

v1.0



# VI and SI Dante Card Update/AES 67

## Updating VI and SI Dante Cards Using Dante Controller & Enabling AES 67:

The latest firmware version for the VI and SI Dante cards support AES 67. This includes the S21m Dante Card used in Local Rack (v4.0.9.1), the VIx000 Internal Dante Interface (v4.0.8.2), and the Si Dante Card (v4.0.8.2).

#### **Updating using Dante Controller v4.2.3.1 or above:**

1) Open Dante Controller. You may see that an update shows to be available right away. If not, click on File/Dante Updater to open the update loader.

2) If the Dante card is recognized, and the firmware file is available, the device(s) will show in the "Update(s) Available" windows. Click "Update" next to each device, then select "Update Selected Devices" at bottom right of screen.

٥	Dante Updater 1.0	4								- 🗆	×
нс	ME LIBRARY	HISTORY	FAIL-SAFE							•	9.
	▼ UPDATE(	i) AVAILABLE	:								
	UPDATE ~	DEVICE NAME	₩A.	MANUFACTURER TA	MODEL NAME	STATUS 🖘	PRODUCT VERSION	LATEST PRODUCT VAN	DANTE VERSION	LATEST DANTE VERSION	*
		▶ Vi7KDan	te1	Harman	D21M Dante Option Ca	🚄 Out of date	1.0.3	1.0.3	3.10.1.2	4.0.9.1	
	UP-TO-D	ΤE									
Γ		MANUFACT	URER								
2	ELECT ALL C	LEAR ALL							UPDATE S	ELECTED DE	/ICES

3) Update should complete and remind you to reboot the device. Do that reboot and you should then be on the latest version.

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4) If no devices show in the "Update(s) Available" list, check the "Library" for the Harman devices that you are trying to update. If you will be running the update offline from the internet, you must download the needed files beforehand while you have network connectivity.

♦ Dante Updater 1.0.4 — □ ×										
OME	LIBRARY HISTORY FAIL-SAI	FE					3.			
SELECT	MANUFACTURER	MODEL NAME	STATUS 🖙	PRODUCT VERSION	DANTE VERSION	RELEASE DATE	DEVICE LAST DISCOVERED			
	Glensound	Beatrice X4	<b></b>	Glensound Beatrice	4.1.4.2	Wed Jul 31 2019				
	Glensound Electronics	Symphony	<b></b>	1.0.0	4.0.9.1	Wed Jul 31 2019				
	Glensound Electronics	DARK16165	<b></b>	1.0.0	4.0.9.1	Wed Jul 31 2019				
	Glensound Electronics	Inferno	Ф	1.0.1	4.1.1.4	Wed Jul 31 2019				
	Glensound Electronics	DARK1616M	¢	2.0.0	4.0.9.1	Wed Jul 31 2019				
	Glensound Electronics	AOIP44	¢	Glensound AOIP44	4.0.10.2	Wed Jul 31 2019				
	Glensound Electronics	Paradiso	ф	2.2.0	4.0.9.1	Wed Jul 31 2019				
	Harman	Si Dante Option Car	×	1.0.1	4.0.8.2	Tue Sep 25 2018				
	Harman	Vix000 Internal Dant	<u>×</u>	1.0.1	4.0.8.2	Tue Sep 25 2018				
	Harman	D21M Dante Option	<b>×</b>	1.0.3	4.0.9.1	Tue Sep 25 2018				
	Harman International	Soundweb London	¢	1.2.0	4.0.7.8	Mon Apr 1 2019	Feb 13, 15:29 PM			
	HuaNanAudio	UDSP	•	1.0.1	3.10.1.12	Sun Nov 18 2018				
	IED	IPUSBD16	<b>O</b>	0.0.0	4.0.7.8	Thu Apr 4 2019				
	IED	5432DZM B Chans	<b>.</b>	1.0.0	4.1.4.2	Thu Apr 4 2019				

5) If you have the library files available, and you still see no devices in the "Update(s) Available" list, then a manual update using the older Dante Firmware Update Manager software is needed.



#### Updating using Dante Firmware Update Manager v3.10.6.2:

I) Open Dante Firmware Update Manager. Select your Ethernet port and hit "Next".

2) Click "Update Dante Firmware".

3) Download the correct Dante firmware file (.dnt). Browse until you find the correct firmware file for your device, then hit "Next". Firmware files are attached with this document.

🙋 Dante Firmware Update Manager v3.10.6.2		_	×
<b>Firmware Update Mana</b> Select Firmware Update File	ger		y
Override Device Matching		Browse	c
Ba	lack	Next	

#### If Nothing Shows Up In List, You Can Check "Override Device Matching" To Allow Any File To Be Downloaded. Be Aware That Incorrect Firmware COULD Be Loaded SO Be Very Careful To Select Correct Version!!

Name	Date modified	Туре	Size
D21mDanteCard_4.0.9.1.dnt	7/27/2018 11:40 AM	DNT File	4,860 KB
SoundcraftSiDanteCard_4.0.8.2.dnt	5/31/2018 11:24 AM	DNT File	4,860 KB
SoundcraftVix000InternalDanteInterface	5/21/2018 1:48 PM	DNT File	<u>4,860 KB</u>
SoundcraftVix000Inter Type: DNT File Size: 4.74 MB Date modified: 5/21/2	rnalDanteInterface_4.0.8 2018 1:48 PM	3.2.dnt	

4) The Dante card should show up in the update list and you can run the update.

5) If the Dante card doesn't show up, you can check the "Override Device matching" checkbox and that should allow you to see the device and send file to it.



6) After complete, make sure to reboot the device.

### Enabling AES 67:

I) In Dante Controller, open the device then click on the "AES 67" tab. Enable AES 67, then reboot the Dante card.

File Device View Help     Routing Device Info Corrent     PetesdBU806     PetesdBU806     PetesdBU806     Current: Enabled     New: Enabled     New: Enabled        P: S: :                                File Device Transmit Status Latency Device Config Network Config AE567 Config     PetesdBU806      PetesdBU806        PetesdBU806         PetesdBU806        PetesdBU806        PetesdBU806        PetesdBU806   P: S: :	<u>@</u>	Dante Controller - Device View (SoundcraftSiConsolePetes) –	×
Device Name PetersBL0805       receive inationing status leaders / Device coning record coning       * Secondary Link down *         SoundcraftSConsolePetes	File Device View Help	File Device View Help           SoundcraftSiConsolePet	0
PetereBLU806 Peteres  AE567 Mode  Current: Enabled New: Enabled New: Enabled RTP Multicast Address Prefix Current Prefix: 239.69.XXX.XXX New Address Prefix:	Device Name	Receive Transmit Status Latericy Device Cornig Network Cornig	y Secondary Link Speed
Ptevenu380-1 SoundraftSConsolePetes	PetesBLU806		Link down 🔺
SoundcraftSiConsolePetes	PeteVenu360-1		Link down
r       S:       Clock Status Monitor:	SoundcraftSiConsolePetes		Link down
P: S: Clock Status Monitor:		AES67 Mode Current: Enabled New: Enabled v RTP Multicast Address Prefix Current Prefix: 239.69.XXX.XXX New Address Prefix: Set Reset Device Reset Device Reboot Clear Config	~
	P: 🧧 S: 🔲		Clock Status Monitor: 📄



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Routing Device Info Cloc	Receive Trans	mit Create a	a new multicast flow   Netwo	rk Config AES67 (	Config	
Device Name			Receive Channels		Available Channels	y Secondary Link Speed
PetesBLU806	Channel	Signal	Connected to	Status	Filter	Link down
PeteVenu360-1	01			^	⊕ PetesBLU806	Link down
SoundcraftSiConsolePetes	02				Petevenu360-1     SounderaftSiConcoloPotoc	Link down
	03	C (0)	Dante Out3@PeteVenu360	<u>A</u>	The soundcrates consoler etes	
	04	C (0)	Dante Out4@PeteVenu360	<u>A</u>		
	05	(I) (I)	Dante Out5@PeteVenu360	<u> </u>		
	06	u(0)	Dante Out6@PeteVenu360	<u> </u>		
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File Device View Help	File Device Minurel	1.1.2	create manieast		· · · · · · · · · · · · · · · · · · ·			
		¢	SoundcraftSiConsolePete to 8 channels per f	es supports up flow.	0			0
Routing Device Info Cloc	Receive Transmit	Status I	RTP flows for AES67 have a maximum	of <b>8</b> channels per flow.				
Device				1 1. 1. 1.	le Channels	y	Secondary	
Name		s	elect one or more transmit channels to b	e placed in multicast flows.	ne channels		Link Speed	
PetesBLU806	Channel S	ignal					Link down	^
PeteVenu360-1	01		Flow Config (Optional)				Link down	
SoundcraftSiConsolePetes	02			@ AE007	plePetes		Link down	
	03 0	(0)	O Dante	AE567				
	04 🔍	(a)						
	05 0	(4)	Destination Address: <ul> <li>Auto</li> </ul>	() Manual				
	06 0	(0)						
	07							
	08		Channel	- Add to				
	09		Name	New Flow				
	10		01	<ul> <li></li> </ul>				
	11		02	~				
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3) Under the "Transmit" tab, you will see the RTP Multicast Flow address.

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File Device View Help	File Device View Hel	p			
		H 🕞 💿	undcraftSiCo	nsolePet 🗸	
Routing Device Info Cloc	Receive Transmit Stat	tus Latency Device Config Network Config	AES67 Config	]	
Device Name		Transmit Channels		Transmit Flows	y Secondary Link Speed
PetesBLU806	Channel	Signal Channel Label		Unicast: 0	Link down 🔺
PeteVenu360-1	01	a[[0]	^	Total: 2 of 32	Link down
SoundcraftSiConsolePetes	02	u[]0)		BTP Multicast Flow 31: 01.02	Link down
	03	ul[0)		Primary: 239.69.203.97:5004	
	04	0.((d)		Secondary: 239.255.95.93:4321	
	05	ulla)		Multicast Flow 32: 01,02	
	06	0.((a)			
	07	0.[[4]			
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