

### NST AUDIO产品设备固件和Dante固件

# 升级指南





WWW.NSTAUDIO.CN

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### NST AUDIO产品设备固件升级篇:

关于NST AUDIO所有产品的最新固件是包含在最新版本D-NET软件里的,可以在这里 下载最新版本软件:

https://nstaudio.com/software-downloads/

或

http://nstaudio.cn/software-downloads/

也可以打开D-NET软件,在菜单上找到"Help"里的 "Check for Updates"并点击更新,确保你有最新版本的软件,

连接上NST AUDIO产品设备,如有出现有黄色 🐴 图标提示界面,说明软件和机器固件不一致请升级固件:



双击模块打开模块后在右上角也会出现黄色提示 "Firmware Update Available"

NST Audio D485 - NST AUDIO D48S

NST AUDIO D48S

NST AUDIO D48S

Firmware Update Available 
ID

Routing Limiters
EQ
DEQ
GEQ
Presets
System
Monitor
Routing Mode : Mix Matrix
Routing Wizard
View

打开设备的控制面板,点击"System"页面按钮。



如固件需要升级,"Upgrade Firmware"按钮右边有黄色文字直接显示新的固件版本。

点击 "Upgrade Firmware" 按钮,将打开下面的对话框:

Upgrade Firmware	×
Load Firmware	

点击 "Load Firmware" 按钮,出现警告对话框,如果继续请点击 "Yes" 按钮:

	D-Net	×
<u>^</u>	Don't touch ANYTHING while firmware is loading. Are you sure you want to continue?	
	Yes No	

经过短暂的停顿,固件升级进程将开始当新固件加载时,进度条将向右移动:

Upgrade Firmware	×
Load Firmware	

当固件加载完毕,另一个对话框将出现:



### 这时该机器不再有音频信号通过或不能连接到D-NET软件!

需要关闭电源并重启设备 ......

再次连接上处理器后并检查升级后的最新固件版本。

8	
	NST AUDIO D48S
AUDIO	Routing Limiters EQ DEQ GEQ Presets System Monitor
D48S	
Information	
IP Address : 192.16	8.0.109
MAC Address : 252	:194:61:14:96:187
Sample Rate : 9600	
Firmware Version : (	0.1.0.1/6 nt : 0
Message Life Ou	
Lock Device	

注明:

#### 升级完成重启后检查固件时"Upgrade Firmare"的按钮不再出现。

不同版本固件的机器需要对应版本的D-NET软件操作,请检查固件和软件是否相同!

其它相关中文资料请登录网站WWW.NSTAUDIO.CN下载。

## Dante设备固件升级指南

关于VMX88/VMO16支持Dante功能产品的最新版本Dante固件是包含在最新版本Audinate Dante Controller软件里的, D-NET软件不支持Dante固件更新功能, 可以在这里下载最新版本软件:

https://my.audinate.com/support/downloads/download-latest-dante-software?lang=zh-hans

Dante Controller软件可用于Windows和macOS系统。

如果已经安装Windows或macOS系统版本的Dante Controller软件可以通过软件自带的更新功能, 在线检查和更新保持Dante Controller为最新版本,操作如下:

macOS版本的在线检查和更新Dante Controller软件:

Dante Controller	📔 🛛 ABC 🖶 🛜 🔽 100% 📾 12月23日周三 10:37:03 🔍 🚍
About Dante Controller	Dante Controller - Network View
Check for Updates Services	Grand Master Clock: VMX88-TEST ?
Hide Dante Controller 第H Hide Others て第H	Device Info Clock Status Network Status Events
Show All	
Quit Dante Controller %Q	Updating Dante Controller
Filter Receivers	Cancel
H Dante Receivers	
± VM016-NEW	
VMO16-TEST	
🗄 VMX88-TEST 🛛 💆 🗄 🗄	
P: 🔛	Unmanaged Multicast Bandwidth: 0 bps Event Log: 🥃 Clock Status Monitor: 🥃

Windows版本的在线检查和更新Dante Controller软件:

e Device View Help			
About License		Grand Master Clock: UMUSS-TEST	
Check fo	or Updates		
Dante Online H	lelp F1		
ilter Iransmitte 🕜 Offline H	lelp Shift+F1		
	i i		
lter Receivers	e Trans		
	ant Dant		
Dante Receivers			
1016-NEW	🥑 🕀 🕀		
IO16-TEST	🔮 🗄 🗄		
X88-NEW			
	¢		

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#### 安装和更新最新版本后打开Dante Controller软件,网络设置注意事项:

• • •	Dante Controller - Network View	
File Devices View Help		
	Primary Leader Clock: VM016-TEST	?
	Routing Device Info Clock Status Network Status Events	
Filter Transmitters		
P: 🧧 S: 🔲	2 devices Audio Multicast Bandwidth: 0 bps Event Log: 🥃 Clock Status Monitor	

点击网络图标,如果选择的是无线网络,当前仅可以用于路由控制,不能用于下载和更新设备固件。



#### 在线下载和更新设备的Dante固件时请选择有线网络,

000	Configure Dante I	nterfaces in Unmanaged mode
Se will use to co	elect the network in ommunicate with o	terface that the Dante Controller ther Dante devices ( <b>in unmanaged mode</b> ):
🗌 Use share	ed Dante interface	
Primary Inte	rface:	en4 IP: 192.168.0.57 MAC: D0
Secondary I	nterface:	None         IP: No Address           MAC:         00:00:00:00:00:00
		Ok

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设备的Dante固件可在使用有线网络有外网的情况在线下载固件直接升级,或提前下载好所需的 Dante固件用于无外网的情况下升级固件,选择有线网络后点击"Dante Updater "



点击"LIBRARY"在"Search"栏里直接搜索NST后列出相关设备,打钩 √ NST Audio的VMX88 和VMO16的最新固件并点击"DOWNLOADFIRWARE"开始下载固件,

•					Dante Updater 2.0.3			
ме	LIBRAR	HISTORY FAIL-SAFE						🛪 English 👻 📕
▼AUD	DINATI	E LIBRARY FILES						
						(	NST	
	ו	MANUFACTURER	MODEL NAME	STATUS 🔸	PRODUCT VERSION	DANTE VERSION	▼▲ RELEASE DATE ▼▲	DEVICE LAST DISCOVERED
		NST Audio	VMO16	¢	0.2.0	4.2.4.2	Thu, Oct 8, 2020	
		NST Audio	VMX88	¢	0.2.0	4.2.4.2	Thu, Oct 8, 2020	
0	0	AudioScience	lyo Dante 8.8M	¢	3.2.1	4.0.9.1	Mon, Dec 16, 2019	
0		StewartAudio	DSP100-2-CV-D	¢	2.0.0	4.2.2.3	Fri, Nov 6, 2020	
0	0	Audio-Technica	ATND971a	¢	1.0.1	4.2.2.3	Wed, Dec 9, 2020	
6	0	Audio-Technica	ATND8677a	¢	1.0.1	4.2.2.3	Wed, Dec 9, 2020	
C		AudioScience	lyo Dante 32.0MR	•	3.2.1	4.0.9.1	Mon, Dec 16, 2019	
DOWN	ILOAD F	FIRMWARE DELETE ALL DOV	VNLOADS					CLEAR DISCOVERED DEVICE
▶ IMP	ORTE	D FILES						

#### 等待固件下载完毕……

UDIN/	ATE LIBRARY FILES	24 %				_=	
	MANUFACTURER	Downloading files (2	:/2)				DEVICE LAST DISCOVERED
	NST Audio	VM016	~	0.2.0	4.2.4.2	Thu, Oct 8, 2020	
	NST Audio	VMX88	ę	0.2.0	4.2.4.2	Thu, Oct 8, 2020	
	AudioScience	iyo Dante 8.8M	•	3.2.1	4.0.9.1	Mon, Dec 16, 2019	
	StewartAudio	DSP100-2-CV-D		2.0.0	4.2.2.3	Fri, Nov 6, 2020	
	Audio-Technica	ATND971a	÷	1.0.1	4.2.2.3	Wed, Dec 9, 2020	
	Audio-Technica	ATND8677a	•	1.0.1	4.2.2.3	Wed, Dec 9, 2020	
	AudioScience	lyo Dante 32.0MR	*	3.2.1	4.0.9.1	Mon, Dec 16, 2019	

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成功下载固件或提前已经下载好固件的,点击"HOME"返回主界面,Dante Updater将扫描网络中可用的Dante设备,并显示所有具有固件的设备可用更新:

IE LIBRARY	HISTORY FAI	IL-SAFE											(
UPDATE(S)	AVAILABLE												
UPDATE TA	DEVICE NAME	ΨA.	MANUFACTURER	VA.	MODEL NAME	∼∽ status	74	PRODUCT VERSION	PR VE	TEST ODUCT ** RSION	DANTE	7.6 I	LATEST DANTE VERSION
	• VMX88-00016	e	NST Audio		VMX88	🚄 Out of da	ate	0.1.0	0.	.2.0	4.2.1.8		4.2.4.2
UP-TO-DAT	ΓE												
CONCULT													
CONSULL	MANUFACTURE	R											
CONSULT	MANUFACTURE	R											
CONSULT	MANUFACTURE	R											
CONSULT	MANUFACTURE	R											
CONSULT	MANUFACTURE	R											
CONSULT	MANUFACTURE	R											
CONSULT	MANUFACTURE	R											
CONSULT	MANUFACTURE	R											
CONSULT	MANUFACTURE	R											
CONSULT	MANUFACTURE	R											
CONSULT	MANUFACTURE	R											
CONSULT	MANUFACTURE	R											
CONSULT	MANUFACTURE	R											

选择要更新的设备,然后单击"Update Selected Devices"按钮,准备升级选择的设备:

•			Dante Updater 1.0.5					
IE LIBRARY	Y HISTORY FAIL-SAFE							9
UPDATE(S	S) AVAILABLE							
	DEVICE NAME	MANUFACTURER	MODEL NAME	STATUS TA	PRODUCT VERSION	LATEST PRODUCT TA	DANTE version	LATEST DANTE TA VERSION
	VMX88-00016e	NST Audio	VMX88	🚄 Out of date	0.1.0	0.2.0	4.2.1.8	4.2.4.2
UP-TO-DA	ATE							
	MANUFACTURER							
						12		

#### 然后在计算机上单击"Update Now",确认对话框开始升级固件,同时音频会暂时中断:

		Dante Updater 1.0.5	
HOME		1 DEVICES WILL BE UPDATED	<b>9</b> .
<b>•</b> (	DEVICE NAME -	IP ADDRESS	UPDATE STATUS
	VMX88-00016e	169.254.234.79	Ready for update
► u	Do not powe	off or lisconnect your computer or devices while upo	lates are in progress
SELECT	ALL CLEAR ALL		UPDATE SELECTED DEVICES

如有必要时可以将最新固件提前下载到电脑本地,然后再更新设备的固件:

		Dante Updater 1.	0.5			
	UPDATING IN PROGRESS					
DEVICE NAME	ΨA	IP ADDRESS	Ψ.L.	UPDATE STATUS		
VMX88-00016e		169.254.234.79	(			
- L - C	A Do not power	off or disconnect your computer	or devices while up	dates are in progress		

正在进行更新时,请勿关闭电源或断开计算机或设备的连接!

### 固件更新完成后,将需要重启设备以使更新生效!