KRAMER

Scan for full manual
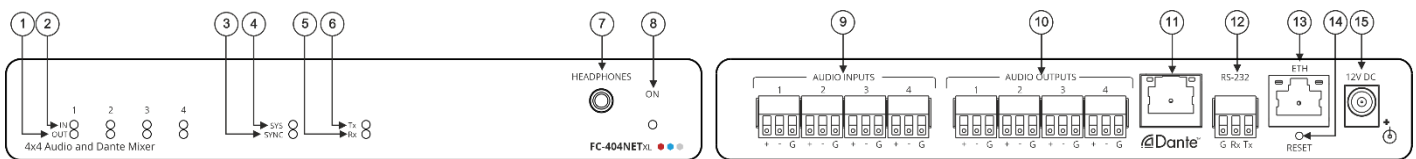
FC-404NETxl Quick Start Guide

This guide helps you install and use your **FC-404NETxl** for the first time.

Go to www.kramerav.com/downloads/FC-404NETxl to download the latest user manual and check if firmware upgrades are available.

Step 1: Check what's in the box

- ☑ **FC-404NETxl** 4x4 Audio and Dante Mixer
- ☑ 1 Bracket set
- ☑ 1 Power cord and adapter
- ☑ 4 Rubber feet
- ☑ 1 Quick start guide

Step 2: Get to know your FC-404NETxl

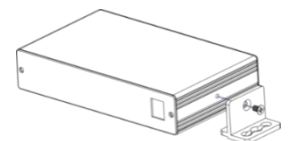| #	Feature	Function
1	OUT LEDs (1 to 4)	Lights green when a signal is present, lights red when clipping is detected.
2	IN LEDs (1 to 4)	Lights green when a signal is present, lights red when clipping is detected. Use the embedded web pages to select line level, mic level or 48V for each input.
3	SYNC LED	Lights green when Dante network is available or red if an error occurred.
4	SYS LED	Lights green for digital audio normal operation. Flashes green when this unit is the Master clock. Lights red if an error has occurred.
5	Rx LED	Lights green when an RS-232 signal is received.
6	Tx LED	Lights green when an RS-232 signal is transmitted.
7	HEADPHONES 3.5mm Mini Jack	Connect to a headphone set.
8	ON LED	Lights green when the device is powered.
9	AUDIO INPUTS 3-pin Terminal block Connectors (1 to 4)	Connect to analog balanced mono line/mic level (with selectable 48V) sources.
10	AUDIO OUTPUTS 3-pin Terminal block Connectors (1 to 4)	Connect to analog balanced mono line level acceptors.
11	Dante RJ-45 Connector	Connect to Dante audio via the network. Provides 4 Tx channels and 4 Rx channels. By default, DHCP is enabled.
12	RS-232 3-pin Terminal Block Connector	Connect to a PC/serial controller.
13	ETHERNET RJ-45 Connector	Connect to a PC via a LAN.
14	RESET Recessed Button	Reset/reboot the device: press and release the button. Reset to factory default values: press and hold the button for 30 secs.
15	12V DC Power Connector	12V DC connector for powering the unit.

Step 3: Mount FC-404NETxl

Install **FC-404NETxl** using one of the following methods:

- Attach the rubber feet and place the unit on a flat surface.
- Fasten a bracket (included) on each side of the unit and attach it to a flat surface (see www.kramerav.com/downloads/FC-404NETxl).
- Mount the unit in a rack using the recommended rack adapter (see www.kramerav.com/product/FC-404NETxl).
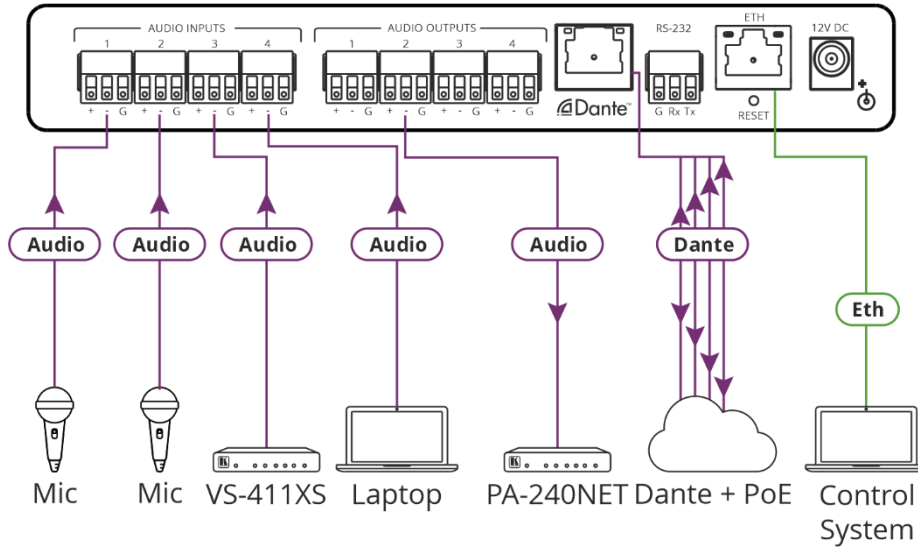

⚠
- Ensure that the environment (e.g., maximum ambient temperature & air flow) is compatible for the device.
- Avoid uneven mechanical loading.
- Appropriate consideration of equipment nameplate ratings should be used for avoiding overloading of the circuits.
- Reliable earthing of rack-mounted equipment should be maintained.
- Maximum mounting height for the device is 2 meters.

P/N: 2900-301537QS   Rev: 2

Step 4: Connect inputs and outputs

Always switch OFF the power on each device before connecting it to your **FC-404NETxl**.

To achieve specified extension distances, use the recommended Kramer cables available at www.kramerav.com/product/FC-404NETxl.

Using third-party cables may cause damage!

Step 5: Connect power

If powering via PoE is not available, connect the power adapter to the **FC-404NETxl** and plug the power adapter into the mains power supply.

Safety Instructions (See www.kramerav.com for updated safety information)
Caution:
- For products with relay terminals and GPI\O ports, please refer to the permitted rating for an external connection, located next to the terminal or in the User Manual.
- There are no operator serviceable parts inside the unit.

Warning:
- Use only the power cord that is supplied with the unit.
- Disconnect the power and unplug the unit from the wall before installing.

Step 6: Operate FC-404NETxl

Operate **FC-404NETxl** via:

- Remotely, by RS-232 serial commands transmitted by a touch screen system, PC, or other serial controller
- Embedded web pages via the Ethernet

RS-232 Control / Protocol 3000			
Baud Rate:	115,200	Parity:	None
Data Bits:	8	Command Format:	ASCII
Stop Bits:	1		
Example (Set Dante, channel 2 audio level input to 10): `#x-aud-lvl in.dante.1.audio.2,10`			
Default Ethernet Parameters (DHCP, by Default)			
IP Address:	192.168.1.39	UDP Port #:	50000
Subnet mask:	255.255.255.0	TCP Port #:	5000
Gateway:	192.168.0.1		
Device name:	FC-404Net-{ID} where ID = the last 4 characters of the device's serial number		
Default Dante Parameters (Static, by Default)			
Fall-back IP Address:	169.254.112.120	Subnet mask:	255.255.0.0
Gateway:	0.0.0.0		

CE

22
PAP