

NAV-TV

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BHM
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NTV-DOC352

BNT-Audio V2

NTV-KIT964



Overview

The BNT Audio Kit V2 allows the user to add auxiliary audio to the factory media systems in select Bentley vehicles. Currently this kit is not plug & play and must be manually wired in to the system.

Kit Contents



Trigger Harness
NTV-HAR350

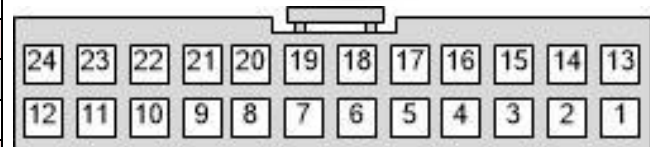


BNT Audio Switcher
NTV-ASY255

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.

AVSWv2 Pin Out

Pin #	Description	Label/Color
1	AV 1 Trigger (+)	White/Blue
2	AV 2 Trigger (+)	White/Red
3	Audio IN Right (2)	Group Label 'AV2'
4	Audio IN Left (2)	Group Label 'AV2'
5	--	--
6	Audio IN Right (signal)	Red (OEM INPUT)
7	Audio IN Left (signal)	White (OEM INPUT)
8	Audio IN Left (shield)	Black (OEM INPUT)
9	Video OUT (signal)	Group Label 'AV OUT'
10	Video OUT (shield)	Group Label 'AV OUT'
11	Video IN (2) (signal)	Group Label 'AV2'
12	Video IN (2) (shield)	Group Label 'AV2'
13	Ground (-)	Black
14	Audio IN Right (1)	Group Label 'AV1'
15	Audio IN Left (1)	Group Label 'AV1'
16	--	---
17	Audio OUT Right (signal)	White/Red (OEM OUTPUT)
18	Audio OUT Right (shield)	White/Black (OEM OUTPUT)
19	Audio OUT Left (signal)	White/Gray (OEM OUTPUT)
20	Audio OUT Left (shield)	Group Label 'AV OUT'
21	Video IN (pass) (signal)	Group Label 'AV PASS IN'
22	Video IN (pass) (shield)	Group Label 'AV PASS IN'
23	Video IN (1) (signal)	Group Label 'AV1'
24	Video IN (1) (shield)	Group Label 'AV1'

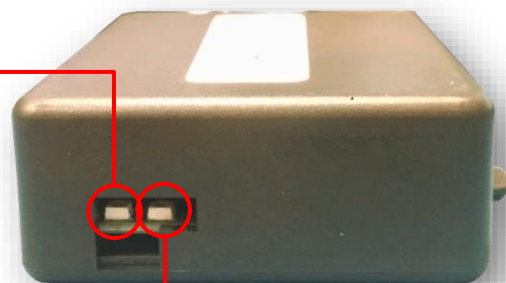


Wire Side View

AVSWv2 LED Indication

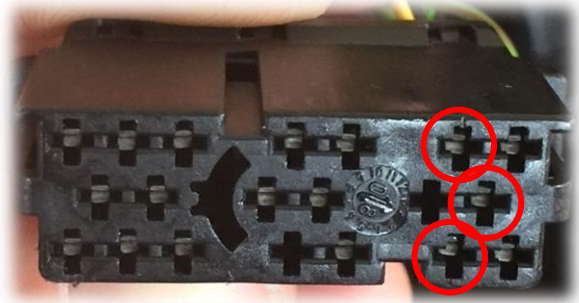
LEFT LED: emits when **AV1** is powered

RIGHT LED: emits when **AV2** is powered

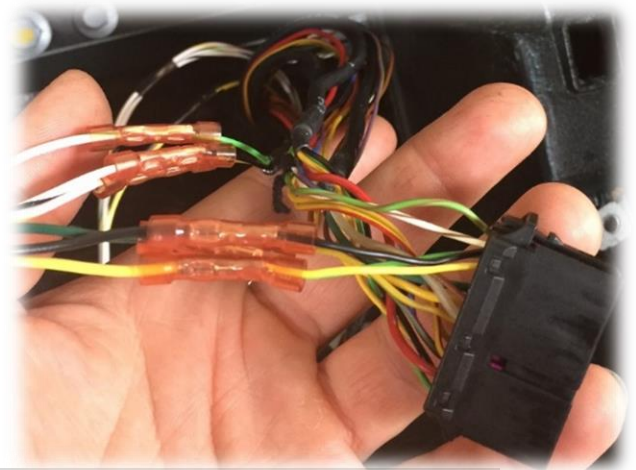


Installation

1. Remove the factory radio. This usually requires pulling panels and removing screws that secure it into the dashboard. Disconnect all associated harnesses and set the radio aside.
2. Find the **audio signal pair (3 wires)** that runs to the amplifier from the factory radio.
3. Cut the audio signal pair in half. Connect the wires from the BNT Audio switcher according to the chart and diagram on the next page.



4. From the BNT Harness, connect the black wire to Ground (-).
5. Connect the **White/Blue** wire to a 12v ACC source **through a toggle switch**.
6. Connect your AUX source to the RCA labeled 'AV1'.
7. Connect the BNT-Audio V2 module to the 22-pin connector.
8. Test functionality before reconnecting all dash pieces:
 - a. With the ignition on, go to the FM radio. Make sure audio is heard clearly.
 - b. Connect an AUX audio device to the connected RCA red/white plugs.
 - c. Play music through the AUX device.
 - d. Flip connected switch to the BNT Audio Kit. FM audio should cut away and AUX audio should be introduced instead.



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Wire Connection Chart and Install Diagram

	Wire Color	Description	Connect to CAR's:	Car wire color
Amplifier Side	Black	Shield OUT	Shield Amp Side	Black
	Red	Right Channel (+) OUT	Right Channel (+) Amp Side	Yellow
	White	Left Channel (-) OUT	Left Channel (-) Amp Side	Green
Radio Side	White/Black	Shield IN	Shield Radio Side	Black
	White/Red	Right Channel (+) IN	Right Channel (+) Radio Side	Yellow
	White/Gray	Left Channel (-) IN	Left Channel (-) Radio Side	Green

