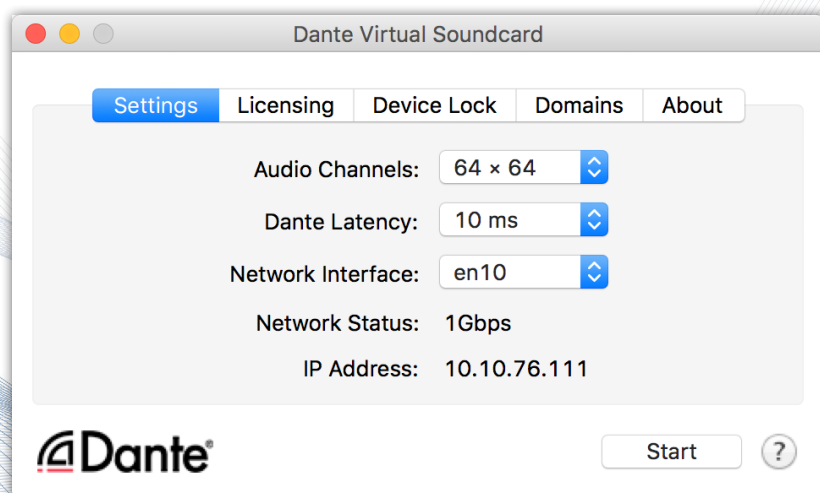


# Dante

## VIRTUAL SOUND CARD

Digital Media Networking Perfected



## Digital Audio Networking Has Never Been Easier

Dante Virtual Soundcard is a software application that turns your PC or Mac into a Dante-enabled device, allowing Dante audio traffic to be transmitted and received between other Dante-enabled devices using the standard Ethernet port. No additional hardware is required, and that means significant cost savings.

### Easy to set up and use

Dante Virtual Soundcard is simple to set up and use on a computer and can be ready only minutes after downloading. It is the software implementation of Audinate's patent-pending Dante™ audio transport, a flexible Internet Protocol (IP) and Ethernet-based digital AV network technology that provides unprecedented flexibility, and eliminates the need for bulky cables that provide point-to-point wiring in analog AV installations.

### Using Dante Virtual Soundcard in Applications

Whether in an installed location or a live sound event, a Dante network coupled with Dante Virtual Soundcard creates a powerful audio distribution and recording solution with incredible ease-of-use, giving users the ability to record and playback up to 64x64 channels of audio using a standard computer\*. Dante Virtual Soundcard can be used for recording live events such as concerts, worship services, conference room meetings, corporate events, courtroom minutes, government proceedings and more.

Dante Virtual Soundcard is designed to work with popular Digital Audio Workstations (DAWs) such as Nuendo®, Cubase®, Reaper®, and Logic®, as well as consumer applications like iTunes®, Windows Media Player® and Skype®. Dante Virtual Soundcard appears on computers as an ordinary Core Audio, ASIO or WDM device, no special settings are required.

# Audinate

MEDIA NETWORKING TECHNOLOGY

### FEATURES

- ▶ **Standard sound device:** Appears as a standard ASIO or WDM Sound device on Windows, and as a Core Audio sound device on macOS with no additional hardware or software required
- ▶ **Intuitive interface:** Simple to set up, easy to control. Even with the DVS Control Panel closed, Dante Virtual Soundcard remains running as a background service until it is proactively switched off
- ▶ **Dante synchronization:** Dante uses audio-independent clocking and the IEEE1588 precision time standard to guarantee superb performance
- ▶ **Supports 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz<sup>†</sup> and 192kHz<sup>†</sup> sample rates\***
- ▶ **Supports sample rate pull-up / down on ASIO and Core Audio**
- ▶ **Supports 16, 24 and 32-bit audio**
- ▶ **Flexibility:** Dante easily integrates into existing network infrastructure, and automatically discovers other Dante-enabled devices on the network
- ▶ **Configurable latency:** Latency can be set by the user to meet the needs of the individual computers and networks
- ▶ **Device lock:** Lock Dante Virtual Soundcard with a PIN to prevent unauthorised access
- ▶ **DDM Ready:** Supports Dante Domain Manager

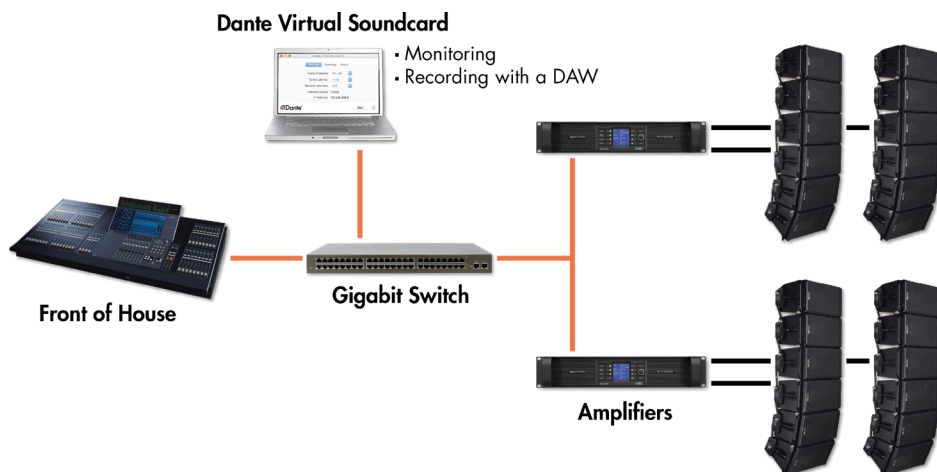
### BENEFITS

- ▶ Instantly turns your computer into a Dante-enabled audio device
- ▶ Works like a standard soundcard
- ▶ No need to purchase additional hardware, uses existing Ethernet port
- ▶ Works seamlessly with other Dante-enabled devices on a network
- ▶ Up to 64x64 audio channels @ 44.1/48kHz (up to 32x32 @ 88.2/96kHz, or up to 8x8 @ 176.4/192kHz)\*\*
- ▶ Simple and intuitive GUI
- ▶ Supports Windows and macOS

\* Maximum performance at 176.4kHz and 192kHz requires a modern, dedicated computer, specifically tuned for processing high-quality audio.

\*\* Assumes a 1Gbps network.

† not supported on WDM.



**Dante Virtual Soundcard in a network setup:** In the diagram above, a laptop running Dante Virtual Soundcard and a popular DAW is being used to monitor and record audio transmitted from a FOH console to speaker amplifiers using Dante networking.

## SPECIFICATIONS

### General

|                     |                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Processor</b>    | Quad core CPU                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Memory</b>       | 4 Gbyte of RAM                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Network</b>      | <ul style="list-style-type: none"> <li>▶ Standard wired Ethernet network interface (100Mbps or Gigabit)</li> <li>▶ A Gigabit (1000Mbps) interface is required for channel counts above 32x32 @48kHz or 16x16 @ 96kHz</li> <li>▶ Wireless LAN (Wi-Fi) Ethernet interfaces are not supported</li> </ul>                                                                                         |
| <b>Storage/Disk</b> | <ul style="list-style-type: none"> <li>▶ High transfer rates are required for recording and playing back large numbers of audio tracks to and from a hard disk</li> <li>▶ Disk speeds of 7200rpm and above are recommended for 16 or more channels of record/playback from disk</li> <li>▶ External discs connected via IEEE1394 (Firewire) are recommended for large track counts</li> </ul> |

### Windows

|                          |                                                         |
|--------------------------|---------------------------------------------------------|
| <b>Operating System</b>  | Refer to <a href="http://audinate.com">audinate.com</a> |
| <b>Audio Application</b> | Audio applications must support either ASIO or WDM      |

### macOS

|                          |                                                                              |
|--------------------------|------------------------------------------------------------------------------|
| <b>Operating System</b>  | Refer to <a href="http://audinate.com">audinate.com</a>                      |
| <b>Audio Application</b> | Any audio application using the standard Core Audio interface to a soundcard |

### Part Number

DVS-TK-001

# Audinate

MEDIA NETWORKING TECHNOLOGY

## APPLICATIONS

- ▶ Capture and record high quality multitrack audio distributed over Ethernet directly to your computer
- ▶ Mix and produce tracks using popular third-party DAWs
- ▶ Play audio over the network from popular applications such as iTunes and Windows Media Player
- ▶ Monitor audio on the network from a standard computer

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