

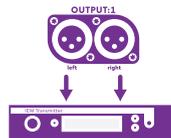
KLANG:fabrik | QUICK START

STEP 1 CONNECTIONS

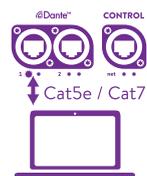
- 1 Plug in power cord and switch power on. Only one power cord is required.



- 2 Connect stereo In-Ear transmitter or headphone amplifier to XLR OUTPUT:1 (left & right).



- 3 Connect a computer to one of KLANG:fabrik's network ports.



Network LEDs will start to blink.

STEP 4 Dante™ CONTROLLER

- 1 **OPEN** www.KLANG.com/dante
- 2 **Install & Start Dante Controller (DC).**
- 4 **Turn off WiFi** on your computer.
- 3 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.
- 4 Now, do the same for **KLANG:fabrik** and use the same sampling rate.

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

STEP 2 KLANG:app

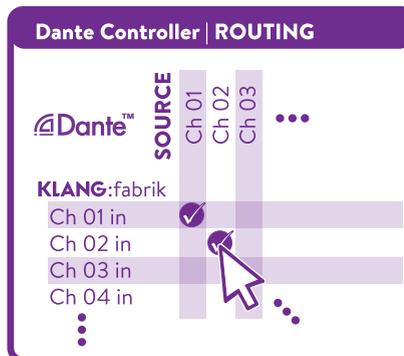
- 1 **OPEN** www.KLANG.com/app
- 2 Download & Install **KLANG:app**.
- 3 **Turn off WiFi** on your computer and **start KLANG:app**.
- 4 **Choose** from list or go to **CONFIG** then to **CONNECT** and choose your device.



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 5 Dante™ ROUTING

- 1 In DC, connect audio streams from sound source (computer playback or mixing console) to **KLANG:fabrik**.



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 6 3D IN-EAR MIXING

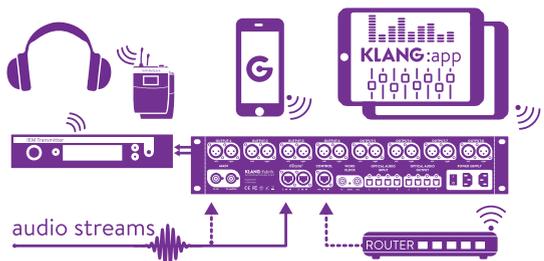
- 1 **OPEN KLANG:app** again.
- 2 **Check METERS** for incoming audio.
See **ANNEX D** for internal Routing & Clock details.
- 2 **Adjust Volume** on mix OUTPUT:1.
- 3 Go to **CONFIG/CHANNELS** and set colors, icons and choose names.
- 4 **Create a 3D headphone** mix and enjoy.



Read the next page for further setups. Also visit www.KLANG.com/fabrik

ANNEX A STAGE SETUP

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

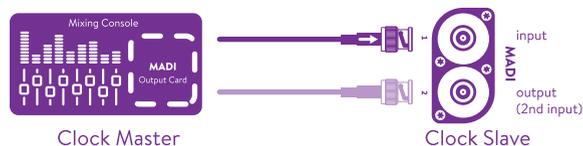


- 2 For the next steps, work in **Admin mode**: Click and hold **#CONFIG** for 3 sec.



ANNEX B MADI BNC INPUT

- 1 Connect BNC cable from MADI source:



- 2a Set your Clock Source to MADI: **MADI LOCKED**

- 2b Or choose the inverse clock direction:

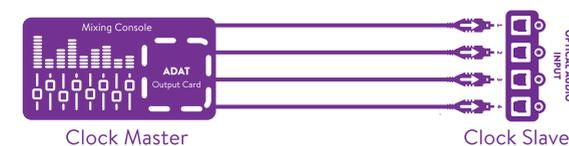


- 3 Route incoming **MADI** signals to **3Diem**.

See **ANNEX D** for Routing & Clock details.

ANNEX C OPTICAL INPUT

- 1 Connect optical cables to ADAT source:



- 2a Set your Clock Source to Optical: **Optical 1...4 LOCKED**

- 2b Or choose the inverse clock direction:



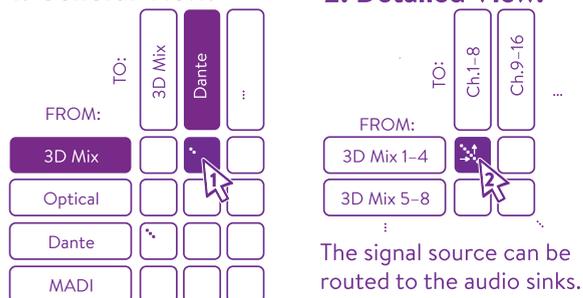
- 3 Route incoming **Optical** signals to **3Diem**.

See **ANNEX D** for Routing & Clock details.

ANNEX D ROUTING & CLOCK

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

- 1: General View: → 2: Detailed View:



- 3: Choose the **clock source** and sync to it:



ANNEX E ENGINEER TIPS

- 1 With **KLANG:fabrik** you can also **convert formats** between Dante, MADI and ADAT interfaces while using the 3D mixes.
- 2 You can also **route 3D mixes back** to ADAT, MADI or Dante. See ANNEX D for details.
- 3 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 on your label and click and hold for 3 seconds again.



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:fabrik 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: 4.9 kg | 10.8 lbs, Size body (W/H/D): 44.5 / 9.0 / 23.0 cm
Front panel (width): 48.5 cm | 19 inches
2 rack units, gap between rack bolts (W/H): 46.5 / 7.5 cm.

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