



STEP 1 CONNECTIONS

- 1 Plug in power cord and switch on.



Front LED lights up in white while booting and turns purple when ready.

- 2 Connect your headphones to OUTPUT:1.



- 3 Connect your computer to Dante ethernet port.



Network lights start flashing.

STEP 2 KLANG:app

- 1 **OPEN** www.KLANG.com/app



- 2 Download & Install **KLING:app**.



- 3 **Turn off WiFi** on your computer and start **KLING:app**.

- 4 **Choose** from list or go to **CONFIG** then to **CONNECT** and choose your device.



Problems? Hit the refresh button. Otherwise, set up dante switch configuration: www.KLANG.com/vlan or use the NET port instead of Dante port.

STEP 3 Dante SOURCE

If you have another Dante enabled product (e.g. mixing console) proceed with STEP 4. If not, follow the instructions below to enable your computer to stream audio via Dante.

- 1 **OPEN** www.KLANG.com/dante
- 2 Install **Dante Virtual Soundcard (DVS)** (free trial license available).
- 3 **Start** Dante Virtual Soundcard.
- 4 **Set DVS** as your output sound card. Play!



Download free multitracks: www.KLANG.com/multitracks

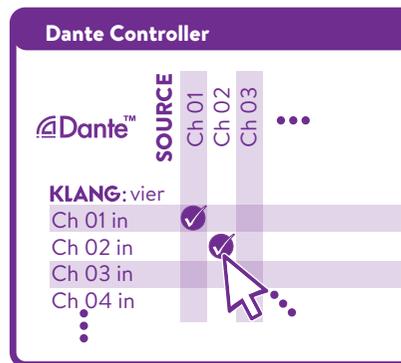
STEP 4 Dante CONTROLLER

- 1 **OPEN** www.KLANG.com/dante
- 2 **Install & Start Dante Controller (DC).**
- 3 **Turn off WiFi** on your computer.
- 4 In DC, go to **ROUTING** tab and double click on your sound source. Go to **DEVICE CONFIG** tab and choose preferred sampling rate. Close this window.
- 5 Now, do the same for **KLING:vier** and use the same sampling rate.

Note: Dante devices can only be connected if they run at the same sampling rates! (Default: **48kHz**)

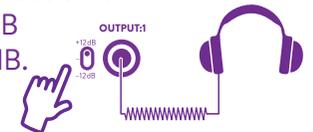
STEP 5 Dante ROUTING

In DC, connect audio streams from sound source (computer playback or mixing console) to **KLING:vier**.



STEP 6 USE 3D MIXES

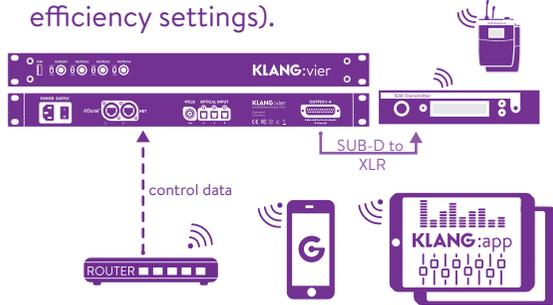
- 1 **OPEN KLING:app** again
- 2 Adjust the GAIN Select switch:
In-Ears: -12 or 0dB
Other: 0 or +12dB.
- 3 Adjust the volume for mix on OUTPUT:01.
- 4 Go to **CONFIG/CHANNELS** and set colors, icons and choose names.
- 5 **Create a 3D headphone** mix and enjoy!
Read the next page for further setups.
Register your product: www.KLANG.com/register
Also visit: www.KLANG.com/vier



ANNEX A STAGE SETUP

For remote control with smartphones or tablets you need to set up a Wifi router:

If you want to use a router for Dante audio over Ethernet as well, make sure that it's suitable (Gigabit Ethernet / No green efficiency settings).



ANNEX B 3D MIX TO DANTE

Change Dante Routing:

Open Dante Controller and route audio from the mixing console to KLANG:vier. Route its 5 stereo output channels (ch. 1-10) back to the mixing console or Dante stage-box.

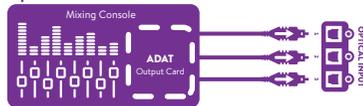
This setup can be useful when you want to listen to 3D mixes elsewhere than from KLANG:vier's analog outputs.

All five 3D mixes and all 24 optical inputs are available via Dante.

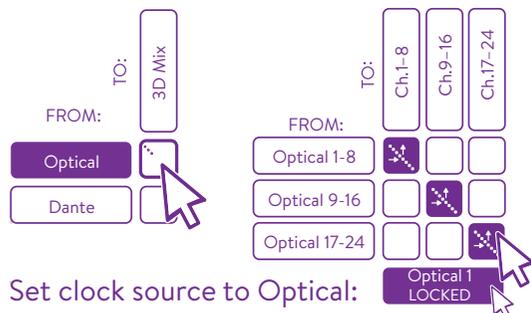


ANNEX D OPTICAL INPUTS

1 Plug in optical cables:



2 In KLANG:app go to #CONFIG and then to ∞ROUTING:



3 Set clock source to Optical:

ANNEX E ENGINEER TIPS



As a monitor engineer you can listen to other users' mixes via the **CUE mode**: Click & Hold your OUTPUT:number for 3 seconds until it turns purple and then click on the user you want to listen to. To deactivate click and hold for 3 seconds again.

Color Codes – Boot Sequence:

- Red Boot Stage 1
- White Boot Stage 2
- Orange Boot Stage 3
- Purple Ready / Running
- Yellow Error

Color Codes – Firmware Update:

- Orange Stage 1/4 & Stage 2/4
- Yellow Stage 3/4
- White Stage 4/4
- Blue Done, Switch Off Power

Check for Software and KOS Updates and subscribe to our newsletter to get informed: www.KLANG.com/update

ANNEX C ADMIN MODE

- 1 **OPEN** KLANG:app.
- 2 For the next steps, work in **Admin mode**: Click and hold **#CONFIG** for 3 sec.
 

Depending on software version Technician mode might be called Show mode
- 3 The **ROUTING** Menu is only available in **ADMIN** mode and allows to switch between Dante or Optical inputs.
- 4 Under **CONNECT** you can also change user names and their icons.
- 5 **Musician** mode provides a reduced interface for personal mixing e.g. for live shows.

ANNEX G TECHNICAL DATA

WARNINGS AND PRECAUTIONS

Do not remove covers. Connect only to main sockets outlets with protective earth. Do not handle power cords with wet hands. Do not expose to water or other types of liquids or moisture (rain, fog, dew etc.). Operating temperature: 0 °C to 50 °C (32 °F to 122 °F). Do not expose to heat sources.

COMPLIANCE

KLANG:vier has been tested and found to comply with the requirements defined in: EN55103-1:2009 EN 55103-2: 2009. EN 55022:2006 / CISPR 22:1997 CAN/CSA-CEI/IEC CISPR 22:02 FCC 47 CFR, Part 15.

SAFETY

EN 60065, 7th Edition, Rev.: 09/21/2012; CAN/CSAC22.2 No. 60065:03 (R2012). RoHS Compliant and Pb-Free.



WEEE – RECYCLING

According to RL2002/96/EG (WEEE – Directive on Waste Electrical and Electronic Equipment) electronic equipment has to be recycled and does not belong in the standard waste. If you are unsure how to recycle this product please contact us and we will recycle the device for you.

DIMENSIONS

Weight: 3 kg | 6.6 lbs, Size (W/H/D): 44.5 / 4.5 / 18.5 cm
Front panel (width): 48.5cm | 19 inches
1 Rack unit, Gap between rack bolts (W/H): 46.5 / 3.5 cm.

WARRANTY – REGISTER ONLINE: www.KLANG.com/register