Compatible Apple devices (iPod , iPhone, iPad) with GM Infotainment Systems connected over USB

Devices Not Compatible

Apple iPod devices
iPod (4th Gen) Classic
iPod mini (1st Gen)
iPod mini (2nd Gen)
iPod Shuffle (1st Gen)
iPod Shuffle (2nd Gen)
iPod Shuffle (3rd Gen)
iPod Shuffle (4th Gen)

Devices with Limited Compatibility

Apple iPod devices	Apple iPhone devices	Apple iPad devices
iPod (5th Gen) Classic	iPhone 1	iPad 1
iPod (6th Gen) Classic	iPhone 3G	iPad 2
iPod Nano (1st Gen)	iPhone 3Gs	iPad 3
iPod Nano (2nd Gen)	iPhone 4	
iPod Nano (3rd Gen)	iPhone 4S	
iPod Nano (4th Gen)		
iPod Nano (5th Gen)		
iPod Nano (6th Gen)		
iPod Nano (7th Gen)		
iPod Touch (1st Gen)		
iPod Touch (2nd Gen)		
iPod Touch (3rd Gen)		
iPod Touch (4th Gen)		

Compatible Devices

Apple iPod devices	Apple iPhone devices	Apple iPad devices
iPod Touch (5th Gen)	iPhone 5	iPad 4
iPod Touch (6th Gen)	iPhone 5s	iPad Air
	iPhone 5c	iPad Air 2
	iPhone 6	iPad pro
	iPhone 6 Plus	iPad Pro 9, 7
	iPhone 6s	iPad mini
	iPhone 6s Plus	iPad mini 2
	iPhone SE	iPad mini 3
	iPhone 7	iPad mini 4
	iPhone 7 Plus	

Note: This is only for Apple devices connected to GM Infotainment Systems via a USB cable

FAQ

Q. Which radio or infotainment systems does this apply to?
A. Any GM Infotainment system that supports media browsing via an Apple device (iPhone, iPod, and iPad)

1. LG
    a. BYOM
    b. BYOM2
    c. BYOM2+
2. BOSCH
    a. NGI 2.0 – 2.4
    b. NGI 2.5
    c. NGI 2.6
3. Panasonic
    a. CCR

Q. What does it mean for a device to have limited compatible?
A. A limited compatibility device does support:

1. Media Playback (Play, Pause, Next, Seek, Rev, Back)
2. Media Indexing and Browsing
3. Media Access via an Accessory (Infotainment System)

But it may experience unreliable performance, which includes, but is not limited to:

1. Slow indexing
2. Slow or delayed response from infotainment system
3. Slow or delayed browsing
4. Infotainment system reset

Q. Does this affect Apple CarPlay?
A. Please see Apple CarPlay guide from Owner Center

Apple CarPlay is only supported with iPhone 5 and newer models. See **http://www.apple.com/ios/carplay/**

Q. What makes a device limited compatible?
A. A device has limited compatibility for 2 reasons:

1. Older software communication system (iAP1)
2. Device has a Hard Disk Drive (HDD) instead of a Solid State Drive (SSD)

Q. What is iAP?
A. iAP stands for Interface Accessory Protocol. It is a communication system between an Apple device and an accessory, for example a vehicle infotainment system. The communication system guides the accessory to access data from an Apple device (song, song name, artist, album, genre, cover art, pictures, videos, and more).

Q. What is iAP1 and iAP2?
A. iAP1 and iAP2 are the two communication systems used by accessories today to communicate with Apple devices. iAP1 is a legacy or an older communication system, while iAP2 is the latest and greatest.

Q. How do I know what communication system does my Apple device support?
A. Refer to the three sections highlighted above.

All devices under *Not Compatible* do not use either iAP1 or iAP2. Those devices will most likely not work with any accessory, except your headphones.

All devices under *Limited Compatibility* use iAP1.

All devices under *Compatible* use iAP2.

Q. Why does an Apple device that uses iAP1 have limited compatibility?
A. iAP1 is an older communication system, and it was not created to support fast and continuous access to data from an accessory. In other words, it was not created to support fast indexing and browsing by an accessory (vehicle infotainment system).

Apple devices that solely use iAP1 will have a slower response time or will transfer data to an accessory at a slower speed compared to Apple devices that use iAP2. This means that Apple devices that solely use iAP1 will have longer indexing times.

iAP1 still does support indexing and browsing, but it is most reliable with a smaller media library. A smaller media library means that an Apple devices has a fewer number of songs.

Q. Why does an Apple device that uses iAP2 have full compatibility?
A. iAP2 is the latest and greatest communication system, and it was created to support fast and continuous access to data from an accessory. In other words, it was created to support fast indexing and browsing by an accessory (vehicle infotainment system).

Apple devices that use iAP2 will have a faster response time or will transfer data to an accessory at a faster speed compared to Apple devices that use iAP1. This means that Apple devices that iAP2 will have shorter indexing times.

iAP2 enables faster indexing and browsing of Apple devices with large media libraries.

Q. Why does an Apple devices that used HDD have limited compatibility?
A. HDD or Hard Disk Drives were not designed for fast and continuous read and write applications. The iPod Classis series use HDDs. Most modern Apple devices use SSDs, but these modern Apple devices might still use iAP1 communication system leading to longer indexing times.