

GROM Adapters – digital car kits for integration of the Android® Smartphone and Tablet, iPod® / iPhone®, USB Drive, Bluetooth®, MP3 player into Car Stereo System Application Guide

GROM adapters allow you to integrate USB Stick, MP3, In-Car Bluetooth, Android Phone, iPod / iPhone into car stereo system, control your portable device (except MP3 player) through CD changer controls on the Car Stereo, and get the premium digital sound quality without using FM modulators. Bluetooth will allow you to use your mobile phone hands free and get wireless music playback with integrated stereo controls. To gain Bluetooth functionality additional GROM-BTD Bluetooth Dongle is needed for USB3, IPD4, MST4 units. Bluetooth Dongle is not needed for GROM-BT3 modules, as the GROM-BT3 has integrated Bluetooth.

GROM-MST4- USB flash, Android phones, iPod/iPhone adapter. **Compatible add-ons sold separately:** Bluetooth, Aux-in cables, DAB Radio Dongle (connects to the EXT2 port).

GROM-USB3 – USB flash, Android phones, iPod/iPhone/iPad adapter. **Compatible add-ons sold separately:** Bluetooth, Aux-in cables, DAB Radio Dongle (connects to the EXT2 port).

GROM-AUX1- MP3 player, Smartphone integration.

GROM-IPD4 - Android/iPhone/iPad/iPod car integration via USB. **Compatible add-ons sold separately:** Bluetooth, Aux-in cables, DAB Radio Dongle (connects to the EXT2 port).

GROM-BT3 - Bluetooth adapter. **Compatible add-ons sold separately:** Aux-in, iPod, iPhone, iPad cables, DAB Radio Dongle (connects to the EXT2 port).

GROM-VLine - Infotainment System for Toyota/Lexus cars (*not compatible with DAB adapters*).

Digital radio (DAB) - Digital radio tuner adapter. **NOT COMPATIBLE WITH VLine infotainment system.**

Vehicle cable SKU - cable SKU included with the package with GROM USB3/AUX/IPD4/BT3 adapters

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Alfa Romeo

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
Alfa Romeo	2000-2012	Blaupunkt stereo, 376, 378, 379, 937, 947	BPTU3	BPTA1	BPTI4	BPTB3	C-BPT	DBR1	1, 2	n/a

Note: All Blaupunkt 2000-12 stereos fitted with MiniISO connector for CD changer. Blaupunkt MPxx, CDxx, Cxx, DJxx, DABxx 00-12.

1. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)

2. Steering Wheel Track Control if equipped

Aston Martin

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
DB9	2004-2009		VOLXCO	n/a	n/a	n/a	C-POF	DBR1		n/a
Vanquish S	2004-2007		VOLXCO	n/a	n/a	n/a	C-POF	DBR1		n/a
Vantage	2005-2008		VOLXCO	n/a	n/a	n/a	C-POF	DBR1		n/a

Note: Based on the Volvo XC90 2002-06 setup.

Audi

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
A2	1999-2005	No MMI; RNS-E***	AUDU3	AUDA1	AUDI4	AUDB3	C-VAGM	DBR1	2, 3	n/a
A3	2001-2009	No MMI; RNS-E***	AUDU3	AUDA1	AUDI4	AUDB3	C-VAGM	DBR1	2, 3	n/a
A4	2007-2009	MMI 2G HIGH**; MP3 support, MMI SW: 33.6.0 and newer	AUDO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
A4/S4	1998-2009	No MMI; RNS-E***	AUDU3	AUDA1	AUDI4	AUDB3	C-VAGM	DBR1	2, 3	n/a
A5/S5	2007-2009	MMI 2G HIGH**; MP3 support, MMI SW: 33.6.0 and newer	AUDO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
A6	2001-2004	No MMI; RNS-E***	AUDU3	AUDA1	AUDI4	AUDB3	C-VAGM	DBR1	2, 3	n/a
A6/S6	2004-2009	MMI 2G HIGH**; MP3 support, MMI SW: 33.6.0 and newer	AUDO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
A8	1999-2003	No MMI; RNS-E***	AUDU3	AUDA1	AUDI4	AUDB3	C-VAGM	DBR1	2, 3	n/a
A8/S8/R8	2002-2009	MMI 2G HIGH**; MP3 support, MMI SW: 33.6.0 and newer	AUDO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
Q7	2004-2009	MMI 2G HIGH**; MP3 support, MMI SW: 33.6.0 and newer	AUDO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
TT	1999-2008	No MMI; RNS-E***	AUDU3	AUDA1	AUDI4	AUDB3	C-VAGM	DBR1	2, 3	n/a
A3/A4 (Glovebox or armrest install)	2007-2009	No MMI; RNS-E***	AUDU3	AUDA1	AUDI4	AUDB3	C-VAGM	DBR1	2, 3	n/a

Note: In some Audi vehicles, a solid 3-in-1 factory connector blocks access to the CD changer port. In this case you will need to use GROM AUDS harness to gain access, available in our shop.

** MMI 2G Basic is not compatible. Please check that the CD changer function is activated on your stereo. If it is not activated you will need to contact dealer and ask to activate the CDC function.

*** Audi Navigation Plus (RNS-E model). May require VAG-COM to program "TV/CDC" settings for the RNS-E if vehicle is not currently equipped with CD changer.

1. Supports Text
2. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
3. Steering Wheel Track Control if equipped

Bentley

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
Continental GT	2004-2009	External CDC must be disconnected	VAGTU3	VAGTA1	VAGTI4	VAGTB3	C-VAGT	DBR1	1, 2, 3	n/a
Flying Spur	2005-2009	External CDC must be disconnected	VAGTU3	VAGTA1	VAGTI4	VAGTB3	C-VAGT	DBR1	1, 2, 3	n/a

1. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
2. Steering Wheel Track Control if equipped
3. Installs at the factory CD changer mounted in Glovebox

BMW / Mini

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
1 series (E81/2)	2004-2011	****	BMWO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
3 series (E46)	1997-2005	All*	BMWTU3	BMWTA1	BMWTI4	BMWTB3	C-BMWTL/BMWS	DBR1	2, 3, 4	n/a
3 series (E90/1/2/3)	2006-2011	All**	BMWO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
5 series (E39)	1997-2003	All*	BMWTU3	BMWTA1	BMWTI4	BMWTB3	C-BMWTL/BMWS	DBR1	2, 3, 4	n/a
5 series (E60/1)	2004-2010	All**	BMWO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
7 series (E38)	1998-2001	All*	BMWTU3	BMWTA1	BMWTI4	BMWTB3	C-BMWTL/BMWS	DBR1	2, 3, 4	n/a
M Coupe (E86)	1999-2002	All*	BMWTU3	BMWTA1	BMWTI4	BMWTB3	C-BMWTL/BMWS	DBR1	2, 3, 4	n/a
M Roadster (E85)	1999-2002	All*	BMWTU3	BMWTA1	BMWTI4	BMWTB3	C-BMWTL/BMWS	DBR1	2, 3, 4	n/a
M3 (E46)	1997-2005	All*	BMWTU3	BMWTA1	BMWTI4	BMWTB3	C-BMWTL/BMWS	DBR1	2, 3, 4	n/a
M3 (E90/1/2/3)	2006-2010	All**	BMWO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
M5 (E39)	2000-2003	All*	BMWTU3	BMWTA1	BMWTI4	BMWTB3	C-BMWTL/BMWS	DBR1	2, 3, 4	n/a
M5 (E60)	2004-2010	All**	BMWO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
X3 (E83)	2004-2010	All***	BMWTU3	BMWTA1	BMWTI4	BMWTB3	C-BMWTL/BMWS	DBR1	2, 3, 4	n/a
X5 (E53)	2000-2006	All*	BMWTU3	BMWTA1	BMWTI4	BMWTB3	C-BMWTL/BMWS	DBR1	2, 3, 4	n/a
X5 (E70)	2007-2010	All**	BMWO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
X6 (E71)	2008-2014	All**	BMWO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
Z3 (E36/7)	1997-2002	All*	BMWTU3	BMWTA1	BMWTI4	BMWTB3	C-BMWTL/BMWS	DBR1	2, 3, 4	n/a
Z4 (E85)	2003-2008	All***	BMWTU3	BMWTA1	BMWTI4	BMWTB3	C-BMWTL/BMWS	DBR1	2, 3, 4	n/a
Z4	2009-2010	All**	BMWO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
Z8 (E52)	2000-2003	All*	BMWTU3	BMWTA1	BMWTI4	BMWTB3	C-BMWTL/BMWS	DBR1	2, 3, 4	n/a

- * Models with DSP will require **DSP Converter from GROM Audio**. To determine if your car has DSP, check the guide at http://gromaudio.com/docs/bmw-dsp_application.pdf

- ** For BMW with fibre-optic stereos. BMW must have MP3 CDC capability. If there is no such capability, the stereo must be coded for CDC at the dealership or car audio shop.

<p>- *** Important for 2005+ BMW X3; 2006+ BMW Z4:</p>	<p>BMW X3 (E83) production date 09/2005 and up with DSP without navigation, CD changer and iPod connection BMW Z4 (E85) production date 02/2006 and up with DSP without navigation, CD changer and iPod connection BMW Z4 (E86) coupe production date 05/2006 and up with DSP without navigation, CD changer and iPod connection</p>
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These vehicles above do not require GROM DSP adapter (use analog DSP) and can be installed at stereo or boot/trunk, but audio part will not work until the stereo is programmed (retrofitted) to accept CD Changer (BMW call it "vehicle order"). Please contact your local BMW dealer and ask them to retrofit the stereo to accept CD changer.

If your car falls into the above range **and has** Navigation, CD changer **or** iPod connection, **GROM will work** without any reprogramming.

- **** BMW 1 series must have fibre optic ports available, please check. Vehicle must be coded for MP3 CDC capability.

1. Supports Text
2. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
3. Steering Wheel Track Control if equipped
4. Supports Text, All BMW monochrome radios will NOT allow for TEXT to be displayed (excludes AUX1)

Chrysler*

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
PT Cruiser	2002-2005	All*	CHR02U3	CHR02A1	CHR02I4	CHR02B3	C-CHR02	DBR1	1, 2	n/a
Sebring	2002-2005	All*	CHR02U3	CHR02A1	CHR02I4	CHR02B3	C-CHR02	DBR1	1, 2	n/a
Town Country	2002-2005	No DVD*	CHR02U3	CHR02A1	CHR02I4	CHR02B3	C-CHR02	DBR1	1, 2	n/a
Voyager	2002-2005	No DVD**	CHR02U3	CHR02A1	CHR02I4	CHR02B3	C-CHR02	DBR1	1, 2	n/a

* No Navigation (RB1, RB3 and RB4 stereo), No Premium Infinity Sound system, No RBQ stereo.

** Grand Voyager vehicles commonly use the Premium Infinity Sound System which is not supported, please contact us if not sure.

1. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
2. Steering Wheel Track Control if equipped

Citroen

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
Aircross	2012-2014	No Navigation/ No touchscreen	MITS08U3	MITS08A1	MITS08I4	MITS08B3	C-MITS08	DBR1	1	n/a
C-Crosser	2007-2012	No Navigation/ No touchscreen	MITS08U3	MITS08A1	MITS08I4	MITS08B3	C-MITS08	DBR1	1	n/a

1. Supports Text (excludes AUX1)

Dodge*

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
Caravan	2002-2005	No DVD	CHR02U3	CHR02A1	CHR02I4	CHR02B3	C-CHR02	DBR1	1, 2	n/a
Neon	2002-2005	Must have MODE button	CHR02U3	CHR02A1	CHR02I4	CHR02B3	C-CHR02	DBR1	1, 2	n/a
Ram	2002-2005	Must have MODE button	CHR02U3	CHR02A1	CHR02I4	CHR02B3	C-CHR02	DBR1	1, 2	n/a

* No Navigation (RB1, RB3 and RB4 stereo), No Premium Infinity Sound system, No RBQ stereo

1. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
2. Steering Wheel Track Control if equipped

Fiat

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
500	2007-2012	Blaupunkt stereo	BPTU3	BPTA1	BPTI4	BPTB3	C-BPT	DBR1	1, 2	n/a
Bravo II	2007-2012	Blaupunkt stereo	BPTU3	BPTA1	BPTI4	BPTB3	C-BPT	DBR1	1, 2	n/a
Croma	2007-2012	Blaupunkt stereo	BPTU3	BPTA1	BPTI4	BPTB3	C-BPT	DBR1	1, 2	n/a
Grande Punto	2005-2012	Blaupunkt stereo	BPTU3	BPTA1	BPTI4	BPTB3	C-BPT	DBR1	1, 2	n/a
Multipla	2007-2012	Blaupunkt stereo	BPTU3	BPTA1	BPTI4	BPTB3	C-BPT	DBR1	1, 2	n/a
Panda	2003-2012	Blaupunkt stereo	BPTU3	BPTA1	BPTI4	BPTB3	C-BPT	DBR1	1, 2	n/a
Punto EVO	2010-2012	Blaupunkt stereo	BPTU3	BPTA1	BPTI4	BPTB3	C-BPT	DBR1	1, 2	n/a
Sedici	2006-2012	Blaupunkt stereo	BPTU3	BPTA1	BPTI4	BPTB3	C-BPT	DBR1	1, 2	n/a

Note: All Blaupunkt 2000-12 stereos fitted with MiniISO connector for CD changer. Blaupunkt MPxx, CDxx, Cxx, DJxx, DABxx 00-12.

1. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
2. Steering Wheel Track Control if equipped

Ford

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
C-Max	2003	Sony radio	FRDEUU3	n/a	FRDEUI4	n/a	C-FRDEU	DBR1	1, 2	n/a
C-Max	2003-2007	6000CD with AUX button radio	FRDEUU3	n/a	FRDEUI4	n/a	C-FRDEU	DBR1	1, 2	n/a
Fiesta Mk6	2005-2009	6000CD with AUX button radio serial starts with M, L, A, N	FRDEUU3	n/a	FRDEUI4	n/a	C-FRDEU	DBR1	1, 2	n/a
Focus Mk2	2004-2007	6000CD with AUX button radio	FRDEUU3	n/a	FRDEUI4	n/a	C-FRDEU	DBR1	1, 2	n/a
Fusion	2002-2010	6000CD radio with AUX button serial starts with M, L, A, N	FRDEUU3	n/a	FRDEUI4	n/a	C-FRDEU	DBR1	1, 2	n/a
Galaxy	2006-2007	6000CD with AUX button radio	FRDEUU3	n/a	FRDEUI4	n/a	C-FRDEU	DBR1	1, 2	n/a
Mondeo Mk3	2003-2007	6000CD with AUX button radio	FRDEUU3	n/a	FRDEUI4	n/a	C-FRDEU	DBR1	1, 2	n/a
Ranger	2003-2008		MAZU3	MAZA1	MAZI4	MAZB3	MAZ02	DBR1	1, 2	n/a
S-Max	2006-2007	6000CD with AUX button radio	FRDEUU3	n/a	FRDEUI4	n/a	C-FRDEU	DBR1	1, 2	n/a
Tourneo	2006-2007	6000CD with AUX button radio	FRDEUU3	n/a	FRDEUI4	n/a	C-FRDEU	DBR1	1, 2	n/a
Tourneo Connect	2009	6000CD with AUX button radio serial starts with M, L, A, N	FRDEUU3	n/a	FRDEUI4	n/a	C-FRDEU	DBR1	1, 2	n/a
Transit	2006-2007	6000CD with AUX button radio	FRDEUU3	n/a	FRDEUI4	n/a	C-FRDEU	DBR1	1, 2	n/a
Transit / Connect	2009-2010	6000CD with AUX button radio serial starts with M, L, A, N	FRDEUU3	n/a	FRDEUI4	n/a	C-FRDEU	DBR1	1, 2	n/a

1. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
2. Steering Wheel Track Control if equipped

Honda*

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
Accord	1992-1997	CD changer capable	MBUSDU3	MBUSDA1	MBUSDI4	MBUSDB3	C-HON92	DBR1	1	n/a
Accord	2003-2012	All	HON1U3	HON1A1	HON1I4	HON1B3	C-HON1M	DBR1	1, 2, 3	n/a
Accord	1998-2002	No built-in changer	MBUSU3	MBUSA1	MBUSI4	MBUSB3	C-MBUS	DBR1	1, 2	n/a
Civic	1992-1998	CD changer capable	MBUSDU3	MBUSDA1	MBUSDI4	MBUSDB3	C-HON92	DBR1	1	n/a
Civic	1999-2005	No built-in changer	MBUSU3	MBUSA1	MBUSI4	MBUSB3	C-MBUS	DBR1	1, 2	n/a
Civic	2006-2014	All	HON1U3	HON1A1	HON1I4	HON1B3	C-HON1M	DBR1	1, 2, 3	n/a
CR-V	1997-1998	CD changer capable	MBUSDU3	MBUSDA1	MBUSDI4	MBUSDB3	C-HON92	DBR1	1	n/a
CR-V	1999-2004	No built-in changer	MBUSU3	MBUSA1	MBUSI4	MBUSB3	C-MBUS	DBR1	1, 2	n/a
CR-V	2005-2014	All	HON1U3	HON1A1	HON1I4	HON1B3	C-HON1M	DBR1	1, 2, 3	n/a
Jazz	2001-2004	No built-in changer	MBUSU3	MBUSA1	MBUSI4	MBUSB3	C-MBUS	DBR1	1, 2	n/a
Jazz	2005-2012	All	HON1U3	HON1A1	HON1I4	HON1B3	C-HON1M	DBR1	1, 2, 3	n/a
FRV	2004-2012	All	HON1U3	HON1A1	HON1I4	HON1B3	C-HON1M	DBR1	1, 2, 3	n/a
HRV	1999-2001	No built-in changer	MBUSU3	MBUSA1	MBUSI4	MBUSB3	C-MBUS	DBR1	1, 2	n/a
HRV	2002-2006	All	HON1U3	HON1A1	HON1I4	HON1B3	C-HON1M	DBR1	1, 2, 3	n/a
Insight	2000-2006	CD changer capable	MBUSU3	MBUSA1	MBUSI4	MBUSB3	C-MBUS	DBR1	1, 2	n/a
Insight	2008-2014	All	HON1U3	HON1A1	HON1I4	HON1B3	C-HON1M	DBR1	1, 2, 3	n/a
Integra	1999-2003	No built-in changer	MBUSU3	MBUSA1	MBUSI4	MBUSB3	C-MBUS	DBR1	1, 2	n/a
Integra	2005-2012	All	HON1U3	HON1A1	HON1I4	HON1B3	C-HON1M	DBR1	1, 2, 3	n/a
NSX	2005-2012	CD changer capable	MBUSDU3	MBUSDA1	MBUSDI4	MBUSDB3	C-HON92	DBR1	1	n/a
Prelude	1992-1998	CD changer capable	MBUSDU3	MBUSDA1	MBUSDI4	MBUSDB3	C-HON92	DBR1	1	n/a
Prelude	1999-2002	No built-in changer	MBUSU3	MBUSA1	MBUSI4	MBUSB3	C-MBUS	DBR1	1, 2	n/a
S2000	2000-2003	all	MBUSU3	MBUSA1	MBUSI4	MBUSB3	C-MBUS	DBR1	1, 2	n/a
S2000	2004-2011	all	HON1U3	HON1A1	HON1I4	HON1B3	C-HON1M	DBR1	1, 2, 3	n/a

1. Must disconnect External mounted CD changer with CDC emulation firmware
2. Steering Wheel Track Control if equipped
3. Retains Built-in CD Player/Changer

Jeep*

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
Grand Cherokee	2002-2004	Must have MODE button	CHR02U3	CHR02A1	CHR02I4	CHR02B3	C-CHR02	DBR1	1, 2	n/a
Liberty	2002-2007	Must have MODE button**	CHR02U3	CHR02A1	CHR02I4	CHR02B3	C-CHR02	DBR1	1, 2	n/a
Wrangler	2002-2006	Must have MODE button	CHR02U3	CHR02A1	CHR02I4	CHR02B3	C-CHR02	DBR1	1, 2	n/a

* No Navigation (RB1, RB3 and RB4 stereo), No Premium Infinity Sound system, No RBQ stereo.

** Liberty vehicles commonly use the Premium Infinity Sound System which is not supported, please contact us if not sure.

1. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
2. Steering Wheel Track Control if equipped

Lancia

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
Musa	2004-2012	Blaupunkt stereo	BPTU3	BPTA1	BPTI4	BPTB3	C-BPT	DBR1	1, 2	n/a
Ypsilon	2003-2012	Blaupunkt stereo	BPTU3	BPTA1	BPTI4	BPTB3	C-BPT	DBR1	1, 2	n/a

1. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
2. Steering Wheel Track Control if equipped

Lexus

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility**	Notes for USB3/AUX1/IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
ES 300/330/350	1999-2001	non-Nakamichi only	TOYFU3	TOYFA1	TOYFI4	TOYFB3	C-TOYF	DBR1	2	n/a
ES 300/330/350	2002-2003	All	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	1, 2	n/a
ES 300/330/350	2004	All	TOYLU3	TOYLA1	TOYLI4	TOYLB3	C-LEX	DBR1	1, 2, 3	n/a
ES 300/330/350	2005-2006	All	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
ES 300/330/350	2007-2012	All / for VLine only with touchscreen	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	LEX5VL1
GS 300/400/430	2001-2005	All / for VLine only with navigation	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	n/a	LEX3VL1
GS 300/350/430	2006	All / for VLine only with navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	LEX4VL1
GS 350/430/450H/460	2007-2012	All / for VLine only with touchscreen	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	LEX5VL1
GX 470	2003-2004	All / for VLine only with navigation	TOYLU3	TOYLA1	TOYLI4	TOYLB3	C-LEX	DBR1	1, 2, 3	LEXGXVL1
GX 470	2005-2006	All / for VLine only with navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	LEX4VL1
GX 470	2007-2012	All / for VLine only with touchscreen	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	LEX5VL1
IS 200/250/300	1999-2005	All	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	1, 2	n/a
IS 200/250/300/350	2006-2009	All / for VLine only with touchscreen	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	LEX5VL1
IS 250/300/350	2010-2013	No Navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
LS 430	2001-2003	All	TOYLU3	TOYLA1	TOYLI4	TOYLB3	C-LEX	DBR1	1, 2, 3	n/a
LS 430	2004-2007	All / for VLine only with navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	LEX4VL1
LS 460	2007-2009	with Parking Assist and Touchscreen only	n/a	n/a	n/a	n/a	n/a	DBR1	n/a	LEX5VL1
LS 600H	2008-2009	with Parking Assist and Touchscreen only	n/a	n/a	n/a	n/a	n/a	DBR1	n/a	LEX5VL1
LX 470	2001-2003	All / for VLine only with navigation	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	1, 2	LEX3VL1
LX 470	2004-2007	All / for VLine only with navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	LEX4VL1
LX 570	2008-2009	only with touchscreen	n/a	n/a	n/a	n/a	n/a	DBR1	n/a	LEX5VL1
RX 300/330*	1999-2001	non-Nakamichi only	TOYFU3	TOYFA1	TOYFI4	TOYFB3	C-TOYF	DBR1	2	n/a
RX 300/330*	2002-2003	non-Nakamichi only / for VLine only with navigation	TOYFU3	TOYFA1	TOYFI4	TOYFB3	C-TOYF	DBR1	2	LEX3VL1
RX 330/400H	2004-2006	All / for VLine only with navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	LEX4VL1
RX 330/350/400H	2007-2009	All / for VLine only with touchscreen	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	LEX5VL1
RX 300/330	2001-2003	non-Nakamichi only / for VLine only with navigation	TOYFU3	TOYFA1	TOYFI4	TOYFB3	C-TOYF	DBR1	2	LEX3VL1
SC 430	2005-2012	All	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2	n/a

Note1: TOYF cable is for glove box or armrest installations only. Make sure the CD changer extension port is available. "AD..." firmware is needed.

1. Supports Text on stereos with "TEXT" button (excluded AUX1)
2. Must disconnect and lose External mounted CD changer if equipped (Retains Built-in CD Player/Changer)
3. Steering Wheel Track Control if equipped

**** DAB dongles are NOT compatible with Vline infotainment system**

Mazda

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
3	2004-2008	* All	MAZU3	MAZA1	MAZI4	MAZB3	C-MAZ02S	DBR1	1, 2	n/a
3	2008-2013	MP3 marked stereo	MAZ8U3	n/a	MAZ8I4	n/a	C-MAZM	n/a	2, 3, 4	n/a
5	2009-2012	MP3 marked stereo	MAZ8U3	n/a	MAZ8I4	n/a	C-MAZM	n/a	2, 3, 4	n/a
5	2005-2008	* All	MAZU3	MAZA1	MAZI4	MAZB3	C-MAZ02S	DBR1	1, 2	n/a
6	2009-2012	Must have AUX button	MAZ8U3	n/a	MAZ8I4	n/a	C-MAZM	n/a	2, 3, 4	n/a
6	2003-2008	Some 03-05 require change on the radio	MAZU3	MAZA1	MAZI4	MAZB3	C-MAZ02S	DBR1	1, 2	n/a
B-Series Pickup	2003-2008	* All	MAZU3	MAZA1	MAZI4	MAZB3	C-MAZ02S	DBR1	1, 2	n/a
CX-7	2007-2008	no navigation	MAZU3	MAZA1	MAZI4	MAZB3	C-MAZ02S	DBR1	1, 2	n/a
CX-7	2009-2012	no navigation	MAZ8U3	n/a	MAZ8I4	n/a	C-MAZM	n/a	2, 3, 4	n/a
CX-9	2007-2008	no navigation	MAZU3	MAZA1	MAZI4	MAZB3	C-MAZ02S	DBR1	1, 2	n/a
MX5	2002-2008	* All	MAZU3	MAZA1	MAZI4	MAZB3	C-MAZ02S	DBR1	1, 2	n/a
MPV	2002-2008	* All	MAZU3	MAZA1	MAZI4	MAZB3	C-MAZ02S	DBR1	1, 2	n/a
Protégé 02	2002-2003	* All	MAZU3	MAZA1	MAZI4	MAZB3	C-MAZ02S	DBR1	1, 2	n/a
RX-8	2004-2008	See note 3 below	MAZU3	MAZA1	MAZI4	MAZB3	C-MAZ02S	DBR1	1, 2	n/a
Tribute	2002-2008	* All	MAZU3	MAZA1	MAZI4	MAZB3	C-MAZ02S	DBR1	1, 2	n/a

* Not compatible with MP3 stereo in Mazda 2008 and up.

Note1: Some Mazda 6 03-05 change of the radio described here: http://gromaudio.com/docs/maz_L716_E.html

Note2: If you have MP3 marked stereo only GROM-U2P-MAZ8 is available

Note3: Mazda RX8 radio firmware v9.55 or later supported. Firmware v10.01, v10.1 and v9.81 are NOT supported.

1. Must disconnect and lose External mounted CD changer (Retains Built-in CD Player/Changer).
2. Steering Wheel Track Control if equipped.
3. Supports Text
4. Retains Built-in CD Player/Changer

Mercedes Benz

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
A-Class (W169)	2004-2008	Audio 20, Audio 50, Comand	MBO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
B-Class (W245)	2005-2009	Audio 20, Audio 50, Comand	MBO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
C-Class (W203)	2004-2008	Audio 20, Audio 50, Comand	MBO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
CL-Class	2005-2006	Audio 20, Audio 50, Comand	MBO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
CLK-Class (C209,W209)	2005-2009	Audio 20, Audio 50, Comand	MBO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
CLS-Coupe (W219)	2005-04/2008	Audio 20, Audio 50, Comand	MBO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
E-Class (W211)	2003-2007	Audio 20, Audio 50, Comand	MBO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
G-Class	2005-2008	Audio 20, Audio 50, Comand	MBO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
GL-Class (X164)	2006-2008	Audio 20, Audio 50, Comand	MBO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
ML-Class (W164)	2005-2009	Audio 20, Audio 50, Comand	MBO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
R-Class (W251)	2005-2009	Audio 20, Audio 50, Comand	MBO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
S-Class (W220)	2003-2007	Comand only	MBO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
SL-Class	2005-2007	Comand only	MBO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
SLK-Class (R171)	2005-2009	Comand only	MBO4	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a
C220	1994-1998	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
C36 AMG	1995-1997	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
C43 AMG	1998	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
CL500	1998	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
CL600	1998	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
CLK320	1998	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
E300	1995-1998	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
E320	1994-1998	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
E420	1994-1997	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
E430	1998	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
E500	1994	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
S320	1994-1998	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
S600	1994-1998	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
SL320	1994-1997	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
SL500	1994-1998	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
SL600	1994-1998	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a
SLK230	1998	CDC capable	MBU3	MBA1	MBI4	MBB3	C-MB	n/a	1	n/a

Note1: Audio 20 with CDC button (fibre optic port on rear). Audio 20 is not text capable.

1. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
2. Steering Wheel Track Control if equipped
3. Supports Text (COMAND Navigation model stereo only)

Mini

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
Mini Cooper	2001-2005	R50/53	BMWSU3	BMWSA1	BMWSI4	BMWSB3	C-BMWS/BMWTL	DBR1	2, 3	n/a
Mini Cooper	2004-2008	R52	BMWTU3	BMWTA1	BMWTI4	BMWTB3	C-BMWS/BMWTL	DBR1	2, 3	n/a
Mini Cooper	2006-2010	R56. Must have MP3 CDC capability *	BMW04	n/a	n/a	n/a	C-POF	DBR1	1, 2, 3	n/a

* Fibre-optic stereos must have MP3 CDC capability. If there is no such capability, the stereo must be coded for CDC at the dealership or car audio shop.

1. Supports Text
2. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
3. Steering Wheel Track Control if equipped

Mitsubishi

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
3000GT	1998-1999	All	MITS02U3	MITS02A1	MITS02I4	MITS02B3	C-MITS02	DBR1	2, 3	n/a
ASX	2011-2014	No Navigation/ No touchscreen	MITS08U3	MITS08A1	MITS08I4	MITS08B3	C-MITS08	DBR1	1	n/a
Galant	1998-2009	All	MITS02U3	MITS02A1	MITS02I4	MITS02B3	C-MITS02	DBR1	2, 3	n/a
I-MiEV	2012-2013	No Navigation/ No touchscreen	MITS08U3	MITS08A1	MITS08I4	MITS08B3	C-MITS08	DBR1	1	n/a
Lancer	2007-2013	No Navigation/ No touchscreen	MITS08U3	MITS08A1	MITS08I4	MITS08B3	C-MITS08	DBR1	1	n/a
Lancer	2002-2007	2007 only for US and Canada	MITS02U3	MITS02A1	MITS02I4	MITS02B3	C-MITS02	DBR1	2, 3	n/a
Mirage	1997-2002	All	MITS02U3	MITS02A1	MITS02I4	MITS02B3	C-MITS02	DBR1	2, 3	n/a
Montero	1998-2005	All	MITS02U3	MITS02A1	MITS02I4	MITS02B3	C-MITS02	DBR1	2, 3	n/a
Outlander Sport	2011-2013	No Navigation/ No touchscreen	MITS08U3	MITS08A1	MITS08I4	MITS08B3	C-MITS08	DBR1	1	n/a
Outlander	2007-2013	No Navigation/ No touchscreen	MITS08U3	MITS08A1	MITS08I4	MITS08B3	C-MITS08	DBR1	1	n/a
Outlander	2003-2006	All	MITS02U3	MITS02A1	MITS02I4	MITS02B3	C-MITS02	DBR1	2, 3	n/a
RVR	2010-2013	No Navigation/ No touchscreen	MITS08U3	MITS08A1	MITS08I4	MITS08B3	C-MITS08	DBR1	1	n/a

1. Supports Text (excludes AUX1)
2. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
3. Steering Wheel Track Control if equipped

Nissan

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
350Z*	2003+	**	NISCDU3	NIS0CDA1	NISCDCI4	NISDCB3	C-NIS02	DBR1	1, 2, 3, 4	n/a
Almera	1995+	**	NISCDU3	NIS0CDA1	NISCDCI4	NISDCB3	C-NIS02	DBR1	1, 2, 3, 4	n/a
Almera Tino	2000+	**	NISCDU3	NIS0CDA1	NISCDCI4	NISDCB3	C-NIS02	DBR1	1, 2, 3, 4	n/a
Murano	2005+	**	NISCDU3	NIS0CDA1	NISCDCI4	NISDCB3	C-NIS02	DBR1	1, 2, 3, 4	n/a
Navara	2004+	**	NISCDU3	NIS0CDA1	NISCDCI4	NISDCB3	C-NIS02	DBR1	1, 2, 3, 4	n/a
Note	2006+	**	NISCDU3	NIS0CDA1	NISCDCI4	NISDCB3	C-NIS02	DBR1	1, 2, 3, 4	n/a
Pathfinder	2005+	**	NISCDU3	NIS0CDA1	NISCDCI4	NISDCB3	C-NIS02	DBR1	1, 2, 3, 4	n/a
Patrol	2008+	**	NISCDU3	NIS0CDA1	NISCDCI4	NISDCB3	C-NIS02	DBR1	1, 2, 3, 4	n/a
Primera	1995+	**	NISCDU3	NIS0CDA1	NISCDCI4	NISDCB3	C-NIS02	DBR1	1, 2, 3, 4	n/a
Skyline 250GT/300GT/350GT	2001-2008	**	NISCDU3	NIS0CDA1	NISCDCI4	NISDCB3	C-NIS02	DBR1	1, 2, 3, 4	n/a
Qashqai	2007+	**	NISCDU3	NIS0CDA1	NISCDCI4	NISDCB3	C-NIS02	DBR1	1, 2, 3, 4	n/a
Qashqai 2	2008+	**	NISCDU3	NIS0CDA1	NISCDCI4	NISDCB3	C-NIS02	DBR1	1, 2, 3, 4	n/a
Xtrail	2001+	**	NISCDU3	NIS0CDA1	NISCDCI4	NISDCB3	C-NIS02	DBR1	1, 2, 3, 4	n/a

Note1: ** Compatible Nissan headunits with CD changer port (8+2+2 connector) model numbers include: CK106, CNA48, CT008, CT020, CT098, CT138, CY13C, HY00E, CY100, CY460, P11, P12, PN2646, CQ-EN7466X, PN2503H and RM-VS3GAEA.

Note2: **NOT** compatible headunits: Nissan Primera 2001 with Blaupunkt Tape Headunit. Model numbers CY25C, CY140, HY01E, CR330, CY450, CT058, CR07A, CR09B, CY11C, CH340, CY138, CY14C, CY06D, PN2751N, CR330 and PN-2715N.

Note3: Will fit other Nissan models that have the same port shown in the Harness compatibility guide.

1. Supports Text (excludes AUX1)
2. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
3. Steering Wheel Track Control if equipped (may require programming)
4. Retains Built-in CD Player/Changer

Peugeot

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
4007	2007-2012	No Navigation/ No touchscreen	MITS08U3	MITS08A1	MITS08I4	MITS08B3	C-MITS08	DBR1	1	n/a
4008	2012-2013	No Navigation/ No touchscreen	MITS08U3	MITS08A1	MITS08I4	MITS08B3	C-MITS08	DBR1	1	n/a

1. Supports Text (excludes AUX1)

Rover / LandRover

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
75	1999-2005	Alpine stereo / NO navigation	RVRU3	RVRA1	RVRI4	RVRB3	C-RVR	DBR1	2, 3	n/a
Rover Landrover ZT	2002-2004	Alpine stereo / NO navigation	RVRU3	RVRA1	RVRI4	RVRB3	C-RVR	DBR1	2, 3	n/a
MG	2001-2005	Alpine stereo / NO navigation	RVRU3	RVRA1	RVRI4	RVRB3	C-RVR	DBR1	2, 3	n/a
Landrover Discovery	2000-2004	Alpine stereo / NO navigation	RVRU3	RVRA1	RVRI4	RVRB3	C-RVR	DBR1	2, 3	n/a
Range Rover HSE*	2002-2004	Navigation 16:9	BMWTU3	BMWTA1	BMWTI4	BMWTB3	C-BMWT	DBR1	1, 2, 3	n/a

* It will use BMW Trunk harness and will install in the **glove box of vehicle**. It also must have 3-pin and 6-pin connection at the CD changer. Some later model 2004 models have 10-pin connector, in that case mod is needed. Please contact us for support.

1. Supports Text (excludes AUX1)
2. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
3. Steering Wheel Track Control if equipped

Seat

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
All Seat	1998-2010	all	VAGSU3	VAGSA1	VAGSI4	VAGSB3	C-VAGM	DBR1	1, 2	n/a

1. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
2. Steering Wheel Track Control if equipped

Skoda

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
All Skoda	1998-2010	All	VAGSU3	VAGSA1	VAGSI4	VAGSB3	C-VAGM	DBR1	1, 2	n/a

1. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
2. Steering Wheel Track Control if equipped

Smart

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
Smart ForFour	2004-06	Audio 20, Audio 50, Comand	MBO4	n/a	n/a	n/a	C-POF	DBR1		n/a

Note1: Audio 20 with CDC button (fibre optic port on rear). Audio 20 is not text capable.

Subaru*

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
Forester	2004-2010	*	SUB08U3	SUB08A1	SUB08I4	SUB08B3	C-SUB08	DBR1	1, 2	n/a
Impreza	2004-2010	*	SUB08U3	SUB08A1	SUB08I4	SUB08B3	C-SUB08	DBR1	1, 2	n/a
Legacy	2004-2010	*	SUB08U3	SUB08A1	SUB08I4	SUB08B3	C-SUB08	DBR1	1, 2	n/a
Outback	2004-2010	*	SUB08U3	SUB08A1	SUB08I4	SUB08B3	C-SUB08	DBR1	1, 2	n/a
Tribeca	2004-2010	*	SUB08U3	SUB08A1	SUB08I4	SUB08B3	C-SUB08	DBR1	1, 2	n/a

Note1: * Compatible models include: GX-806EF2, GX-201JE, GX-201LE, GX-201RE, GX-201LH, GX-201RH, GX-203JE, GX-204LE, GX-204RE, P-206 UNB, Kenwood FZDA07EREF2 and CZ341R6.

Note2: Other units may be compatible, please check if CDC port is present on rear of head unit and contact us. Some Sat Nav systems may not be compatible.

Note3: NOT compatible with Macintosh, Navigation and FXDD07EF2 stereos.

1. Retains Built-in CD Player/Changer
2. Steering Wheel Track Control if equipped

Toyota

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility*	Notes for USB3/AUX1/IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
Avalon	2005-2012	All / for 2011-2012 NO Navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
Avalon	1998-2004	All	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	2	n/a
Avensis	1997-2003	All	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	2	n/a
Avensis	2003-2012	All / for 2010-2012 NO Navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
Auris	2007-2009	All	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
Camry	1998-2004	All	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	2	n/a
Camry	2005-2012	All / for 2010-2012 NO Navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
Celica	1998-2002	All	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	2	n/a
Celica	2003-2012	All	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
Corolla	1998-2004	All	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	2	n/a
Corolla	2005-2012	All / for 2012 NO Navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
Hilux	1998-2004	All	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	2	n/a
Hilux	2005-2012	All / for 2012 NO Navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
Landcruiser	1998-2001	No DVD	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	2	n/a
Landcruiser	2001-2003	No DVD / for VLine only with touchscreen	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	2	LEX3VL1
Landcruiser	2004-2007	No DVD / for VLine only with touchscreen	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	LEX4VL1
Landcruiser	2008-2012	No DVD / for 2010-2012 NO Navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
Matrix	2005-2012	All / for 2012 NO Navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
MR2	1999-2002	All	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	2	n/a
MR2	2003-2012	All	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
Prius	2001-2003	All / for VLine only with touchscreen	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	2	LEX3VL1
Prius	2004-2005	All / for VLine only with touchscreen	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	LEX4VL1
Prius	2006-2009	All / for VLine only with touchscreen	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	LEX5VL1
Prius	2010-2011	NO Navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
RAV4	1998-2002	All	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	2	n/a
RAV4	2003-2012	All / for 2012 NO Navigation no MEDIA button	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
Sienna/Previa	1998-2003	No DVD	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	2	n/a
Sienna/Previa	2004-2012	No DVD / for 2011-2012 NO Navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
Vitz	2001-2005	All	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	2	n/a
Vitz	2005-2012	All / for 2012 NO Navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
Yaris	1999-2005	All	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	2	n/a
Yaris	2005-2012	All / for 2012 NO Navigation	TOYNU3	TOYNA1	TOYNI4	TOYNB3	C-TOY	DBR1	1, 2, 3	n/a
Yaris Verso	2000-2004	All	TOYOU3	TOYOA1	TOYOI4	TOYOB3	C-TOY1	DBR1	2	n/a

1. Supports Text on stereos with "TEXT" button (excluded AUX1).

2. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer).

3. Steering Wheel Track Control if equipped.

* DAB dongles are **NOT compatible** with Vline infotainment system

Volkswagen

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
Beetle, Beetle Convertible	1999-2010	* All	VAGSU3	VAGSA1	VAGSI4	VAGSB3	C-VAGM/VAGT	DBR1	1	n/a
Cabrio	1998-2001	* All	VAGSU3	VAGSA1	VAGSI4	VAGSB3	C-VAGM/VAGT	DBR1	1	n/a
CC	2009-2010	* All	VAGDU3	VAGDA1	VAGDI4	VAGDB3	C-VAGM/VAGT	DBR1	1, 2	n/a
CC	2008-2012	** RNS/RCD	VAGRU3	n/a	VAGRI4	n/a	C-VAGR	DBR1	1, 2, 3	n/a
EOS	2007-2010	* All	VAGDU3	VAGDA1	VAGDI4	VAGDB3	C-VAGM/VAGT	DBR1	1, 2	n/a
EOS	2008-2013	** RNS/RCD	VAGRU3	n/a	VAGRI4	n/a	C-VAGR	DBR1	1, 2, 3	n/a
Fox	2004-2010	* All	VAGDU3	VAGDA1	VAGDI4	VAGDB3	C-VAGM/VAGT	DBR1	1, 2	n/a
Golf/Rabbit	1998-2002	* All	VAGSU3	VAGSA1	VAGSI4	VAGSB3	C-VAGM/VAGT	DBR1	1	n/a
Golf/R32/GTI	2003-2010	* All	VAGDU3	VAGDA1	VAGDI4	VAGDB3	C-VAGM/VAGT	DBR1	1, 2	n/a
Golf/R32/GTI	2009-2013	** RNS/RCD	VAGRU3	n/a	VAGRI4	n/a	C-VAGR	DBR1	1, 2, 3	n/a
Jetta/Bora	1999-2010	* All	VAGSU3	VAGSA1	VAGSI4	VAGSB3	C-VAGM/VAGT	DBR1	1	n/a
Jetta	2008-2013	** RNS/RCD	VAGRU3	n/a	VAGRI4	n/a	C-VAGR	DBR1	1, 2, 3	n/a
Passat	1999-2010	* All	VAGSU3	VAGSA1	VAGSI4	VAGSB3	C-VAGM/VAGT	DBR1	1	n/a
Passat	2006-2013	** RNS/RCD	VAGRU3	n/a	VAGRI4	n/a	C-VAGR	DBR1	1, 2, 3	n/a
Polo	1999-2010	* All	VAGSU3	VAGSA1	VAGSI4	VAGSB3	C-VAGM/VAGT	DBR1	1	n/a
Polo V	2009-2013	** RNS/RCD	VAGRU3	n/a	VAGRI4	n/a	C-VAGR	DBR1	1, 2, 3	n/a
Scirocco	2008-2013	** RNS/RCD	VAGRU3	n/a	VAGRI4	n/a	C-VAGR	DBR1	1, 2, 3	n/a
Sharan	2010-2013	** RNS/RCD	VAGRU3	n/a	VAGRI4	n/a	C-VAGR	DBR1	1, 2, 3	n/a
Tiguan	2004-2010	* All	VAGDU3	VAGDA1	VAGDI4	VAGDB3	C-VAGM/VAGT	DBR1	1, 2	n/a
Tiguan	2008-2013	** RNS/RCD	VAGRU3	n/a	VAGRI4	n/a	C-VAGR	DBR1	1, 2, 3	n/a
Touareg	2004-2010	* All	VAGDU3	VAGDA1	VAGDI4	VAGDB3	C-VAGM/VAGT	DBR1	1, 2	n/a
Touran	2003-2010	* All	VAGDU3	VAGDA1	VAGDI4	VAGDB3	C-VAGM/VAGT	DBR1	1, 2	n/a
Touran	2009-2013	** RNS/RCD	VAGRU3	n/a	VAGRI4	n/a	C-VAGR	DBR1	1, 2, 3	n/a
Transporter	2010-2013	** RNS/RCD	VAGRU3	n/a	VAGRI4	n/a	C-VAGR	DBR1	1, 2, 3	n/a

Note1: * NOT compatible with RCD519, RCD319, RCD510, RNS510 and RCD310 stereos.

Note2: ** Compatible only with RNS310, RNS315, RNS510, RCD510 stereos. MDI must be disconnected and Media Player 3 (2E) option has to be coded on stereo. The following head units are NOT supported: 1K0057195AA, 1K0035195AA, 1K0057195AB, 1K0035195AB, 1T0057680, 1T0035680, 1T0057680, 1T0035680A.

Note3: VAGT cable is for the connection in the boot/trunk. Please check connector is present in your vehicle.

1. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer).
2. Steering Wheel Track Control if equipped.
3. Media Player 3 (2E) option has to be coded on stereo.

Volvo

Car Make	Year	Qualifier	Audio integration car kits				Vehicle cable	Digital Radio Compatibility	Notes for USB3/AUX1/ IPD4/BT3	Infotainment system
			USB3	AUX1	IPD4	BT3		DAB		VLine
C30	2006-2013	Single CD	VOLSO4	n/a	n/a	n/a	C-POF	DBR1	2, 4, 5	n/a
C30	2006-2013	6-CD	VOLS6O4	n/a	n/a	n/a	C-POF	DBR1	2, 4, 5	n/a
C70	1998-2004	SC-xxx radio	VOL94U3	VOL94A1	VOL94I4	VOL94B3	C-VOL94	DBR1	1	n/a
C70	2006-2012	Single CD	VOLSO4	n/a	n/a	n/a	C-POF	DBR1	2, 4, 5	n/a
C70	2006-2012	6-CD	VOLS6O4	n/a	n/a	n/a	C-POF	DBR1	2, 4, 5	n/a
S40	2000	SC-xxx radio	VOL94U3	VOL94A1	VOL94I4	VOL94B3	C-VOL94	DBR1	1	n/a
S40	2001-2004	for 2004 WITHOUT integrated climate/radio/phone controls	VOL01U3	VOL01A1	VOL01I4	VOL01B3	C-VOL01	DBR1	1, 2, 3	n/a
S40	2005-2012	6-CD	VOLS6O4	n/a	n/a	n/a	C-POF	DBR1	2, 4, 5	n/a
S40	2005-2012	Single CD	VOLSO4	n/a	n/a	n/a	C-POF	DBR1	2, 4, 5	n/a
S60	2001-2009	All	VOL01U3	VOL01A1	VOL01I4	VOL01B3	C-VOL01	DBR1	1, 2, 3	n/a
S60	2005-2012	6-CD	VOLS6O4	n/a	n/a	n/a	C-POF	DBR1	2, 4, 5	n/a
S60	2005-2012	Single CD	VOLSO4	n/a	n/a	n/a	C-POF	DBR1	2, 4, 5	n/a
S70	1998-2000	SC-xxx radio	VOL94U3	VOL94A1	VOL94I4	VOL94B3	C-VOL94	DBR1	1	n/a
S70	2001-2006	All	VOL01U3	VOL01A1	VOL01I4	VOL01B3	C-VOL01	DBR1	1, 2, 3	n/a
S70	2005-2012	6-CD	VOLS6O4	n/a	n/a	n/a	C-POF	DBR1	2, 4, 5	n/a
S70	2005-2012	Single CD	VOLSO4	n/a	n/a	n/a	C-POF	DBR1	2, 4, 5	n/a
S80	2000-2006	All	VOL01U3	VOL01A1	VOL01I4	VOL01B3	C-VOL01	DBR1	1, 2, 3	n/a
V40	2000	SC-xxx radio	VOL94U3	VOL94A1	VOL94I4	VOL94B3	C-VOL94	DBR1	1	n/a
V40	2001-2004	All	VOL01U3	VOL01A1	VOL01I4	VOL01B3	C-VOL01	DBR1	1, 2, 3	n/a
V50	2005-2012	6-CD	VOLS6O4	n/a	n/a	n/a	C-POF	DBR1	2, 4, 5	n/a
V50	2005-2012	Single CD	VOLSO4	n/a	n/a	n/a	C-POF	DBR1	2, 4, 5	n/a
V70	1998-2000	SC-xxx radio	VOL94U3	VOL94A1	VOL94I4	VOL94B3	C-VOL94	DBR1	1	n/a
V70	2001-2007	All	VOL01U3	VOL01A1	VOL01I4	VOL01B3	C-VOL01	DBR1	1, 2, 3	n/a
V90	1997-1998	SC-xxx radio	VOL94U3	VOL94A1	VOL94I4	VOL94B3	C-VOL94	DBR1	1	n/a
XC70	2001-2007	All	VOL01U3	VOL01A1	VOL01I4	VOL01B3	C-VOL01	DBR1	1, 2, 3	n/a
XC90	2002-2006	High Performance or Premium Stereo; 6CD unit, amplifier and tuner	VOLXCO4	n/a	n/a	n/a	POF not needed	DBR1	2, 4, 5	n/a
XC90	2007-2013	Single CD	VOLSO4	n/a	n/a	n/a	C-POF	DBR1	2, 4, 5	n/a
XC90	2007-2013	6-CD	VOLS6O4	n/a	n/a	n/a	C-POF	DBR1	2, 4, 5	n/a

Note1: The VOL01 cable connects into EVERY stereo model in the age range including HU-XXX and Sat Nav systems.

Note2: Fibre optic kits (M.O.S.T) may require a visit to your Volvo dealer who can apply MOST Security OFF patch. This patch can be applied by a Volvo dealer only.

Note3: NOT compatible with model number CT503.

1. Must disconnect External mounted CD changer (Retains Built-in CD Player/Changer)
2. Steering Wheel Track Control if equipped.
3. Supports Text (Requires MD emulation firmware, excludes AUX1).
4. Factory CD Player/Changer will be **DISABLED** in order to use GROM-MST4.
5. Support Text (Stereo must have CD text functionality).