TASCAM

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Latest information

Always use the most recent firmware version for this unit. For information about the latest firmware, visit the TEAC Global Site (http:// teac-global.com/).

New functions

IF-DA2 Dante firmware

V1.10 additions

- Dante Domain Manager is now supported.
- The AES67 audio network interoperability standard is now supported.
 - In V1.10, the Dante Software Version will be 4.1.1.4, and the firmware Version will be 4.1.1.1. Dante Software Version: 4.1.1.4 Dante Firmware Version: 4.1.1.1



IF-DA2 Dante firmware update procedures

The Dante firmware for the IF-DA2 installed in the unit can be updated using an application installed on a computer connected to the Primary network.

Please download the latest applications compatible with the computer operating system from the Audinate website links below and install them on the computer before starting the firmware update.

Dante Firmware Update Manager

https://www.audinate.com/products/firmware-update-manager

Dante Controller

https://www.audinate.com/products/software/dante-controller

Checking the IF-DA2 Dante firmware version

1. When Dante Controller is launched, the screen shown below will open.

The device name will appear if the computer and the Dante device are connected properly.

To check the version of a device, double-click its name.



IF-DA2 Dante firmware update procedures

 Download the latest firmware from the TEAC Global Site (http://teac-global.com/).

If the downloaded file is in ZIP format or another compressed file type, decompress it.

After downloading and decompressing the latest Dante update file (IF-DA2_full_Vx.xx.dnt), copy it to any directory.

(For example, copy it to the desktop.)

The "**Vx.xx**" in the file name is the version number. Confirm that it matches the latest version number.

- **3.** Confirm that the power is in standby for the SS-CDR250N/ SS-R250N that has the IF-DA2 installed.
- **4.** Use a LAN cable to connect the computer Ethernet port and the IF-DA2 connector.
- **5.** Turn on the SS-CDR250N/SS-R250N that has the IF-DA2 installed.

2. Click the Status tab.

The version number is shown below framed in red (). Updating is not necessary if the number shown here is the same or newer than the firmware version you intend to use for the update.



6. Launch the **Dante Firmware Update Manager** installed on the computer.

After launching, the following screen will appear. Click the *Next* button.







7. Click the Update Dante Firmware button.

10	Dante F	irmware Update Manager	v3.10.2.4	
	(4	<u>fudinat</u>	te	
	Firm	ware Update Ma	nager	
		Choose Mode		
		Update Dante Firmware		
		Failsafe Recovery		
			Ba	ick 0

Click the *Browse* button. Then, select and open the file copied in step 2.

Click the *Next* button.

	6	· · d'	4	
		udina	te	
	Firmur	are Undate M	anager	
	1111100	are opuate M	anayei	
	5	elect rimware update ri	le .	
CYLIS	aroetasram teareDesirtoneII	-DA2WE-DA2 full V1 10 dot		Browne
0.405	sise cascall _ ceace preskcope p	-0A240-0A2_00_01.10.000		Browse
Ove	rride Device Matching			
			2 th	

9. When the following screen appears, if "*Finding matching devices...*" is shown in the area framed in red (), the application is looking for Dante devices that can be updated with the IF-DA2 Dante firmware selected in step **8**. Wait while it does so.



When the text framed in red () becomes "XX matching devices found (of YY total)", this shows the total number of devices connected to the same Dante network as the computer (YY) and how many can be updated (XX).

CAUTION

If the text framed in red () becomes "*No matching devices found (of YY total*)", confirm that the device you want to update is connected properly to the computer.

10. When the text framed in red (□) becomes "XX matching devices found (of YY total)", put a check (✓) next to the Dante device you want to update, and click the Start button.

	Firm\ 1m	ware Upda natching devices f	ate Mana	ger	
Upload File: IF-DA2_1 Select All	ful_V1.10 (v4.1.1) for TE	AC Corporation: IF-D	42		
Name	Manufacturer	Model	Version	Ib	
IE-DA2-Dante2	TEAC Corporation	IF-DA2	4.1.1.4	192.168.100.7	Ready

11. Click the *OK* button.

Clicking the **OK** button starts the IF-DA2 Dante firmware update.

Updating could take about 3–10 minutes, during which no progress may be visible at times.

	Firmware Update Manager	
Lipland Ele: TE-DA2_f	Upgrade Devices?	
Select All Select All IF-DA2-Dante2	You are about to upgrade Dante device firmwans. Please ensure Dante devices are NOT turned off during this oppration. Updating can take a few minutes for each divide the minutes, progress message do not dharp for more than free minutes, progress message do not dharp for more than free minutes, progress message do not dharp for more than free progress message do not dharp for more than for more progress message do not dharp for more than	rady
	ОК * #У/±//	
<		

12. When the following pop-up message appears, click the *OK* button.

1 matching devices round (or 1 total)	
(1.10 (v4.1.1) for TEAC Comoration:1E-042 Upgrade done	
1 devices have been upgraded. The upgrade will take effect when devices are next restarted. Please restart upgraded devices now.	Done
OK	
ОК	





13. Click the *Quit* button to quit Dante Firmware Update Manager.



- Put the SS-CDR250N/SS-R250N power into standby, and wait about 10 seconds.After waiting about 10 seconds, turn the SS-CDR250N/SS-R250N on.
- **15.** Launch the Dante Controller application installed on the computer.

16. When Dante Controller is launched, the screen shown below will open.

The device name will appear if the computer and the Dante device are connected properly. Double-click the name of the device that you just updated.

<u>@</u>							[Dan
File Device View Help								
🕗 🖿 🚖 🖿								
Routine Device Info Clock Status Ne	twork	Statu	IS E	ver	nts			
Dante"	SIG	-DA2-800121	58	-DA2-80012b -	88	D/64-040c92 +	DA64-040cf4 +	Windows 7PC +
Filter Receivers	te Transmitt	4		4		ų.	ű.	
⊞ ⊟ Dante Receivers	+ Dan							
F-DA2-800121						H	H	Ŧ
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- IF-DA2-80012b	Q				ç	2	Ŧ	Ŧ
-01	8	-	0			-		
IF-DA54-0d0c92		+		+		+	+	+
+ IF-DA54-0d0cf4		+		+		+	+	+
+ Windows7PC		+		+		+	+	\pm

17. Click the *Status* tab, and confirm that the version numbers framed in red () are the latest, completing the update.

<u>@</u>	Dante Controller - Device View (IF-DA2-Dante3)	- • ×
File Device View Help		
🗲 🔀 🔤 🕫 🗄	IF-DA2-Dante3 V	0
Receive Transmit Status	Latency Device Config Network Config AES67 Config	
Device Infor	Manufacturer TEAC Corporation Product Tierl (PCA2 Software Version 11.0 Firmare Version 11.0	
	Model UltimoX2 Dante Firmware Version: 4.1.1.4 Hardware Version: 4.1.1.1 POM/Boot Version: 1.0.0	
Clock Sends	mistin	
	Mute Status: Unmuted Sync Status: Lacked External Word Clack: No Preferred No Frequency Offset 26 ppm	
Interfaces -		
Р	IP Address: 192.168.101.8 MAC Address: 001DC1800837 Clear Counters 000 No Utilisation: 4 Mbps Errors: 0	
	,	

Recovery procedures if a failure occurs during IF-DA2 Dante firmware update

If an update fails while underway because, for example, the app was forcibly quit or the network connection was interrupted, the name of the device will appear red in Dante Controller to show that it is in fail-safe mode. The following procedures must be conducted to recover.

1. Launch Dante Controller.

Double-click the name of the Dante device shown in red. An indication like the one framed in red () shows that it is in fail-safe mode.

Make a note of the 6 alphanumeric characters (digits) indicated by dotted red lines (____).



2. Launch Dante Firmware Update Manager, and click the *Next* button.

10	Dante Firmware Update Mana	ager v3.10.2.4	
	audio	ato	
	<u>(21001116</u>	Jle	
	Firmware Update	Manager	
	Select the network interface used for the	primary Dante network	
	Ethernet	~	





3. Click the *Failsafe Recovery* button.

tes.	Dante Firmware Update Manager v3.10.2.4	- • ×
	<u><u><u>Audinate</u></u></u>	
	Firmware Update Manager	
	Choose Mode	
	Update Dante Firmware	
	Falsafe Recovery	
	В	ack Quit

4. If any devices in fail-safe mode are on the network, their Mac addresses will be shown after scanning.

If the 6 alphanumeric characters (digits) that you made note of in step **1** match the 6 characters shown (____), put a check (\checkmark) next to it and click the *Start* button.

			<u>1Udi</u>	<u>nate</u>	
		Firmv	vare Upd	ate Manag	er
		,	Ready to start :	safe recovery.	
expande	d Search				
ilsafe Re	covery Directory:				
	MAC Address	IP Address	BOOTP RX Port	BOOTP TX Port	Status
	:1d:c1:0d:0c:a4		6700	6800	

5. Click the *OK* to start Recovery mode. Recovery mode could take about 3–10 minutes.



6. Click the OK button.

Put the SS-CDR250N/SS-R250N power into standby, and wait about 10 seconds before turning it on again.

		Firmware Update Manage	r
		Safe Recovery Done.	
🗌 Expa	nded Search		
Failsafe	Recovery Directory:	C:\Program Files (x86)\Audinate\Dante Firmware Upd	ate Manager¥Restore
	MAC Address	IP Address BOOTP RX Port BOOTP TX Port	Status
	i	Recovery image uploaded. Please wait for device to recovery process and restart. This might take up to two minutes.	complete
۲			ок

7. Launch Dante Controller, and confirm that the name of the updated device appears black, showing that it has been recovered.

2					[Dan
File Device View Help						
🐓 🖿 ★ 🚠 🖽 🕀						
Routing Device Info Clock Status Network S	Status	Ev	ents			
Dante [™] Filter Transmitters	IF-DA2-800121 - 01-	00 11 12 12 12 12 12 12 12 12 12 12 12 12 1	- 10	00- 15-D.464-040-99 +	IF-DA64-040of4 +	Windows 7PG +
Filter Receivers						
E E						
□ Dante						
+ - Dante Receivers	_		_	_		
-01			•			100
-02 🖉				9		
- IF-DA2-8001 2b	E		-	H	+	+
-01	S					
+ IF-DA54-0d0c92	+	-	F	H	Ŧ	Ŧ
+ IF-DA54-0d0cf4	+	E	H	H	•	+
+ Windows7PC	+	F	H	+	+	+