














Model	Features	Features	Features
iPhone	IW-20	IW-21	IW-22
	Charging Audio/ Unbalanced (NOT Upgradeable)	Charging Audio/ Unbalanced IR Control/ Remote Video/ Unbalanced Upgradeable (NO VIDEO GUI)	Charging Audio/ Balanced or Unbalanced IR Control/ Remote and IR Jack RS-232 Control Video/ Unbalanced (NO VIDEO GUI)
<b>3G</b> 16 GB / 7-2008 8 GB / 7-2008	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- Supports Component, Composite/S-Video	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Component, Composite/S-Video
<b>Gen 1</b> 16 GB / 6-2007 8 GB / 6-2007 4 GB / 6-2007	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- Supports Component, Composite/S-Video	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Component, Composite/S-Video
iPod Touch	IW-20	IW-21	IW-22
	Charging Audio/ Unbalanced (NOT Upgradeable)	Charging Audio/ Unbalanced IR Control/ Remote Video/ Unbalanced Upgradeable (NO VIDEO GUI)	Charging Audio/ Balanced or Unbalanced IR Control/ Remote and IR Jack RS-232 Control Video/ Unbalanced (NO VIDEO GUI)
<b>Gen 3</b> 32 GB / 9-2008 16 GB / 9-2008 8 GB / 9-2008	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- Supports Component, Composite/S-Video	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Component, Composite/S-Video
<b>Gen 2</b> 32 GB / 2-2008	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- Supports Component, Composite/S-Video	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Component, Composite/S-Video
<b>Gen 1</b> 16 GB / 9-2007 8 GB / 9-2007	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- Supports Component, Composite/S-Video	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Component, Composite/S-Video

Model	Features	Features	Features
iPod Classic	IW-20	IW-21	IW-22
	Charging Audio/ Unbalanced (NOT Upgradeable)	Charging Audio/ Unbalanced IR Control/ Remote Video/ Unbalanced Upgradeable (NO VIDEO GUI)	Charging Audio/ Balanced or Unbalanced IR Control/ Remote and IR Jack RS-232 Control Video/ Unbalanced (NO VIDEO GUI)
<b>Gen 2</b> 120 GB / 9-2008	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- Supports Component, Composite/S-Video	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Component, Composite/S-Video
<b>Gen 1</b> 160 GB / 9-2007 80 GB / 9-2007	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- Supports Component, Composite/S-Video	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Component, Composite/S-Video
iPod Photo	IW-20	IW-21	IW-22
	Charging Audio/ Unbalanced (NOT Upgradeable)	Charging Audio/ Unbalanced IR Control/ Remote Video/ Unbalanced Upgradeable (NO VIDEO GUI)	Charging Audio/ Balanced or Unbalanced IR Control/ Remote and IR Jack RS-232 Control Video/ Unbalanced (NO VIDEO GUI)
<b>Gen 2</b> 60 GB / 6-2005 20 GB / 6-2005 30 GB / 2-2005	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- Supports Composite/S-Video	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Composite/S-Video
<b>Gen 1</b> 60 GB / 10-2004 40 GB / 10-2004	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- Supports Composite/S-Video	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Composite/S-Video

Model	Features	Features	Features
iPod	IW-20	IW-21	IW-22
	Charging Audio/ Unbalanced (NOT Upgradeable)	Charging Audio/ Unbalanced IR Control/ Remote Video/ Unbalanced Upgradeable (NO VIDEO GUI)	Charging Audio/ Balanced or Unbalanced IR Control/ Remote and IR Jack RS-232 Control Video/ Unbalanced (NO VIDEO GUI)
<b>Gen 5</b> 80 GB / 9-2006 30 GB / 9-2006 60 GB / 10-2005 30 GB / 10-2005	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- Supports Composite/S-Video	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Composite/S-Video
	Charging Audio/ Unbalanced (NOT Upgradeable)	Charging Audio/ Unbalanced IR Control/ Remote Video/ Unbalanced Upgradeable (NO VIDEO GUI)	Charging Audio/ Balanced or Unbalanced IR Control/ Remote and IR Jack RS-232 Control Video/ Unbalanced (NO VIDEO GUI)
<b>Gen 4</b> 40 GB / 7-2004 20 GB / 7-2004	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Composite/S-Video	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Composite/S-Video
	Charging Audio/ Unbalanced (NOT Upgradeable)	Charging Audio/ Unbalanced IR Control/ Remote Video/ Unbalanced Upgradeable (NO VIDEO GUI)	Charging Audio/ Balanced or Unbalanced IR Control/ Remote and IR Jack RS-232 Control Video/ Unbalanced (NO VIDEO GUI)
<b>Gen 3</b> 40 GB / 9-2003 20 GB / 9-2003 30 GB / 9-2003 15 GB / 4-2003 10 GB / 4-2003	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- NOT Supported Video- NOT Supported	Charging- Supported Audio- Supported IR Control- NOT Supported RS-232 Control- NOT Supported Video- NOT Supported

Model	Features	Features	Features
	Charging Audio/ Unbalanced (NOT Upgradeable)	Charging Audio/ Unbalanced IR Control/ Remote Video/ Unbalanced Upgradeable (NO VIDEO GUI)	Charging Audio/ Balanced or Unbalanced IR Control/ Remote and IR Jack RS-232 Control Video/ Unbalanced (NO VIDEO GUI)
Gen 2  20 GB / 7-2002 10 GB / 7-2002	Not Supported	Not Supported	Not Supported
Gen 1  10 GB / 3-2002 5 GB / 10-2001	Not Supported	Not Supported	Not Supported
iPod Nano	IW-20	IW-21	IW-22
	Charging Audio/ Unbalanced (NOT Upgradeable)	Charging Audio/ Unbalanced IR Control/ Remote Video/ Unbalanced Upgradeable (NO VIDEO GUI)	Charging Audio/ Balanced or Unbalanced IR Control/ Remote and IR Jack RS-232 Control Video/ Unbalanced (NO VIDEO GUI)
Gen 4  16 GB / 9-2008 8 GB / 9-2008	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- Supports Component, Composite/S-Video	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Component, Composite/S-Video
	Charging Audio/ Unbalanced (NOT Upgradeable)	Charging Audio/ Unbalanced IR Control/ Remote Video/ Unbalanced Upgradeable (NO VIDEO GUI)	Charging Audio/ Balanced or Unbalanced IR Control/ Remote and IR Jack RS-232 Control Video/ Unbalanced (NO VIDEO GUI)
Gen 3  8 GB / 9-2007 4 GB / 9-2007	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- Supports Component, Composite/S-Video	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Component, Composite/S-Video

Model	Features	Features	Features
	Charging Audio/ Unbalanced (NOT Upgradeable)	Charging Audio/ Unbalanced IR Control/ Remote Video/ Unbalanced Upgradeable (NO VIDEO GUI)	Charging Audio/ Balanced or Unbalanced IR Control/ Remote and IR Jack RS-232 Control Video/ Unbalanced (NO VIDEO GUI)
<b>Gen 2</b>  8 GB / 9-2006 4 GB / 9-2006 2 GB / 9-2006	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- Supports Composite/S-Video	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Composite/S-Video
	Charging Audio/ Unbalanced (NOT Upgradeable)	Charging Audio/ Unbalanced IR Control/ Remote Video/ Unbalanced Upgradeable (NO VIDEO GUI)	Charging Audio/ Balanced or Unbalanced IR Control/ Remote and IR Jack RS-232 Control Video/ Unbalanced (NO VIDEO GUI)
<b>Gen 1</b>  1 GB / 2-2006 4 GB / 9-2005 2 GB / 9-2005	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- Supports Composite/S-Video	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- Supports Composite/S-Video
<b>iPod Mini</b>	<b>IW-20</b>	<b>IW-21</b>	<b>IW-22</b>
	Charging Audio/ Unbalanced (NOT Upgradeable)	Charging Audio/ Unbalanced IR Control/ Remote Video/ Unbalanced Upgradeable (NO VIDEO GUI)	Charging Audio/ Balanced or Unbalanced IR Control/ Remote and IR Jack RS-232 Control Video/ Unbalanced (NO VIDEO GUI)
<b>Gen 2</b>  6 GB / 2-2005 4 GB / 2-2005	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- NOT Supported	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- NOT Supported
<b>Gen 1</b>  4 GB / 1-2004	Charging- Supported Audio- Supported	Charging- Supported Audio- Supported IR Control- Supported Video- NOT Supported	Charging- Supported Audio- Supported IR Control- Supported RS-232 Control- Supported Video- NOT Supported

## NEW iPort IW-2 Series Features Explained

### Charging

Charging is supported on most iPod models beginning with the release of the 3rd generation iPods in April 2003 to present including the new iPod Touch, iPhone 3G and iPod Nano.

### Audio

- Unbalanced All iPort models output unbalanced audio. Unbalanced audio is typically used if the iPort is in the same room as the A/V equipment. As a general rule, unbalanced audio can be sent up to 30 feet (9m). Beyond 30ft, line level audio should be balanced to minimize signal loss and noise pick-up.  
**Please note:**  
The IW-20 CANNOT be upgraded to work with the Balanced Audio Upgrade Kit PN# 70130.  
The IW-21 can be upgraded, please use PN# 70130.  
The IW-22 comes with the Balanced Audio components, including the Balanced Audio Sender Card and Balanced Audio Wallplate.
- Balanced iPort recommends balanced audio for wire runs greater than 30 feet (9m). iPort's balanced audio can be sent up to 500ft. (152m). For wire runs over 250 feet, supplemental power should also be provided. Please refer to the IW2 installation manual for more information.  
**Please note:**  
The IW-20 CANNOT be upgraded to work with the Balanced Audio Upgrade Kit PN# 70130.  
The IW-21 can be upgraded, please use PN# 70130.  
The IW-22 comes with the Balanced Audio Kit components.

### Video

- Unbalanced Both the IW-21 and IW-22 come with unbalanced video. The Unbalanced Video break out cable & wallplate create a composite video output. This output can be used to watch movies, music videos and photos.  
**Please note:**  
The IW-20 is not video-capable.
- Balanced iPort recommends using balanced video over wire runs greater than 30 feet (9m). Balancing the video signal will minimize noise and maintain signal integrity up to 500 feet.  
**Please note:**  
The IW-20 CANNOT be upgraded with the Balanced Video Kit PN# 70131.  
The IW-21 and IW-22 can be upgraded using PN# 70131.

## NEW iPort IW-2 Series Features Explained

### IR control

- Remote IR 'Remote' control refers to the IR receiver located on the front of the iPort. The IR receiver will only control the iPort and does not pass IR commands to other components in the system. The iPort (EX-1) remote is available in White (70032) or Black (70030). Additionally, iPort IR codes can be incorporated in learning remotes, such as Phillips Pronto, RTI and Universal. Please refer to [iPortmusic.com](http://iPortmusic.com) for a list of compatible remotes.  
**Please Note:** The IW-21 does not have a built in IR receiver and can not be controlled by remote control.
- IR Jack IR Jack refers to the 3.5mm IR mini jack located on the balanced audio wall plate included with IW-22. The IR jack can be connected to most IR repeater systems with a mono-mini cable.  
**Please Note:** The IW-20 cannot be upgraded to IR control.  
The IW-21 is not supplied with the Balanced Audio Wallplate which features the IR mono-mini jack; however it can be upgraded. Please use either the Balanced audio upgrade kit PN# 70130 or the wall plate only [PN# ????](#) IW-22 comes with the Balanced Audio Wallplate.

### RS-232 Control

This refers to the RJ-11 jack located on the Balanced Audio Wall plate. This jack allows 2-way serial control from 3rd party control companies such as AMX, Crestron, Control4 etc. The IW-22 comes with the necessary components to connect to most RS-232 control systems.  
Please Note:  
The IW-21 can be upgraded to work with RS-232 control. This will require both the Balanced Audio Upgrade Kit PAN# 70130 and RS232 Upgrade Kit PAN# 70012. For CAT5 runs under 30' the Balanced Audio Wall plate [PN# ????](#) can be ordered in place of the Balanced Audio Upgrade Kit.  
**When the RS-232 control mode is active IR control is limited to the following commands; Play/Pause Toggle, Next Track, Previous Track, Volume + and Volume - (Volume commands only work when set to variable)**  
**All other IR commands have no affect.**

If you need technical assistance please call iPort tech support at  
(888) 45-iPort / (888) 454-7678.