

## OPV-1C

Enables Audio/Video Input for 2005-2008 Porsche Cayenne vehicles.

What's in the box	Package Contents
<ol style="list-style-type: none"> <li>1. OPV-1C Interface module</li> <li>2. Filter Interface module</li> <li>3. OPV-1C Interface Harness (Audio)</li> <li>4. Filter Interface Harness</li> <li>5. Fakra to RCA cable (Video)</li> <li>6. Optical cable</li> <li>7. USB cable (have the "A" connector side of the cable accessible to the passenger side of the vehicle cabin, but hidden from view).</li> </ol>	<p>1. OPV-1C Interface</p> <p>2. Filter Interface</p> <p>3. OPV-1C Interface Harness</p> <p>4. Filter Interface Harness</p> <p>5. Fakra to RCA cable</p> <p>6. Optical cable</p> <p>7. USB cable</p>

Radio Removal	Radio Dash Images
<ol style="list-style-type: none"> <li>1. Remove black trim bezel around radio and climate controls with a plastic pry tool.</li> <li>2. Remove (4) T20 Torx bolts two on each side of the radio.</li> <li>3. Gently slide the radio out, being careful not to damage the connectors behind the radio.</li> <li>4. Remove all connectors from behind the radio. Each connector is keyed differently, so don't worry about their individual positions, the connectors are keyed and only fit in the radio one way.</li> </ol>	<p>Remove the Black Trim Bezel around radio and climate controls with soft (plastic) pry tool.</p> <p>Remove 4 Torx bolts 2 on each side of radio. Gently slide the radio out, being careful not to damage the connectors behind the radio.</p>

8 Pin Molex wiring guide	8 Pin Molex connector image
Pin (1) CAN High (In) – Purple wire (Vehicle side) Pin (2) CAN Low (In) – Brown wire (Vehicle side) Pin (3) Ground – Black wire Pin (4) – Video-In-Motion Trigger – White/Red wire Pin (5) – CAN High (Out) – Purple wire (Radio side) Pin (6) – CAN Low (Out) – Brown wire (Radio side) Pin (7) - +12Volt Constant Power – Red wire	

**CAN BUS Filter Installation:** In the Factory Radio Harness cut the **CAN** wires (**CAN High Orange/Purple** wire and **CAN Low Orange/Brown** wire). Connect the **Purple** wire from Pin (1) to the **Orange/Purple** wire on the Vehicle side of the factory radio harness and connect the **Brown** wire from Pin (2) to the **Orange/Brown** wire on the Vehicle side of the factory radio harness. Connect the **Purple** wire from Pin (5) to the **Orange/Purple** wire on the Radio side of the factory radio harness and connect the **Brown** wire from Pin (6) to the **Orange/Brown** wire on the Radio side of the factory radio harness. Connect **Black** wires from the interface harness and filter harness to Ground. Connect the **Red** wire from the interface harness and filter harness to +12V constant source.

Connect the **Fakra** to **RCA** cable to the **Green Fakra** connector on back of radio and the **RCA** connect to the video output of your video source.

Optional: If the Video-In-Motion needs to be selectively disabled, connect the **White/Red** wire to +12V power using a toggle switch.

### Optical Cable Connections

**Plug**

Use a pick tool to press the blue lock down from the side illustrated above and remove lock.

**Factory Optical Plug**

On the Factory Plug, repeat previous step (remove lock).

**Factory Plug**

Lift tab up to allow the Fiber Optic Lead to slide out of the factory plug on the Output side.

**Factory Plug**

Insert Optical Lead from the Input of the OPV-IR Connector into the Output of the Factory Connector (↑ to ↓).

*Before* | *After*

Plug everything back in making sure that all optical leads are locked into place and that the locks themselves are in place.

### Programming and Operating

**Programming Interface:** Press the steering wheel **Mute** button 4 times to activate the A/V functions of the interface. The radio will display **Service** and then the radio will reboot. After the reboot is completed the A/V interface will be functional.

**Operation:** Use the **AV** button to access the audio/video functions of the interface.

Press Mute Button 4 times to program interface  
Activates A/V functionality

Use the AV button to switch to A/V functions

**Agreement:** End user agrees to use this product in compliance with all State and Federal laws. NAV-TV Corp. would not be held liable for misuse of its product. If you do not agree, please discontinue use immediately and return product to place of purchase.  
**This product is intended for off-road use and passenger entertainment only.**