Model SF-NP40D
Network to 40 W Stereo Power Amplifier

- Converts Two Dante Network Audio Signals to two 20 W Outputs into 8 Ohms
- Selectable Dante Sample Rates: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz
- 0 dBFS Input for 20 W per channel into 8 Ohms or 15 W per channel into 4 Ohms
- Special Software Not Required for Module Setup
- LED Indicator for Network Sync
- High-Efficiency Class D Operation
- Thermal and Short-Circuit Protection
- Included Power Supply 100 to 240 VAC, 50/60 Hz, 1.5A Input; 24 Vdc Output
- SF-NP40D includes North American Cord; SF-NP40DE excludes Power Cord

The SysFlex series is a family of A/V modules providing complex interface solutions at the click of a connector. SysFlex modules provide connectorized interface between data networks and analog and digital audio devices, networked and conventional amplifiers and other application-specific solutions. In RDL's tradition of versatility, SysFlex modules can be used right where they are needed: Rack-mounted, Surface-mounted, or unmounted. They are light-weight, compact and easy to install with simple, straightforward switch settings and LED indicators. Modules quickly snap into the SysFlex rack mount and each is firmly secured with a single screw. The racking system segregates network and power wiring from the audio and digital audio connectors. For connectorized network audio endpoints and A/V system components that provide unparalleled performance and advanced features without giving up simplicity and ease of installation, SysFlex is the industry's best value.

APPLICATION: The SF-NP40D is an audio power amplifier that converts two Dante network audio channels to two 4 Ohm or 8 Ohms amplified outputs. Each output provides 20 watts into 8 ohms for a network digital audio level of 0 dBFS. Special software is not required to configure the module.

A front-panel blue LED illuminates when the SF-NP40D is powered from its included external 24 Vdc power supply. The module is equipped with both thermal and output short-circuit protection. The high-efficiency Class D output stages produce minimal heat for all levels of expected voice or music modulation. Valid synchronization to the Dante network is indicated by a green LED visible from the front of the unit.
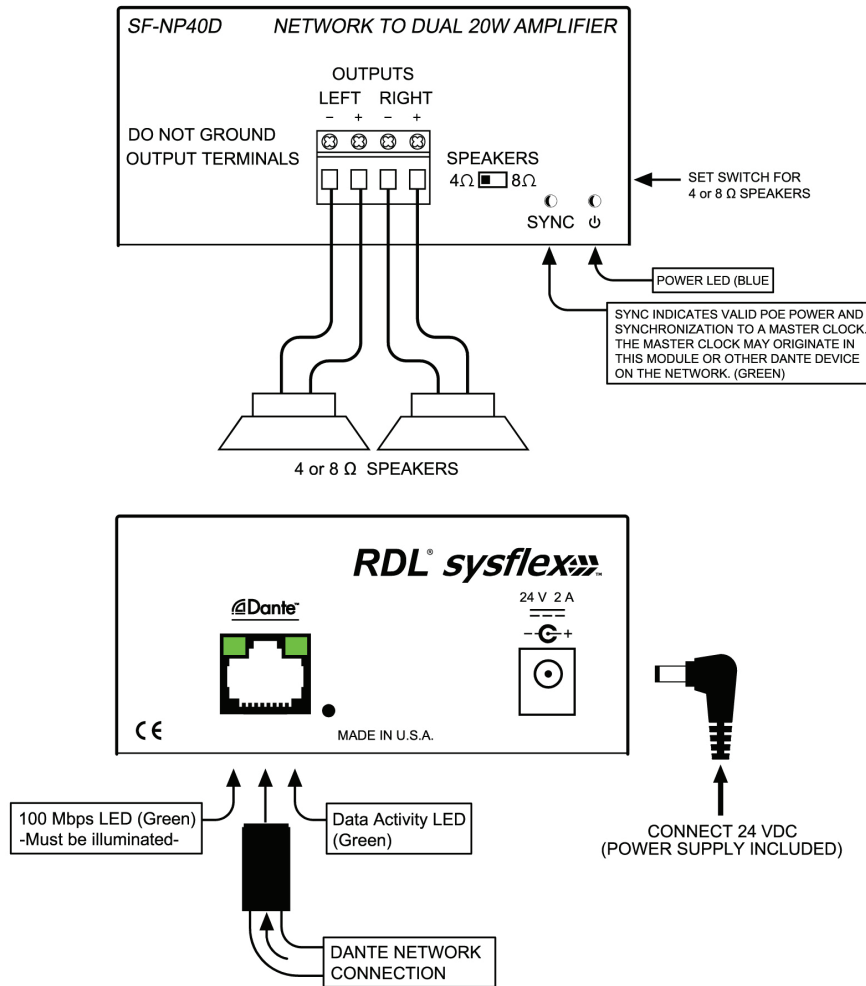
The SF-NP40D is constructed in a durable, professional all-metal enclosure suitable for free-standing, surface-mounted or rack-mounted operation. This full-featured SYSFLEX product is engineered and manufactured in the U.S.A for continuous duty in demanding installations. The versatility of SYSFLEX products adds enormous flexibility in the design and installation of professional A/V systems.

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Network to 40 W Stereo
Power Amplifier

Installation/Operation

CE **Declaration of Conformity available from rdlnet.com.**
Sole EMC specifications provided on product package.
Specifications are subject to change without notice.

SF-NP40D   NETWORK TO DUAL 20W AMPLIFIER

OUTPUTS
LEFT   RIGHT
− +   − +

DO NOT GROUND
OUTPUT TERMINALS

SPEAKERS
4Ω ▣ 8Ω

SYNC ⏻

SET SWITCH FOR
4 or 8 Ω SPEAKERS

POWER LED (BLUE

SYNC INDICATES VALID POE POWER AND
SYNCHRONIZATION TO A MASTER CLOCK.
THE MASTER CLOCK MAY ORIGINATE IN
THIS MODULE OR OTHER DANTE DEVICE
ON THE NETWORK. (GREEN)

4 or 8 Ω SPEAKERS

RDL® sysflex»™

Dante™

24 V 2 A
−Ⓒ+

CE   MADE IN U.S.A.

100 Mbps LED (Green)
-Must be illuminated-

Data Activity LED
(Green)

CONNECT 24 VDC
(POWER SUPPLY INCLUDED)

DANTE NETWORK
CONNECTION

TYPICAL PERFORMANCE

Network Connector:	RJ45 with Link and Speed indicators
Digital Audio Ethernet Protocol:	Dante
Transmission Rate:	100 Mbps
Sample Rates Supported:	44.1 kHz, 48 kHz (default), 88.2 kHz, 96 kHz
Bit Depth Supported:	24 bits
Reference Level:	0 dBFS = 20 W into 8 Ω
Outputs (2):	Balanced, detachable terminal block
Output Level (maximum):	0 dBFS = 20 W into 8 Ω per channel; 15 W into 4 Ω
Load impedance:	4 Ω or 8 Ω, switch-selectable
Frequency Response:	20 Hz to 20 kHz (+ 0/-6 dB)
THD+N:	< 0.1% (20 Hz to 20 kHz, +4 dBu/-20 dBFS); 0.015% at 1 kHz (typ)
Noise:	< -80 dB (below 20 W / 8 Ω)
Crosstalk:	< -75 dB (1 kHz, output to output)
Headroom above -20 dBFS:	20 dB

Indicators (3):	Ethernet Link and Speed (2, rear panel); Sync (front panel)
Ambient Operating Environment:	0° C to 40° C
Power Supply (included):	100 to 240 Vac, 50-60 Hz, 1.3 A, IEC C14; Output to module: 24 Vdc, 2 A, Ground-referenced
Specification Conditions:	Gain/Level: ± 1 dB
Dimensions:	3.51" (8.92 cm) W; 1.68" (4.27 cm) H; 5.77" (14.66 cm) D
Package Type:	Cardboard Box
Package Dimensions:	9.5 x 7 x 2.25 in.
Shipping Weight:	2.2 lbs.
WEEE weight:	1.77 lbs.
Tariff code:	8517.18.0050

Radio Design Labs Technical Support Centers
U.S.A. (800) 933-1780, (928) 778-3554; Fax: (928) 778-3506
Europe [NH Amsterdam] (++31) 20-6238 983; Fax: (++31) 20-6225-287

891-7530A