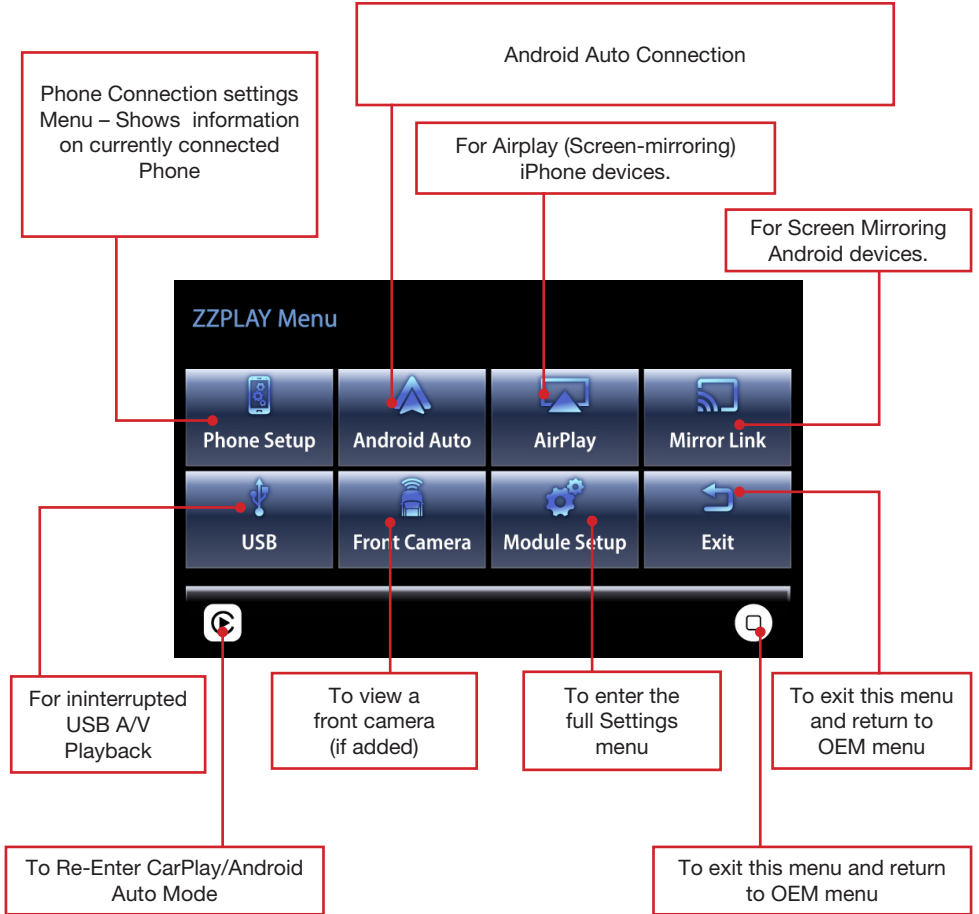
DISPLAY BRIGHTNESS SETTING: Go to ZZPLAY Module Setup System Information Brightness. For most screens, brightness must be set to 3 beneath center, and contrast must be set (1) beneath center. If the screen is still to bright to the point that flickering occurs, start over with these adjustments with DIP 8 OFF. Check mapping screens with lots of white in the image, this is where flickering will occur.

You also may need to check the factory radio's brightness & reverse camera settings, it must remain centered.



- Due to the nature of a composite video format image, the screen is sometimes too white, if the screen starts flashing (brightness up and down quickly) need to increase "TOP ADJUST" (MODULE SETUP > CARPLAY/AA SETUP) and decrease brightness, saturation and contrast (MODULE SETUP > SYSTEM INFORMATION > DISPLAY)

7.3 - Interface menu



8 - System setup

8.1 - Overview

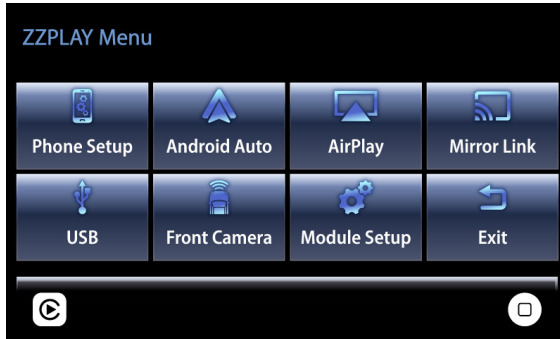
The next few pages overview the interface, navigating settings and explains entering / exiting all menus.

There are (2) menu systems that exist outside of the OE radio system:

Carplay / Android Auto



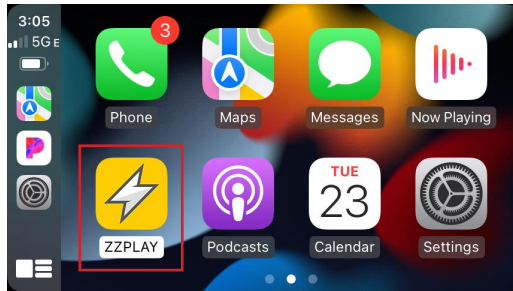
ZZPLAY Interface Menu.



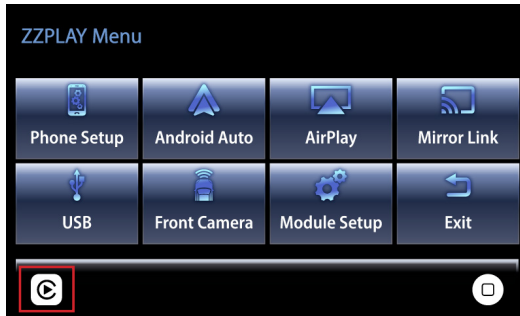
They operate independent of each other (the ZZPLAY Interface menu will function regardless of whether or not a phone is connected to the module).

8.2 - Menu access

To go back to the ZZPLAY Interface Menu from the CARPLAY system, locate the ZZPLAY tile and select it.



If a phone is paired and you've entered the ZZPLAY Interface Menu, select the Carplay/Android Auto icon on the bottom left to return to CarPlay/Android Auto mode.



8.3 - Module setup



SYSTEM INFORMATION: Inside System Information, includes Language, Display options, a Software Update prep mode (USB Updates – CONTACT US) and System Version information for this module.

AUDIO SETUP: Access audio menu adjustments

REVERSE SETUP: Access reverse camera menu adjustments

CARPLAY/AA SETUP: Access Carplay/Android Auto menu adjustments

WIFI CHANNEL: Wifi Channel (reboot required) sets the WIFI channel used to connect to the phone. If all other factors have been checked (antenna placement, Low Data Mode off, etc) and you're still having wireless connectivity problems:

1. On the phone, reset phone network settings:
SETTINGS>GENERAL>RESET>RESET NETWORK SETTINGS
2. On the interface: Set Wifi Channel (reboot required) option to '6', then reboot and test.

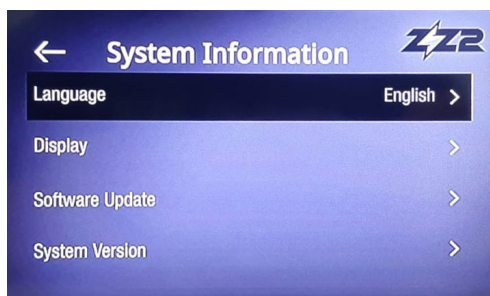
RIGHT DRIVE: Do not use

CAMERA MIRROR: Do not use

USE OEM BLUETOOTH: Activates / deactivates the option to use the OEM Bluetooth

YOUTUBE SHOW ON MENU: Activates / deactivates Youtube app icon on the menu

8.4 - System information



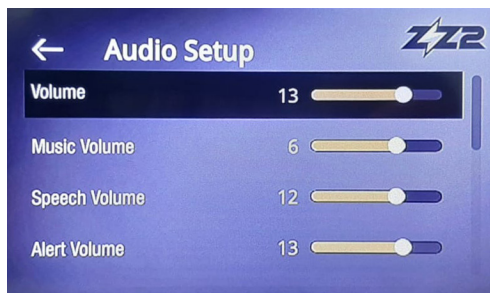
LANGUAGE: Set the menu language

DISPLAY: Display color adjustments (Brightness, contrast, saturation and chromaticity)

SOFTWARE UPDATE: Used for updating the interface via USB (Contact technical support)

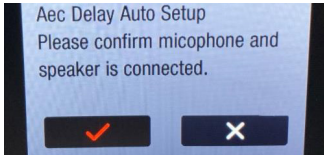
SYSTEM VERSION: Information screen stores required information when updating the module – take a picture of this if you're planning to update the unit.

8.5 - Audio



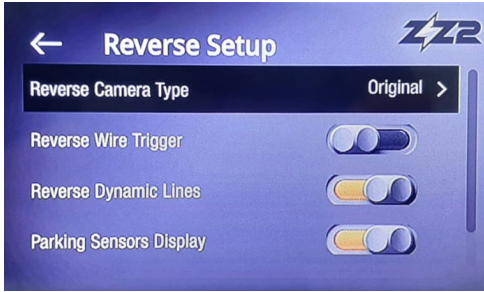
Provides audio level controls for the interface:

(Global Vol level, Music, Speech and Alert volumes are all separated out specifically for tuning the interface for the best user experience).



AEC Auto Setup will attempt to run an echo delay test automatically. For this test you cannot be on the phone to begin with, it uses a series of tones to determine how to adjust settings based on the interior of the vehicle.

8.6 - Reverse (Front and rear view cam settings) - NOT APPLICABLE FOR TOYOTA



- REVERSE CAMERA: Original
- REVERSE WIRE TRIGGER: OFF
- REVERSE DYNAMIC LINES: OFF
- PARKING SENSOR DISPLAY: OFF
- FRONT VIEW TIME: Do not change
- REVERSE MATCH ORIGINAL: Do not change

8.7 - CarPlay / AA Setup



- LEFT ADJUST: Adjust left position of CarPlay/AA screen
- RIGHT SCRAP: Adjust right position CarPlay/AA screen
- TOP SCRAP: Adjust top position CarPlay/AA screen
- BOTTOM SCRAP: Adjust bottom position CarPlay/AA screen
- AUTO DARK MODE: dims the CarPlay/AA screen based on the Phone's current setting (or gets ignored).

ENABLE CARPLAY U/D KEY: Changes certain CAN commands, DO NOT USE THIS FEATURE.



WARRANTY PROCEDURES



All of our products have 1-year-warranties. The following procedures must be conducted to ensure it's validity:



1 - Reach out to Tech Support

Get in touch with ZZ2 Tech Support through the phone or via Whatsapp, informing the invoice's code and the product's serial number and part code. In no hypothesis will the piece be replaced without previous contact with Tech Support.



2 - Technical Report

ZZ2 Tech Support must verify the problem as an equipment malfunction. The piece will not be replaced should the problem be caused by misuse, misinstallation or occasional falls caused to the product.



3 - Replacement

The new interface will be replaced via mail upon return of the malfunctioning product.



4 - Forward Replacement

In case the piece requires an urgent replacement, an invoice with the product's retail price will be emitted, being valid for 28 days following its emission. Upon the return of the malfunctioning hardware, the invoice will be automatically cancelled, otherwise it must be paid normally.





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