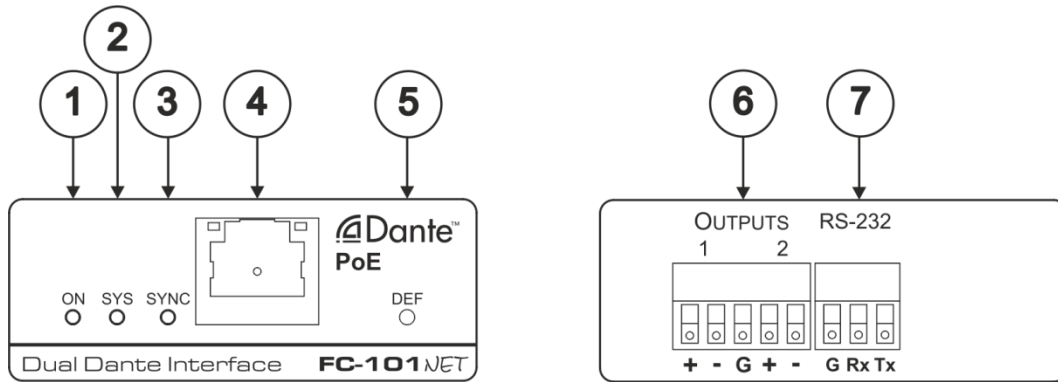# KRAMER

FC-101NET Quick Start Guide

This guide helps you install and use your **FC-101NET** for the first time.

Go to **www.kramerav.com/downloads/FC-101NET** to download the latest user manual and check if firmware upgrades are available.

Step 1:   Check what's in the box

☑ **FC-101NET** Dual Dante Interface   ☑ 1 Bracket set   ☑ Double-sided adhesive dual lock tape

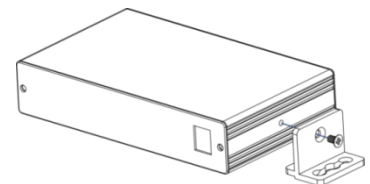☑ 1 Quick start guide

Step 2:   Get to know your FC-101NET

#	Feature	Function
1	ON LED	Lights green when the device receives power.
2	SYS LED	Lights green when Dante network is available; red if an error has occurred.
3	SYNC LED	Lights green for digital audio normal operation; red if an error has occurred.
4	Dante PoE RJ-45 Port	Connect to the Dante audio source via the Network and provide Power over Ethernet (PoE) to the device. By default, DHCP is enabled.
5	DEF Push Button	To reset/reboot the device, press and release the button. To reset to factory settings, press and hold the button for 30 seconds.
6	OUTPUTS 1 and 2 5-pin Terminal Block Connector	Connect to a single balanced stereo audio output or two separate mono outputs (+, –, G).
7	RS-232 3-pin Terminal Block Connector	Connect to a serial controller to control this device.

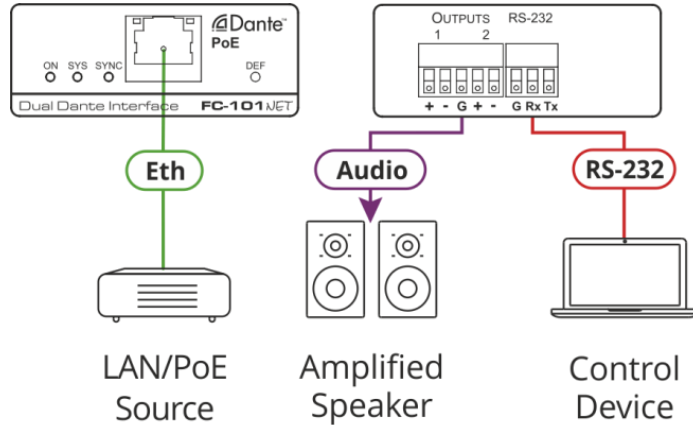## Step 3:   Install FC-101NET

Install **FC-101NET** using one of the following methods:

- Attach one side of the adhesive dual lock tape to the metallic surface of the device and the other to a flat surface.
- Fasten a bracket (included) on each side of the unit and attach it to a flat surface. For more information go to **www.kramerav.com/downloads/FC-101NET**.
- Mount the unit in a rack using an optional **RK-4PT** rack adapter.

Step 4:   Connect the inputs and outputs

Always switch OFF the power on each device before connecting it to your **FC-101NET**. For best results, we recommend that you always use Kramer high-performance cables to connect AV equipment to **FC-101NET**.

Step 5:   Connect the power

Once connected, PoE is provided via the Dante port.

Safety Instructions

Caution: There are no operator serviceable parts inside the unit.
Warning: Disconnect the power before installing.
See www.KramerAV.com for updated safety information.

Step 6:   Operate FC-101NET

Operate **FC-101NET** via:

- Remotely, RS-232 serial commands transmitted by a touch screen system, PC, or other serial controller.

RS-232					
Baud Rate:	115200	Parity:	None	Stop Bits:	1
Data Bits:	8	Command Format:	ASCII		
Example: (set the volume output to -6dB): #AUD-LVL 2,1,-6<CR>					

Technical Specifications

Outputs	1 Balanced Stereo Audio/2 Mono Audio	On a 5-pin terminal block
Port	1 Dante	On an RJ-45 connector
Control		Dante IP control matrix and Kramer Protocol 3000
Power	Consumption	48V DC, 100mA
	Source	48V DC (PoE)
Cooling	Convection Ventilation	
Environmental Conditions	Operating Temperature	0° to +40°C (32° to 104°F)
	Storage Temperature	-40° to +70°C (-40° to 158°F)
	Humidity	10% to 90%, RHL non-condensing
Regulatory Compliance	Safety	CE
	Environmental	RoHs, WEEE
Enclosure	Size	Pico TOOL
	Type	Aluminum
General	Net Dimensions (W, D, H)	6.2cm x 5.2cm x 2.4cm (2.4" x 2" x 1") W, D, H
	Shipping Dimensions (W, D, H)	15.7 cm x 12cm x 8.7cm (6.2" x 4.7" x 3.4") W, D, H
	Net Weight	0.08kg (0.2lb)
	Shipping Weight	0.23kg (0.5lb)
Accessories	Included	Bracket set, double-sided adhesive dual lock tape
	Optional	RK-4PT rack adapter
Specifications are subject to change without notice at www.kramerav.com		