



**iPort Firmware History**  
**Confidential**

IW2 Series				
Version				
3.00	Original Firmware	The iPod is being controlled via RS-232 and appears to be playing but you can't hear the audio.	None	00 00 00 00 00 00 00
3.01	Update from 3.00	An IW-4 and IW-5 updated with the new Main Board (70125) can become unresponsive under certain conditions.	Fixed problem with iPod being controlled via RS-232.	31 32 33 34 35 36 37
3.02	Update from 3.01		Fixed problem with iPod being controlled via RS-232.	31 32 33 34 35 36 37
3.03	Update from 3.02	The failure mode was: the iPod would drop out of 2-way after about 30 seconds when removed then reinstalled in an iPort dock.	The new versions of firmware do not allow serial communications (RS-232) until iPod initialization and authorization is completed after an iPod is installed in the iPort dock.	31 32 33 34 35 36 37
3.04	Update from 3.03	The bug relates to the calculation of the checksum by the iPort firmware for large format packets received from the iPod. The bug shows up when the requested database record is longer than 252 bytes.	None	31 32 33 34 35 36 37
3.05	Update from 3.04	iPort would not correctly intercept a RemoteEventNotification message from the iPod when it was sent right after an extended lingo packet. The problem could really occur at any time since RemoteEventNotification messages can be sent asynchronously from the iPod, but from what I've seen, are only sent when a change to the play status or volume occurs.	Problem Fixed	31 32 33 34 35 36 37
3.06	Update from 3.05	No known problems	Allowable volume level was limited to 0x7F when set discretely with a RS-232 Set Volume Level command. A range of 0x00 to 0xFF is supported for the Set Volume Level command with this change.	31 32 33 34 35 36 37

**FS2 Series**

Version				
1.00	Original Firmware	The iPod is being controlled via RS-232 and appears to be playing but you can't hear the audio.	None	00 00 00 00 00 00 00
1.03	Update from 1.00		Fixed problem with iPod being controlled via RS-232.	31 32 33 34 35 36 37
1.04	Update from 1.03	The failure mode was: the iPod would drop out of 2-way after about 30 seconds when removed then reinstalled in an iPort dock.	The new versions of firmware do not allow serial communications (RS-232) until iPod initialization and authorization is completed after an iPod is installed in the iPort dock.	31 32 33 34 35 36 37
1.05	Update from 1.04	The bug relates to the calculation of the checksum by the iPort firmware for large format packets received from the iPod. The bug shows up when the requested database record is longer than 252 bytes.	None	31 32 33 34 35 36 37
1.06	Update from 1.05	iPort would not correctly intercept a RemoteEventNotification message from the iPod when it was sent right after an extended lingo packet. The problem could really occur at any time since RemoteEventNotification messages can be sent asynchronously from the iPod, but from what I've seen, are only sent when a change to the play status or volume occurs.	Problem Fixed	31 32 33 34 35 36 37
1.07	Update from 1.06	No known problems	Allowable volume level was limited to 0x7F when set discretely with a RS-232 Set Volume Level command. A range of 0x00 to 0xFF is supported for the Set Volume Level command with this change.	31 32 33 34 35 36 37

<b>Balanced Audio Wall Plate - 2 Series</b>				
Version				
1.00	Original Version	No known problems	None	31 32 33 34 35 36 37
1.01	Update from 1.00	The bug relates to the calculation of the checksum by the iPort firmware for large format packets received from the iPod. The bug shows up when the requested database record is longer than 252 bytes.		31 32 33 34 35 36 37

## Legacy Products

IW Main Board				
Version	Description	Known Problems	Fixes/ Changes	Lock Code(for firmware updates)
1.23	Original Firmware	3rd Gen iPods did not work with the IR capabilities. 3rd Gen iPod did not go into RS232 mode reliably. The Extended Mode Ack message was not reliably being reported.	Fixed lock up of previous version of 1.20 which was beta version.	00 00 00 00 00 00 00
1.28	Update from 1.23	Did not report when iPod was disconnected	Added report of firmware versions on Mainboard on the docking of an iPod, fixed IR problems and RS232 problems for 3rd gen iPods. Fixed buffer to allow the Extended mode ACK to be reliably sent to RS232 port.	31 32 33 34 35 36 37
1.29	update from 1.28	No known problems	Added report codes for iPod disconnect	31 32 33 34 35 36 37
1.31	New firmware to support Authentication Board (6501090)	Problem with QC process and having some iPort IW-2's staying in extended mode	Adds communication to Authentication IC. Enables Video Menu Navigation. <b>NOT compatible with RS232 card # 6501080</b>	31 32 33 34 35 36 37
1.40	Update from 1.31	No known problems	Fixed problem with firmware so iPort could not get stuck in 232 mode with no RS232 card. No protocol changes.	31 32 33 34 35 36 37

### FS Main Board

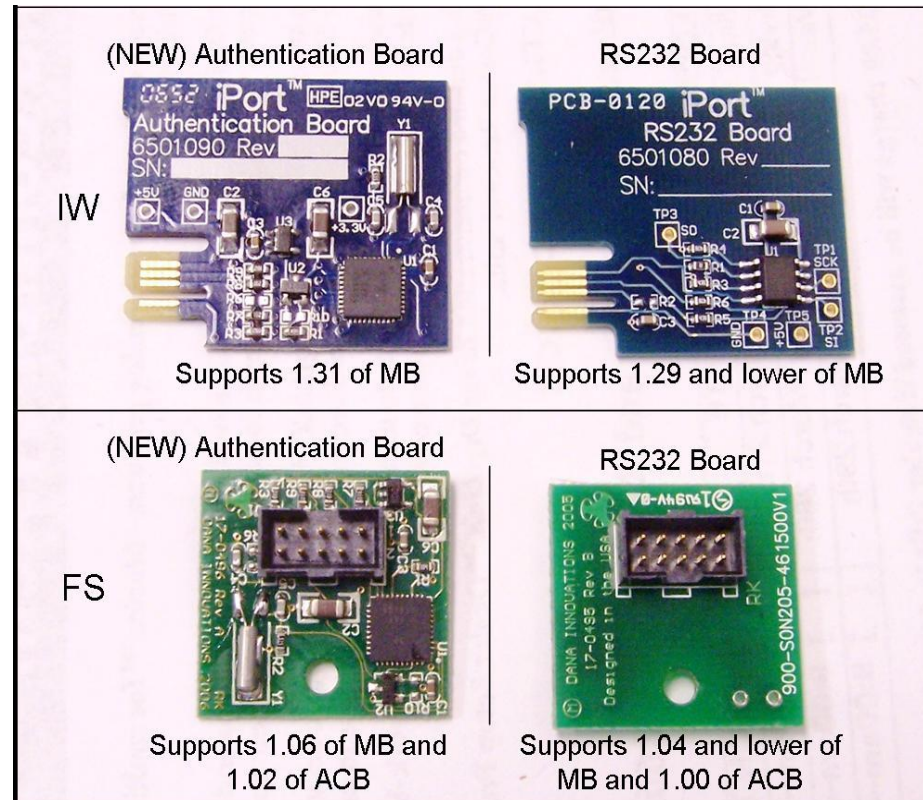
Version				
1.03	Original Firmware	Did not report when iPod was disconnected	None	31 32 33 34 35 36 37
1.04	Update from 1.03	No known problems	Added report codes for iPod disconnect	31 32 33 34 35 36 37
1.06	New Firmware to support Authentication Board ( <b>Need to update ACB Board to 1.02</b> )	No known problems	Adds communication to Authentication IC. Enables Video Menu Navigation. <b>NOT compatible with RS232 card # 70-1199</b>	31 32 33 34 35 36 37

### Balanced Audio Wall Plate

Version				
1.15	Original Firmware	No known problems	None	00 00 00 00 00 00 00
1.16	Recompiled version of 1.15 and locked	No known problems	The firmware was recompiled to gain space in memory.	31 32 33 34 35 36 37
1.17	Update from 1.16	No known problems	Added AMX beacon	31 32 33 34 35 36 37

Advanced Connection Box				
Version				
1.00	Original Version	No known problems	None	31 32 33 34 35 36 37
1.02	New firmware to support Authentication Board <b>(Need to update Main Board to 1.06)</b>	No known problems	Added firmware to handle AIC RS232 card. <b>NOT compatible with RS232 card # 70-1199</b>	31 32 33 34 35 36 37
1.03	Recompiled version of 1.02 No change made	No known problems	The firmware was recompiled to gain space in memory.	31 32 33 34 35 36 37

Image 1



Firmware can be retrieved from any device by plugging the iPort into the RS232 port of a computer and using the SIOM software to query the iPort