

Product catalog 2008/09

DENSION
Audio Systems
ice▶Link

Densionsweden.se

*Dension: the industry leader for integration of
OEM infotainment and consumer electronics devices.*



OEM integration to a wide range of consumer electronics devices

- ▶ Full iPod control and charging
- ▶ USB support for mass storage devices (flash memory & Hard Disk) and MP3 players including Microsoft PlaysForSure
- ▶ Supported formats: MP3, OGG, WMA (incl. WMDRM10)
- ▶ RCA auxiliary input
- ▶ Retention of original CD changer *

ice▶ Link Gateway 500



Gateway 500 interface

fiber optic cable

USB mounting clip

Vehicles

**Audi
BMW
Mini
Mercedes
Porsche
Volvo**

MOST
compliant

iPod



Made for:

- iPod mini, nano (1G/2G/3G)
- iPod 4G/5G (photo, color, video)
- iPod classic, touch and iphone



AUX



- rear-seat entertainment
- CD/DVD Players
- MP3 Players
- mobile navigation

- ▶ Retains OEM dashboard aesthetic
- ▶ Plug & play installation/deinstallation. Perfect for leased vehicles
- ▶ Control of external devices through the OEM infotainment controls
- ▶ Song information and browsing on the OEM screen



USB

- Memory sticks or cards (via card reader)
- Portable Hard Disk
- MP3 sticks
- Media Players with MTP / PlaysForSure

ice ▶ Link Gateway 500

Single interface - Many applications



Gateway 300 features:

- ▶ USB support for mass storage devices (flash memory & Hard Disk) and MP3 players including Microsoft PlaysForSure
- ▶ Supported formats: MP3, Ogg, WMA (inc. WMDRM10)

Gateways make full use of vehicle text capabilities:



Content browsing and/or song information on selected head units ...

Check www.dension.com for latest vehicle compatibility

Vehicles

via CD changer port

- | | |
|------------|---------|
| ALFA ROMEO | AUDI |
| BMW | CITROEN |
| FIAT | FORD |
| HONDA | KIA |
| LEXUS | MAZDA |
| PEUGEOT | RENAULT |
| SEAT | SKODA |
| SUZUKI | TOYOTA |
| VOLVO | VW |

USB

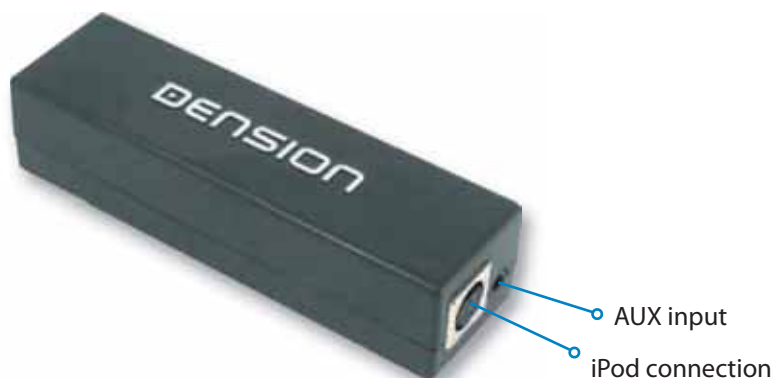


- Memory sticks or cards (via card reader)
- Portable Hard Disk
- MP3 sticks
- Media Players with MTP/PlaysForSure

The reference for ipod interfacing

Gateway 100 / 300 features:

- ▶ Control of external devices through the OEM infotainment system or the steering wheel
- ▶ iPod control and charging
- ▶ 3.5 mm auxiliary input jack
- ▶ Wide range of accessories to extend functionality



... and vehicles with cluster display

iPod



Made for:

- iPod mini, nano (1G/2G/3G)
- iPod classic, touch and iPhone
- iPod 3G, 4G (photo, color), 5G (video)



Aux input



- CD/DVD Players
- MP3 Players
- Rear-seat entertainment

Accessories

- iPod dock cable
- iPod active cradle
- AV Extender
- Bluetooth Adapter
- CD Changer Retention

OEM integration of iPod and portable navigation

ice▶Link Gateway 200i



**TomTom Go
510 / 710 / 910**

Gateway 200i



TomTom Go interface cable

Check www.dension.com for latest compatibility with other portable navigation systems

Features

- ▶ Music source: iPod or portable navigation integrated media player
- ▶ Music control from OEM infotainment system and/or navigation device touch screen
- ▶ Navigation prompts through vehicle speakers
- ▶ Music fades out/in at navigation prompts and telephone audio
- ▶ Bluetooth hands free functionality via portable navigation
- ▶ Charging of iPod and portable navigation

Check www.dension.com for latest vehicle compatibility

Vehicles

(via CD changer port)

- | | |
|------------|---------|
| ALFA ROMEO | AUDI |
| BMW | CITROEN |
| FIAT | FORD |
| HONDA | KIA |
| LEXUS | MAZDA |
| PEUGEOT | RENAULT |
| SEAT | SKODA |
| SUZUKI | TOYOTA |
| VOLVO | VW |

iPod



Made for:

- iPod mini, nano (1G/2G)
- iPod 4G (photo, color)
- iPod 5G (video)



Accessories

- iPod dock cable
- iPod active cradle
- AV Extender
- Bluetooth Adapter
- Connection cable for portable navigation

High quality external audio and iPod charging for virtually every vehicle

Part No.: IL FM

Features:

- ▶ Automatic on/off detection and iPod charging
- ▶ Additional auxiliary input source
- ▶ Includes damage-free mounting air vent clip
- ▶ Seven user-selectable FM frequencies
- ▶ Works with virtually every head unit
- ▶ Reusable upon change of vehicle
- ▶ Hard wired solution for excellent sound quality



ice▶Link ONE

Includes installation accessories:



iPod

Made for:

- iPod mini, nano (1G/2G)
- iPod 4G (photo, color)
- iPod 5G (video)

Perfect for rear-seat entertainment systems

ice▶Link AV



Play videos from your iPod

- ▶ on the OEM screen of your vehicle, or
- ▶ on a rear-seat entertainment system

iPod can be controlled via Apple's IR remote control and selected rear-seat entertainment systems



Video cradle version:
Part No.: ILV1CRV

iPod video cradle with
integrated IR eye

IR remote control
(not included)



External IR eye



Dock cable version:
Part No.: ILV1DC9

Play iPod videos
on a vehicle screen



iPod



Made for:
• iPod 5G (video)



iPod charging solution for Aux input vehicles

iPod connection options:

Dock cable
Part No.: IL 40 LITE 34



Active cradle
Part No.: IL 40 LITE DK

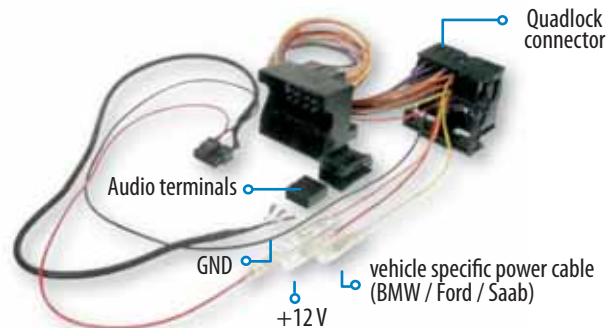


Head unit connection options:

For universal auxiliary input
Part No.: IL AUX DK



For BMW · Ford · Saab
Part No.: ILC1QAD



Compatible with:

- ▶ All head units with auxiliary input

Plug&Play for:

- ▶ BMW E87/E90
- ▶ Ford models with auxiliary input
- ▶ Saab 9-3

iPod



Made for:

- iPod mini, nano (1G/2G)
- iPod 3G
- iPod 4G (photo, color), 5G (video)



All four combinations available

Features:

- ▶ Great sound quality
- ▶ Play/pause iPod on ignition on/off
- ▶ iPod charging
- ▶ Control the iPod via click wheel and display
- ▶ Retain original CD changer

Customised integration

iPod dock cable

Part No.: 75 IL 20 CR

Perfect for concealed installations.

Package includes mounting clips for:

- ▶ iPod classic, touch and iphone
- ▶ iPod 4G/5G (photo, color, video)
- ▶ iPod nano (1G/2G/3G)



iPod dock cable



iPod nano clip

iPod 4G/5G clip

iPod active cradle

Part No.: 75 IL 20 CR



Active cradle

Damage-free iPod mounting.

Package includes adaptors for:

- ▶ ipod mini, nano (1G/2G/3G)
- ▶ iPod 3G/4G/5G (photo, color, video)
- ▶ iPod classic, touch and iphone

Installation accessories

Car-side extension cable
(5m)



Part No.: EXT1M12

Devices-side extension
(2m)



Part No.: EXT1GW0

Yazaki Tyco converter
(for fiber optics)



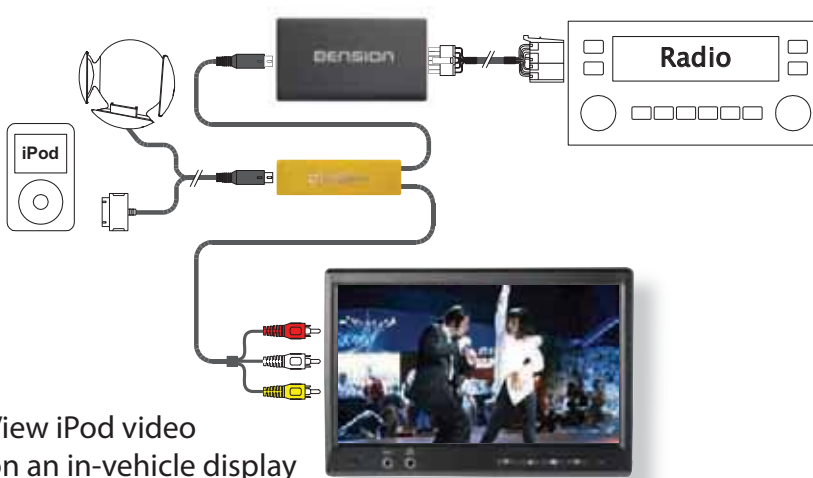
Part No.: 75 G5 PO 02

Enjoy more source devices with Plug & Play accessories

AV Extender for Gateway 100/200i/300/500

Part No.: IVE1000

Provides RCA AV output from iPod 5G(video)



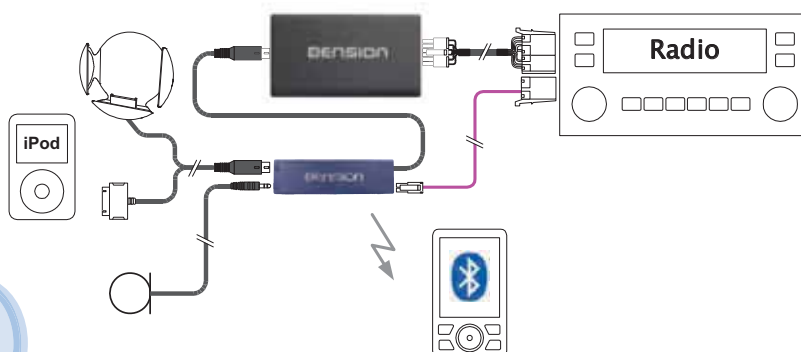
View iPod video on an in-vehicle display

Bluetooth adaptor for Gateway 100/300/500

Part No.: BTA1000

Connects smartphones or PDAs for:

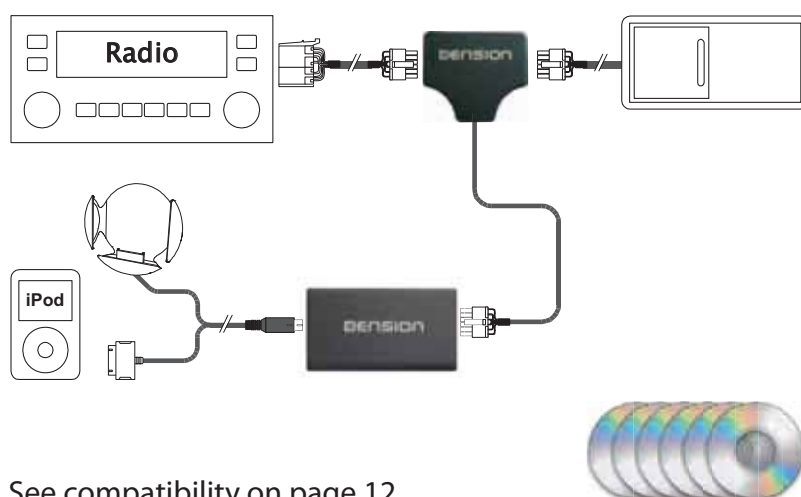
- ▶ music (HSP, A2DP, AVRCP)
- ▶ hands-free callings (HFP)
- ▶ navigation



CD changer retention for Gateway 100/300

Part No.: CDR1xxx

Vehicle-specific accessory kit retains original CD changer



See compatibility on page 12.

OEM integration to a wide range of consumer electronics devices

Car model	Head unit (stereo)	Gateway 100	Gateway 200	Gateway 300	
ALFA ROMEO Alfa 147 2002 → Alfa 156 2002 →	Alfa Radios Mid/High with Blaupunkt CD changer control Blaupunkt 937, 376, 378, 379 <i>(not for Alfa Navi Magneti / Marelli)</i>	G1 BP 08 DK		G3 BP 08 DK	
AUDI Audi A2, A3, A4, A6, A8, TT	Concert I / II, Symphony I / II, Chorus II, Navi RNS+ <i>(no new A6 / A8 MOST BUS)</i>	G1 VG 20 DK	G2 VG 20 DK	G3 VG 20 DK	
AUDI	16:9 DVD-Navi RNS-E with MMi Bedienlogik <i>(in A3 / A4 installed Systems)</i>	G1 VG 12 DK	G2 VG 12 DK	G3 VG 12 DK	
BMW BMW 3-series E46 1998-2005 BMW 5-series E39 1997-2002 (no DSP) BMW 7-series E38 09/1998-2001 (no DSP) BMW Z8 2001-2002 BMW MINI	Business, Business CD <i>(not for Radio Navigation Monochrome)</i> (17 PIN) Wave Radio / Cassette	G1 BM 17 DK	G2 BM 17 DK	G3 BM 17 DK	
BMW BMW 3-series E46 1998-2001 BMW 5-series E39 1997-2002 (no DSP) BMW 7-series E38 09/1998-2001 (no DSP) BMW Z8 2001-2002	Navigation 4:3 (17 PIN)	G1 BM 17 DK X		G3 BM 17 DK X	
BMW BMW 5-series E39 2002-2003 BMW X 5 2002-2004 BMW Z4 2003-2004 BMW Z8 2002-2003 BMW X3 BMW MINI	Business, Business CD <i>(not for Radio Navigation Monochrome)</i> (40 PIN) Boost Radio / Cassette, MD / Tuner, CD / Tuner	G1 BM 40 DK	G2 BM 40 DK	G3 BM 40 DK	
BMW BMW 3-series E46 2001-2005 (16:9) BMW 5-series E39 2002-2003 (no DSP) BMW X5 2004 →	16:9 Navigation (40 PIN)	G1 BM 40 DK X		G3 BM 40 DK X	
CITROËN C1 Citroën C1 (Peugeot 107, Toyota Aygo)		G1 TO 03 DK	G2 TO 03 DK	G3 TO 03 DK	
CITROËN (VAN)	Clarion / VDO OEM Radios RD 1, RD 3	G1 PCV 01 DK		G3 PCV 01 DK	
CITROËN (CAN)	RD 4	G1 PCC 01 DK		G3 PCC 01 DK	
FIAT Fiat with Grundig OEM radio	Grundig AD182 H / AD182 Hz with Grundig MCD 36 / 46 CD changer control <i>(not for Fiat Stilo + Visteon Radio)</i>	G1 GR 08 DK		G3 GR 08 DK	
FIAT Fiat with Blaupunkt OEM radio	Blaupunkt Low / Mid / Multipla Unit <i>(not for Fiat Stilo + Visteon Radio)</i>	G1 BP 08 DK		G3 BP 08 DK	
FORD (1995 -2004) <i>(not Focus C-Max, Fusion Fiesta 2004 → Mondeo)</i>	Visteon 4050 / 5000 / 6000 / 7000 / 9000 Europe <i>(not Radio 6006 with integrated CD changer)</i>	G1 FO 12 DK		G3 FO 12 DK	
FORD (CAN from 2004) with Quadlock <i>(not for SONY Soundsystem)</i>	MD4500, MD4500LCT, ND4600, MD4600LCT, 4500N 4600N, 5000LCT, 5000N, 6000LCT, 6000N, 4700LCT 7000S, 7000LCT, 9000N, 9000E	G1 FO 13 DK		G3 FO 13 DK	
FORD Ford Galaxy	4:3 Navigation (VW MFD1)	G1 VG 08 DK		G3 VG 08 DK	

Vehicle Compatibility Chart

Car model	Head unit (stereo)	Gateway 100	Gateway 200	Gateway 300	
HONDA (old) Honda Accord 1998-2001 Honda Civic 1998-2004 Honda CRV 1999 → Honda S 2000 2000-2003	Pioneer OEM radios	G1 HO 30 DK		G3 HO 30 DK	
HONDA (new) Honda Accord 2003-2005 Honda S 2000 2004-2005 Honda Civic 2004 →	Pioneer OEM radios	G1 HO 31 DK	G2 HO 31 DK	G3 HO 31 DK	
JAGUAR Jaguar S-Type → 2004	Premium 9000 Soundsystem, Visteon 9000 Europe	G1 FO 12 DK		G3 FO 12 DK	
KIA	JVC OEM Radios	G1 JVC 01 DK		G3 JVC 01 DK	
LEXUS LS / GS	all OEM radios Not for RX 400	G1 LX 01 DK		G3 LX 01 DK	
MAZDA (from 2005) Mazda 3, Mazda 5, Mazda 6, Mazda RX 8	(not RX8 with integrated BOSE 6 CD changer)	G1 MA 16 DK		G3 MA 16 DK	
PEUGEOT 107 (Citroën C1, Toyota Aygo)		G1 TO 03 DK	G2 TO 03 DK	G3 TO 03 DK	
PEUGEOT (VAN)	Clarion / VDO OEM Radios RD 1, RD 3	G1 PCV 01 DK		G3 PCV 01 DK	
PEUGEOT (CAN)	RD 4	G1 PCC 01 DK		G3 PCC 01 DK	
RENAULT Renault new Clio II, Espace IV, Kangoo, Laguna II, Master Megane II, Modus, Scenic II, Traffic, Twingo, Vel Satis	Tunerlist, Udatelist (not for Cabasse System „Auditorium“ with integrated 6 CD changer in dashboard, not for „Carminat“ navigation)	G1 RE 08 DK		G3 RE 08 DK	
SEAT Seat (except Altea)	Alana, Beta, Aura, Lena, Liceo, Scala Navigation	G1 VG 20 DK	G2 VG 20 DK	G3 VG 20 DK	
SEAT Seat Altea, Toledo, Leon 2004 →	RCD 300, RCD 500, RNS 4	G1 VG 12 DK	G2 VG 12 DK	G3 VG 12 DK	
ŠKODA Skoda Fabia / Octavia / Superb (Mini ISO interface)	Grundig Radios, Sound 201, Gamma, Symphony, 402, 502, Rhapsody, SatKompass Navi DX	G1 VG 08 DK	G2 VG 08 DK	G3 VG 08 DK	
ŠKODA Skoda Fabia / Octavia (MOST interface)	RCD 300 / RCD 500 / Navigation Nexus (RNS-MFD2)	G1 VG 12 DK	G2 VG 12 DK	G3 VG 12 DK	
SMART Smart Models	Grundig MC 1200 (not with Navi, Sound and others with D2B optical interface)	G1 VG 08 DK		G3 GR 08 DK	
SUZUKI Swift (new)		G1 SU 01 DK		G3 SU 01 DK	

OEM integration to a wide range of consumer electronics devices

Car model	Head unit	Gateway 100	Gateway 200i	Gateway 300	Neo ProLink
TOYOTA AYGO Toyota Aygo (Citroën C1, Peugeot 107)		G1 TO 03 DK	G2 TO 03 DK	G3 TO 03 DK	
TOYOTA (> 2005) Toyota Models 2001 → Toyota Yaris → 2005	Fujitsu-Ten or Matsushita Fujitsu Ten CD Changer, Panasonic Radio	G1 TO 12 DK	G2 TO 12 DK	G3 TO 12 DK	
TOYOTA (2005 >) Toyota Picnic, RAV4 2005 → Toyota Avensis, Corolla, Lexus RX400	Navi B9001	G1 TO 13 DK	G2 TO 13 DK	G3 TO 13 DK	
VOLVO Volvo Models	ALL HU headunits If you have NAV additional NEO_NAVCABLE is needed ALL SC headunits				PODVOLHUV2 PODVOLSCV2
VW VW Golf IV / Bora / Passat / Beetle (Mini ISO)	Beta / Gamma / without CD-Part/ Navi MCD, MFD 1	G1 VG 08 DK	G2 VG 08 DK	G3 VG 08 DK	
VW VW Passat, Golf IV, V, Touran, Touareg, T5 (QUADLOCK interface)	Delta 6 / RCD 300 / RCD 500 / RNS 4 / 16:9 Navi RNS 2 / RNS-MFD2	G1 VG 12 DK	G2 VG 12 DK	G3 VG 12 DK	
VW (CAN)		G1 VGC 01 DK		G3 VGC 01 DK	

Car model	Head Unit	Gateway 500
AUDI Audi A6 (Typ 4F) Audi A8 (Typ D2) Audi Q7		G5 AD DK
BMW BMW 1-series (E87) BMW 3-series (E90/91) BMW 5-series (E60/61) BMW 6-series (E63/64) BMW 7-series (E65)	Vehicles without cd-changer needs to be upgraded to MP-3 by BMW first.	G5 BM DK
MERCEDES Mercedes D2B	text display not available	G5 D2B DK
MERCEDES Mercedes MOST		G5 DBM DK
MINI R56 (Boost)		G5 BM DK
PORSCHE Porsche PCM2 / PCM 2.1 <i>Some Porsche models need additional adapters</i>	CD changer has to be removed from the MOST system! Cayenne with CD changer need an additional cable (FOA1TL1) Cayenne / 911 [996] with Yazaki fibre optics need an additional cable (FOA1TY1) Boxster / Cayman / 911 require an iPod extension cable (EXT1GW0)	G5 PO DK
SAAB 93 2003-2006		G5 SB DK
VOLVO S40,V50, XC90 2002-2007	XC90 2002-2007, with Performance, High Performance and Premium sound systems, without AUX input, with CDC S40, V50 2004-2007 with Basic and High Performance sound systems, without AUX input, with CDC.	G5 VO DK

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Belarus	SV-Style Ltd Minsk	Andrew Yorelevich SV-стиль [sv-style@tut.by]	+810 374 296 101 776
Brazil	Crosswire Solution	Frank Sklorz	+5511 8564 7469
Canada USA	AutoMobility Distribution Inc. Quebec	Michael Berger automobility1@rogers.com	+1 514 745 8030
Cyprus	Angelos Radio Co. Ltd.	George Dionysiou	+357 2276 5487
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iPOD compatible chart 2008-09-01
 NOTE use latest firmware and see updated compatible chart on
http://www.dension.com/dension_apple_matrix.html



iPod Firmware >>>	v2.3	v1.4.1	v3.1.1	v1.2.1	v1.3.1	v1.3	v1.1.3	v1.1.2	v1.1.2	v1.1.4	v1.1.2
Dension products											
Active Cradle	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	4
Lite	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	4
Lite AV	Not compatible	Not compatible	Not compatible	Not compatible	Not compatible	Compatible	Not compatible	7	7	7	7
ice>Link ONE(FM)	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	4
ice>Link Plus V2	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	1	1	1, 2	1, 2, 4
ice>Link Plus V4	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	1, 7	1, 7	1, 2, 7	1, 2, 4, 7
GW100	Not compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	7	7	2, 7	2, 4, 7
GW300/400 V1	Not compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	1, 7	1, 7	1, 2, 7	1, 2, 4, 7
GW300 V2	Not compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	7	7	2, 7	2, 4, 7
GW500	Not compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	7	7	2, 7	2, 4, 7

- Compatible
- Supported with known limitations
- Not compatible

¹ : iPod does not support ice>Link Plus menu. Function of Disc6 has changed accordingly in new firmware upgrades which are available now.
² : iPod does not support song information displays (id3/CD text) in iPod Gateway Interface mode.
⁴ : After connection the iPhone, will display a message for 5 sec, continue with normal operation after the message has expired.
⁷ : iPod video output cannot be accessed by this product.