

**Lumens®**

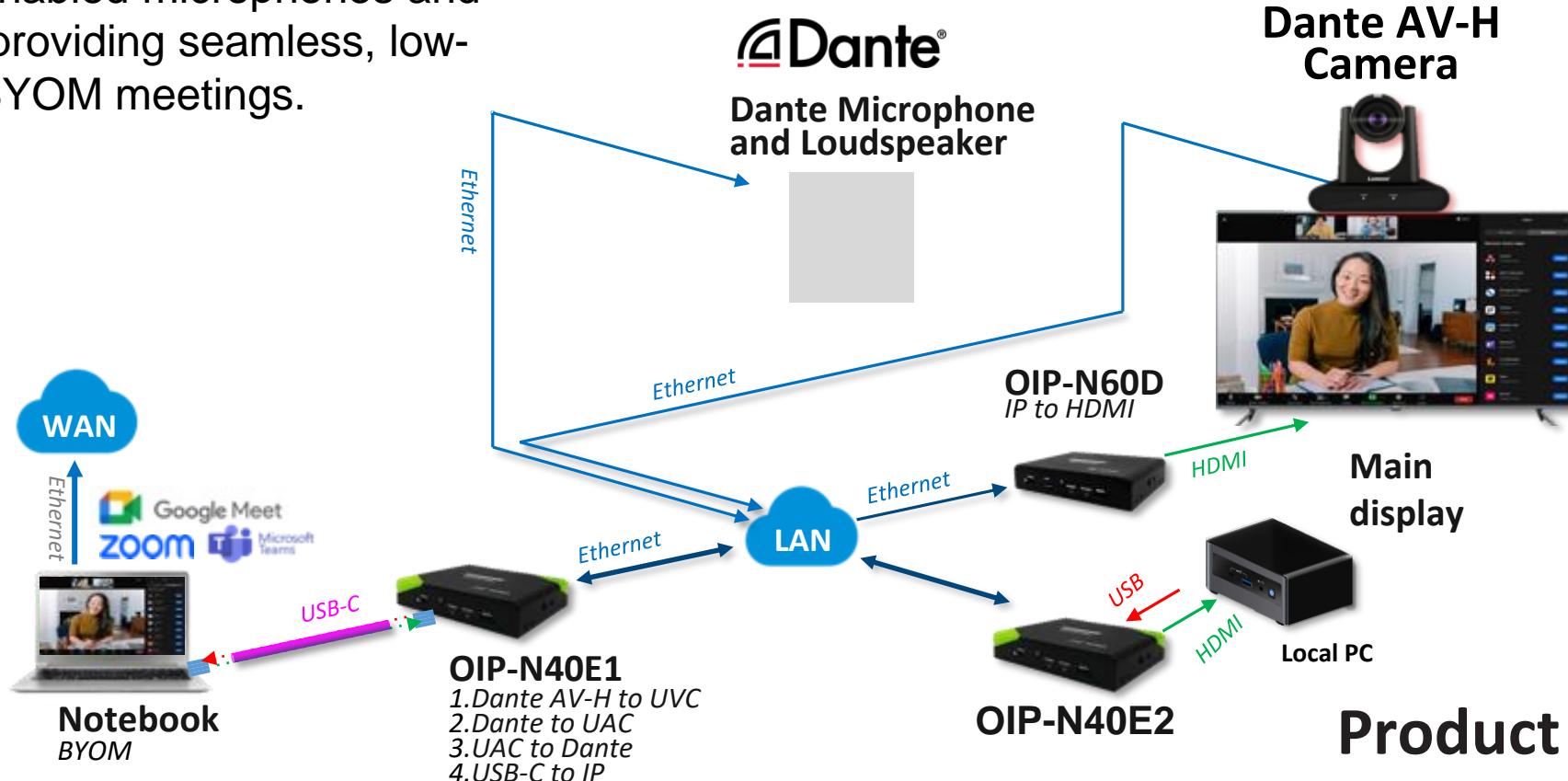
OIP-N  
Dante BYOM  
Setting Guide

**Lumens®**

Vince 20251230

## Introduction

**Dante BYOM** allows users to connect their laptops to Dante-enabled microphones and speakers over IP, providing seamless, low-latency audio for BYOM meetings.



## Product

1. OIP-N + VC(Dante)
2. Dante Microphone
3. Dante speaker

# Dante BYOM setting

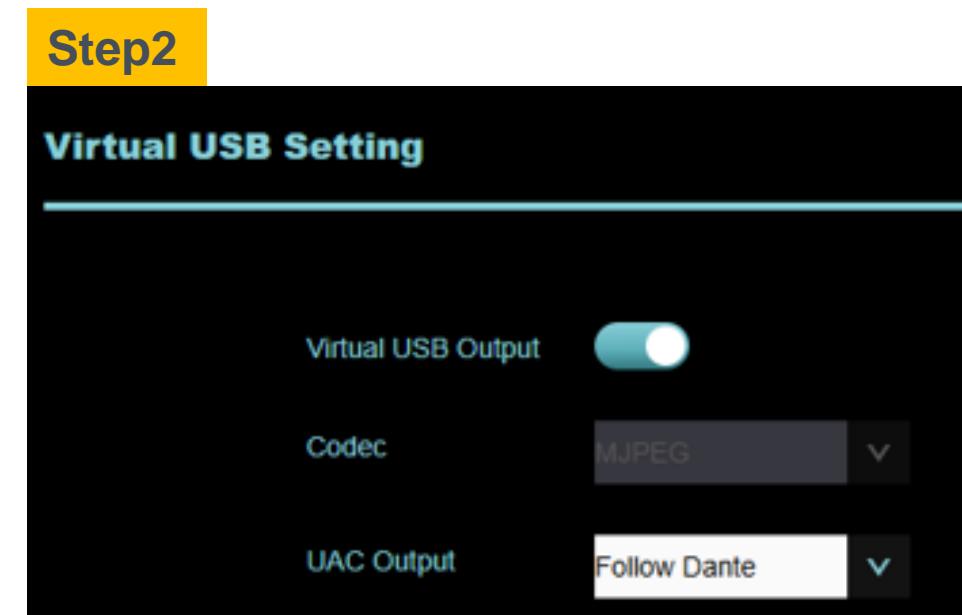
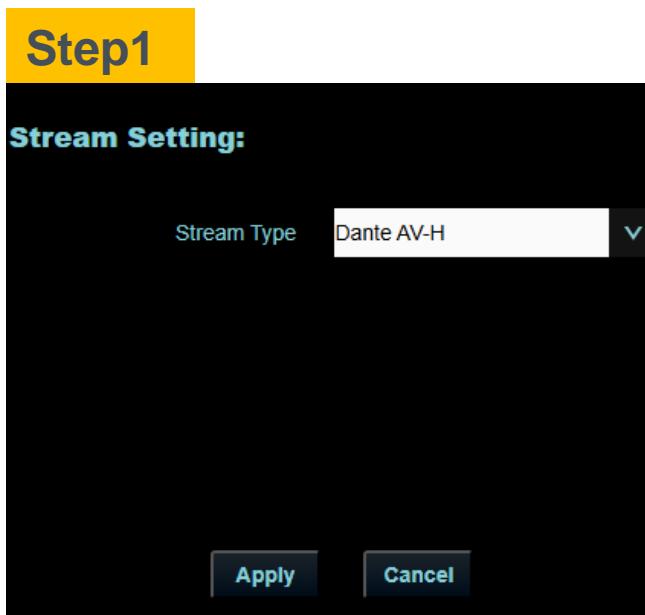
Complete the hardware connections before proceeding with the following steps.

## 1. OIP-N40E1:

Step1: Go to [Stream]=>[Stream Setting], change Stream type to [Dante AV-H] and Apply.

Step2: Go to [System]=>[Output]=>[Virtual USB Setting], enable Virtual USB Output and select [Follow Dante] as UAC source.

(Continued on next slide)



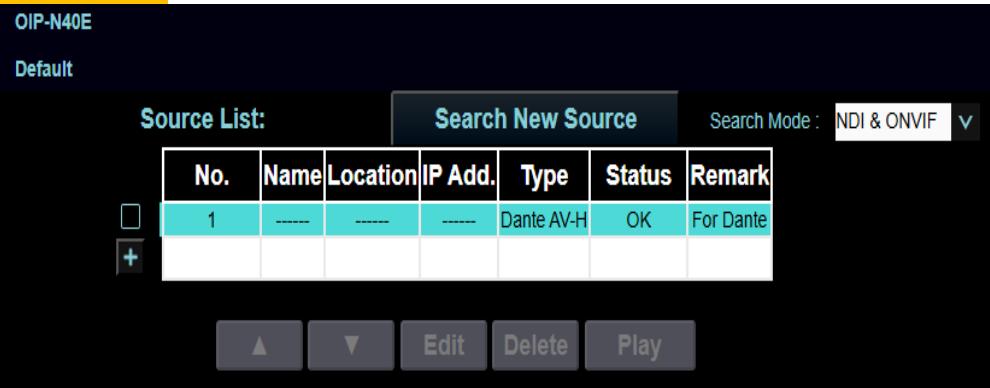
# Dante BYOM setting

## 1. OIP-N40E1:

Step3: Go to [Source], select the Dante as Source.

Step4: Go to [Audio]=>[Stream Audio], enable stream audio, select [USB Audio] as Audio source.

**Step3**



No.	Name	Location	IP Add.	Type	Status	Remark
1	---	---	---	Dante AV-H	OK	For Dante

Source List: Search New Source Search Mode: NDI & ONVIF

Audio In/Out Stream Audio Talk Back Audio Dante Audio

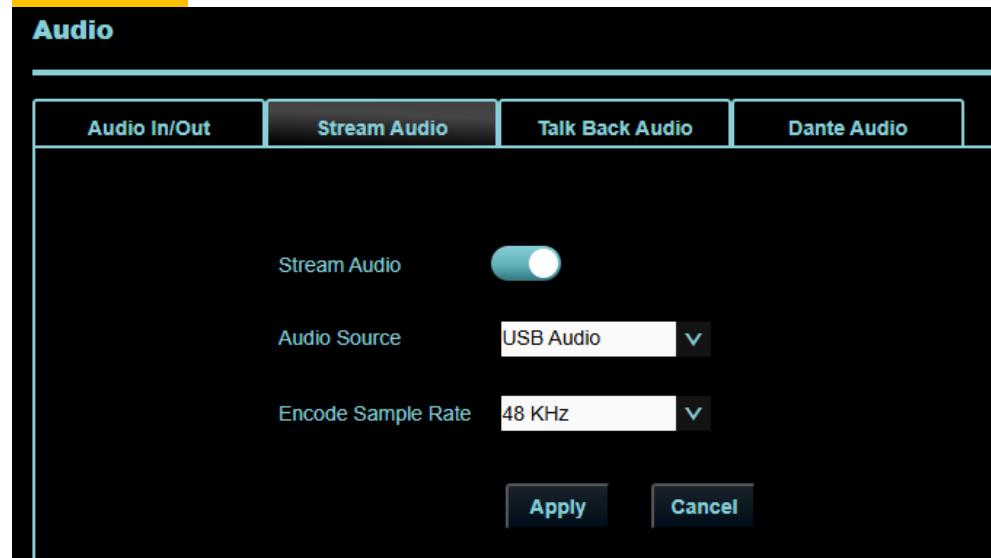
Stream Audio (checkbox checked)

Audio Source: USB Audio

Encode Sample Rate: 48 KHz

Apply Cancel

**Step4**



Source List: Search New Source Search Mode: NDI & ONVIF

Audio In/Out Stream Audio Talk Back Audio Dante Audio

Stream Audio (checkbox checked)

Audio Source: USB Audio

Encode Sample Rate: 48 KHz

Apply Cancel

# Dante BYOM setting

## 2. OIP-N40E2

Step1: Go to OIP-N40E2 [Stream]=>[Stream Setting], change Stream type to [RTSP] and Apply.

Step2: Go to [System]=>[Output]=>[Virtual USB Setting], enable Virtual USB Output and select [Follow Dante] as UAC source.

(Continued on next slide)

**Step1**

**Stream Setting:**

Stream Type: RTSP

Codec: H.264

Bit Rate: 7000 kbps

Rate Control: CBR

RTSP URL: rtsp://192.168.6.62:8557/h264

Multicast

Authentication

Account: [redacted]

Password: [redacted]

**Apply** **Cancel**

**Step2**

**Virtual USB Setting**

Virtual USB Output: **On**

Codec: MJPEG

UAC Output: Follow Dante

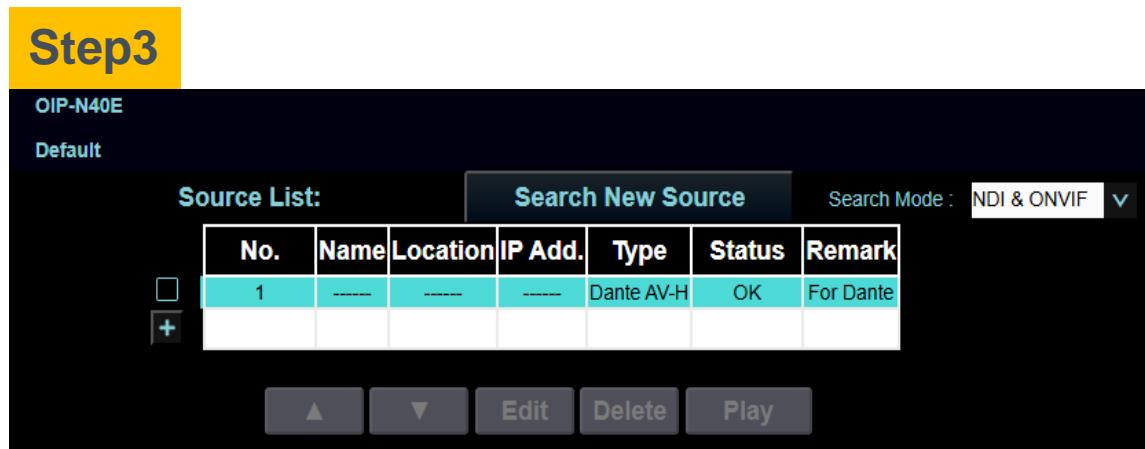
# Dante BYOM setting

## 2. OIP-N40E2

Step3: Go to [Source], select the Dante as Source.

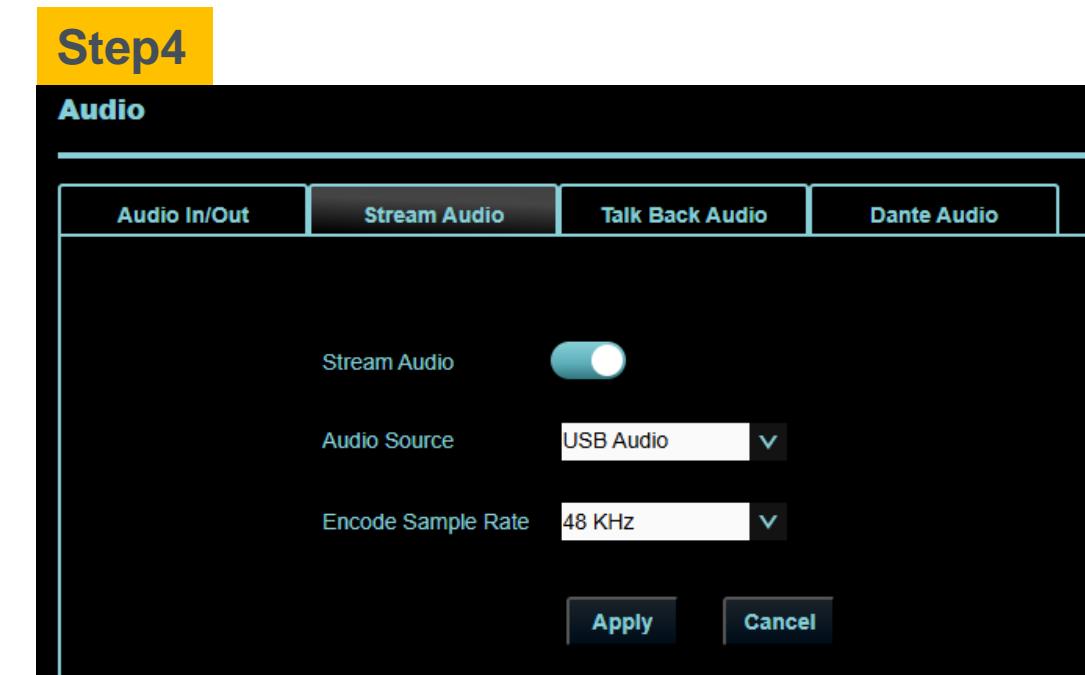
Step4: Go to [Audio]=>[Stream Audio], enable [Stream Audio], select [USB Audio] as Audio source.

**Step3**



No.	Name	Location	IP Add.	Type	Status	Remark
1	---	---	---	Dante AV-H	OK	For Dante

**Step4**



Audio

Stream Audio

Audio Source

Encode Sample Rate

# Dante BYOM setting

## 3. OIP-N60D

Step1: Go to OIP-N60D [Source], select the Dante as Source1 and OIP-N40E2 as Source2.

Step2: Go to [Audio]=>[HDMI Audio Out], enable [HDMI Audio Out], select [Follow Stream] as Audio source.

**Step1**

No.	Name	Location	IP Add.	Type	Status	Remark
1	---	---	---	Dante AV-H	Source 1	For Dante
2	OIP-N40E	Default	192.168.6.62	RTSP	Source 2	8557/h264

**Step2**

**Audio**

Audio In/Out	HDMI Audio Out	Talk Back Audio	Dante Audio
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HDMI Audio Out

Audio Source

Audio Volume

Audio Delay

Audio Delay Time(-)  ms

# Dante BYOM setting

## 4. Dante Controller setting

Go to Dante Controller, subscriber all the TX and RX you need.

E.g.:

- TX: N40E1 、 N40E2 audio channel, RX: Dante Speaker ;
- TX: N40E1 Video channel, RX: N60D
- TX: Dante Mic, RX: N40E1, N40E2 ;
- TX: Dante Camera(Need to add **multicast Flow**), RX: N40E1, N40E2

### ※Limitation and attention item:

Cannot use Local PC and Notebook at the same time.

