

NAV-TV

INTERFACING THE FUTURE

3950 NW 120th Ave, Coral Springs, FL 33065 TEL 561-955-9770 FAX 561-955-9760

www.nav-tv.com info@nav-tv.com

MY-CUE Kit

NTV-KIT457



Overview

The MY-CUE Kit allows the user to add up to 3 audio/video inputs and a backup camera input to the factory media screen in select GM vehicles equipped with either the **MYLINK** or **CUE** media systems. This kit has a dedicated rear view camera input, 3 composite (RCA) audio/video inputs, an RGB input and an AV output with AV switching. Audio integration requires that the vehicle have a factory audio input.

Kit Contents



AV Input Harness



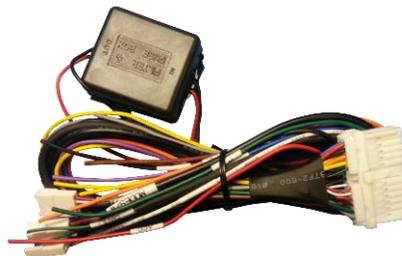
Remote



IR Eye Harness



MY-CUE Interface



Power/CAN Harness



LVDS Video cable



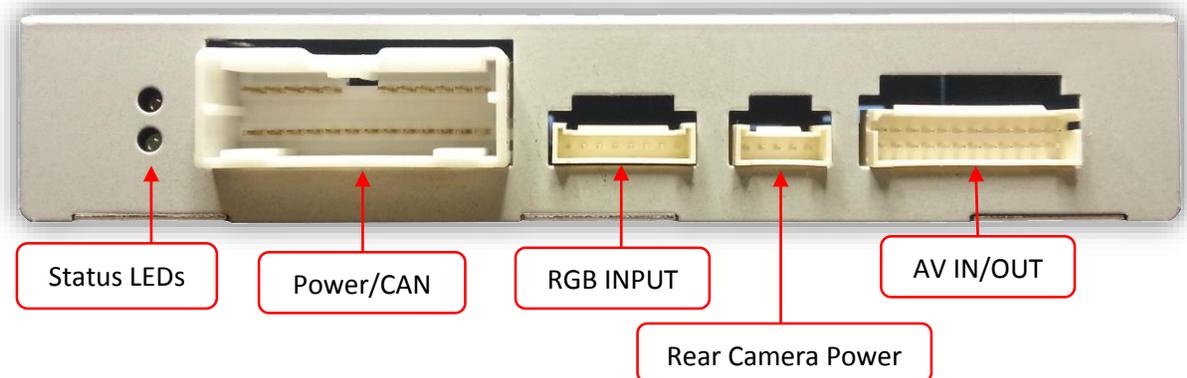
RGB Input cable



Input Toggle Switch

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Interface Connectors



Dip Switch Settings* Configure prior to installation

Dip SW:	1	2	3	4	5	6	7	8
UP	Enables RGB	Enables V1	Enables V2	Enables V3	N/A Leave up	N/A Leave up	Factory or no Rev-Cam	N/A
DOWN	Skips RGB	Skips V1	Skips V2	Skips V3	N/A	N/A	Activates aftermarket Rev-Cam	N/A Leave down



***Note: If the dip switches are not configured prior to installation you must remove power to the unit prior to making adjustments to the dip switches. When power is reconnected after the dip switch adjustment the new settings will be stored into memory.**

Installation for GM trucks and notes for all other vehicles

THIS INTERFACE INSTALLS AT THE HMI MODULE, NOT AT THE SCREEN!



Factory GM HMI (Human Machine Interface)

Known HMI Locations:

Vehicle	HMI Location
Cadillac ATS/CTS	Directly below glove box
Cadillac SRX	Below/behind glove box
Corvette	Driver's kick panel
Camaro	Beneath glove box
Silverado/Sierra	Behind glove box (high)
Colorado/Canyon	Behind screen (low)

1. GM trucks only: Remove the glove box, the HMI module is located behind it (black box with USB-type and other connectors). Remove (2x) Torx t15 screws:



2. GM trucks only: Underneath the glove box you'll find (2x) more additional Torx T15 screws firing upwards. Remove these and pull the glove box free from the dash (all that remain are clips).

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3. Remove the **blue** mini-USB connector shown here, and replace it with the blue male end of the provided LVDS cable. Make sure the connector is seated properly.



4. Plug the factory **blue** mini-USB connector into the black, female end of the provided LVDS cable.



5. Connect the white plug from the provided LVDS cable into the port on the MY-CUE interface labeled '**LVDS IN/OUT**'.
6. Connect the AV Input cable to the port on the MY-CUE interface labeled '**AV IN/OUT**'. If you're only connecting a reverse camera (and no other inputs), the signal input from the camera must connect to the RCA labeled '**REAR-C**'. Refer to the dip-switch settings chart to skip/enable AV sources upon toggle switch presses (optional. Page 2).



- a. The provided R-CAM output provides power (red) and ground (black) for the aftermarket rear view camera.
- b. If you're installing a Nav-TV **CAM 6** or **Handle Cam**, the power connector plugs directly into the MY-CUE interface port labeled '**R-CAM**'.



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7. **Optional:** Connect the remote eye to the port labeled 'IR' (on the power harness) and leave it in clear view of the driver (often it can be stuck inside a vent). This connection would be necessary if you want to be able to adjust anything from the MY-CUE interface's menu.
 - a. **While in any AV mode other than factory** (on the display screen), press the **MENU** button for **Menu 1** , or hold the **left arrow** to enter **MENU 2**.
 - b. To switch between AV modes, press the '**OK**' button.



8. **Optional:** Connect the provided momentary toggle switch to the port on the MY-CUE interface labeled '**MODE**'. Pressing this switch with the ignition on will cycle the screen modes as follows: **factory screen > NAVI (RGB) > AV1 > AV2 > AV3 > factory screen**. Please refer to the dipswitch section on page 2 for input settings.



9. Connect the MY-CUE Power harness to the interface at the port labeled '**POWER/CAN**'. Connect the RED wire to 12 volt + accessory and the BLACK wire to a clean and bare ground connection.
10. If a rear view camera is being added connect the GREY wire to the 12v + reverse signal in the vehicle (wire that shows 12 V+ only when in reverse). NOTE: when connecting to ANY vehicle with LED reverse lights YOU MUST use a relay to isolate the factory wiring from the interface. Connects are 30: output to grey wire form interface, 87: Constant 12 V + or 12 V + accessory, 85: Chassis ground, 86: Factory reverse wire, 87A No connection.
11. Start the car and test for proper functionality before replacing dash pieces.
12. **Note:** *All other included harnesses not mentioned in this manual are not needed for most installations. If you would like to know more about the full capability of this interface, contact NAV-TV tech support at 561-955-9770. Additional features not mentioned in this manual are not supported by NAV-TV at this time.*

Menu Adjustments

Before you start:

- Make sure the car's ignition is on and radio is booted/settled
- You must be in 'NAVI' (RGB), 'AV1', 'AV2' or 'AV3' mode (on display screen)
- Use the remote 'OK' button to switch modes, or use the provided input toggle switch
- Hold the **LEFT ARROW** for 3 seconds. The **Menu of FACTORY** will appear on screen.

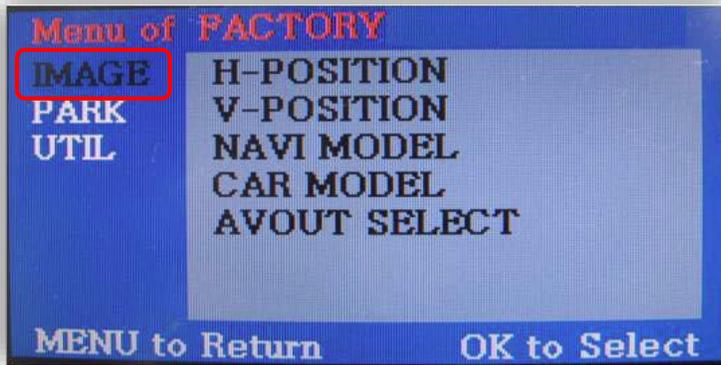
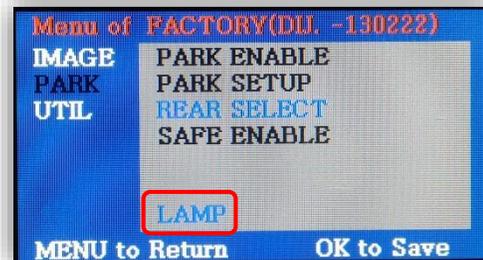
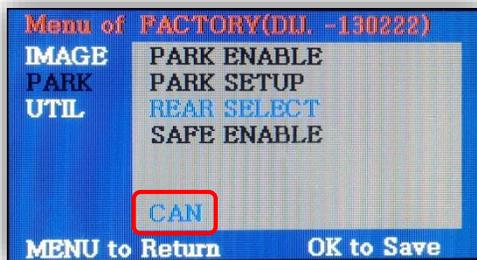


IMAGE MENU
-The only setting that may need necessary adjustment here would be **CAR MODEL** (BMW/AUDI KITS)
Note: on some kits, this option is located under 'UTIL'
-The remaining settings are optional and install dependent.



PARK MENU
PARK ENABLE: Rear-CAM guidelines ON/OFF
PARK SETUP: Rear-CAM guideline positioning
REAR SELECT: Change *rear camera activation* from CAN to LAMP (gray wire) *Note: on some kits, this option is located under 'UTIL'*
SAFE ENABLE: If 'ON', prevents AV sources from showing (unless you ground **Blue 'PARKING' wire**)

1 **Rear-Select CAN to LAMP adjustment** 2



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FAQs

Q. I cannot switch A/V sources.

A. Check IR or toggle switch connection. Check the LEDs on the interface, if nothing is lit up with vehicle ignition, check power/ground connections.

Q. All I see on the display is a black screen (no factory image pass-through).

A. Make sure the video cables (IN/OUT) are connected at the proper location (Screen/Radio/NAV DRIVE).

B. Make sure the video cables are seated all the way.

C. Make sure Dip Switches 5 & 6 are set correctly (resolution or screen size).

Q. Displayed image color is not proper (too dim or color seems wrong).

A. Try to select 'INITIAL' in OSD menu.

Q. Rear camera image does NOT appear.

A. Make certain Dip Switch #7 in set **down** for aftermarket camera, or **up** for a factory camera.

B. Try swapping the CAN connection wires. This will not do damage, if it is hooked up wrong it will only not work.

C. Make certain the camera is properly powered. Check voltage **at the camera itself**.

D. Try an alternative video source, don't assume the power/ground is correct unless you've checked it **with a multi-meter!**

E. If this is a CAN-connected module and you've connected the CAN wires, try using the gray wire (*not all interfaces have this wire!*) instead of the CAN connection for reverse activation. You'll also need to change the **Rear Select** option in the **Menu of Factory (MENU 2)** under **UTIL** or **PARK**. Refer to the **Menu Adjustments** section.

Q. Unwanted A/V mode is displayed upon a toggle press (A/V source switching order: OEM->RGB->AV1->AV2->AV3->OEM).

A. Check DIP Switch Setting. Refer to page 2.