NAV-TV

INTERFACING THE FUTURE

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UCT-84

NTV-KIT297

Overview

For select uConnect 8.4" vehicles: allows video to be displayed and navigation destination input (if equipped) while the vehicle is in motion. Optionally, activates rear camera input on the new Chrysler uConnect 8.4" touch screen equipped vehicles *(NTV-KIT314, UCT DIFF-CAM Kit required, UCT84 module requires software adjustment).*

Kit Contents

UCT84 Module
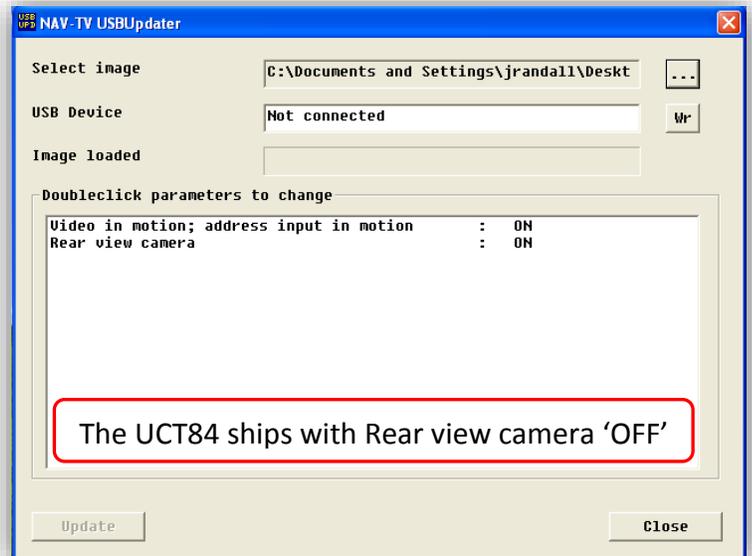*NTV-ASY166*

USB Cable
NTV-CAB009

Plug & Play Harness
NTV-HAR050

UCT-84 Module Programming

The module is shipped with Video in Motion (VIM) enabled and backup camera disabled. Any changes to the module's configuration should be done before installation. The files needed to change the configuration can be found at http://www.navtv.com/page/19/downloads.html. Be sure to follow installation instructions of the software prior to connecting the module to your computer.

Video in motion; address input in motion: In the "ON" state, video from the DVD player will be available while the vehicle is in motion. Along with navigation input in motion and Bluetooth control.
If this feature is disabled, all the above features will work in the factory operation.

Rear view camera: In the "ON" state, the backup camera port is available. When the vehicle is placed into reverse the screen will display the backup camera image (requires optional camera harness).
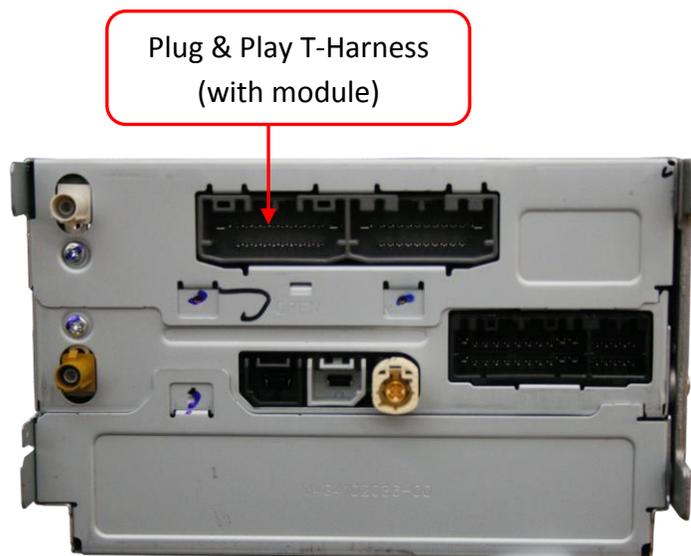
NAV-TV USBUpdater

Select image	C:\Documents and Settings\jrandall\Deskt ...
USB Device	Not connected [Wr]
Image loaded	

Doubleclick parameters to change

```
Video in motion; address input in motion     :   ON
Rear view camera                             :   ON
```

The UCT84 ships with Rear view camera 'OFF'

Update   Close

Installation

1. Remove the **radio** (only) from the dashboard. This usually requires pulling some panels and a series of screws will hold the radio into the sub-dash.
2. Disconnect all harness from the radio and set the radio aside.
3. Connect the male end of the **car's main radio harness** to the female end of the supplied **Plug & Play T-Harness**.
4. Plug the UCT84 module into the 18-pin connector attached to the plug and play harness from step 3.
5. Plug the male end of the supplied plug and play harness to the radio.
6. Reconnect the remaining plugs to the radio, remount and test for proper operation.

Fig 1

Plug & Play T-Harness
(with module)

Rear of uConnect radio

UCT-84 Module Pin Out

Pin #	Description	Color
1	12v Constant Power (+)	Yellow
2	Input 1 (Send 12v for VIM Disable)	Red
8	CAN HI (Radio side)	Pink/Black
9	CAN HI (Car side)	Blue
10	Ground (-)	Black
11	Output 1 (ACC out @ 1 amp)	White/Red
12	Output 2 (Reverse out @ 1 amp)	White/Blue
13	Output 3	White/Purple
17	CAN LO (Radio side)	Pink
18	CAN LO (Car side)	Blue/Black

18	17	16	15	14	13	12	11	10
9	8	7	6	5	4	3	2	1

Wire side

UCT-84 Operation

Video in motion is always enabled, no user interaction is required.

Video in Motion will allow:

- DVD video to be displayed while the vehicle is in motion
- Navigation input while moving
- Bluetooth operation

Note: *Navigation-based speed indication will not be available **while VIM is active***.

Rear view camera is enabled through the module programming before installation, and requires NTV-KIT413 (UCT-DIFF CAM).

Forced backup camera is not currently supported. This may be available in a future update. It will currently only work in reverse.

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