

RDL SF-NP50A Network to 50 W Mono Audio Amplifier/70 or 100 V

Inputs (2):

Dante network (1 channel), Analog audio

Network Input Section

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

Analog Section

Analog Input Connectors (2):

Balanced on terminal block or stereo unbalanced Mini-Jack (L and R inputs summed to mono)

Balanced Input Level:

+4 dBu nominal, adjustable; -10 dBu minimum (for 20 dB below full output power); +25 dBu maximum (before clipping)

Unbalanced Input Level:

-10 dBV nominal, adjustable; -25 dBV minimum (for 20 dB below full output power); +10 dBV maximum (before clipping)

Gain Adjustment:

Single turn audio taper (with associated Dual-LED VU Meter calibrated to 20 dB below full output power)

Input Impedance:

>10 k Ω balanced, >5 k Ω unbalanced

Common mode rejection:

> 60 dB (50 Hz à 120 Hz)

Ducking/Muting Actuation:

Automatic (Rear-panel adjustable signal threshold with LED indicator)

Ducking/Muting Release Delay:

4 seconds, nominal

Ducking/Muting Source:

Switch-selectable priority for network or analog input

Ducking/Muting Level:

Switch-selectable for 25 dB ducking attenuation (nominal) or OFF

Reference Level (network input):

0 dBFS = 50 W

Power Amplifier Output:

50 W RMS (70 or 100 V)

Frequency Response:

+0/-3 dB (50 Hz to 20 kHz)

THD+N:

< 1% (1 kHz)

Noise:

<-90 dB (below max power); <-80 dB (below 1/8 power)

Indicators (8):

Front-panel: Sync (green), Amplifier muted (yel), Rear-panel: Overload Protect (red), Ethernet Link and Speed (2), dual-LED VU meter (2), Ducking threshold

VCA:

0 to 10 Vdc control, detachable terminal block (compatible with RDL VCA wall controls)

Ambient Operating Environment:

0° C to 40° C Maximum; 20° C Recommended

Power Requirement:

24 Vdc @ 2700 mA

Power Supply (included):

100 to 240 Vac, 50-60 Hz, IEC C14; Output to module: 24 Vdc

Plenum Rating Standard:

UL 2043

Dimensions:

Height: 1.7 in. (4,32 cm); Width: 5.83 in. (14,8 cm); Depth: 6.45 in. (16.38 cm)

Package Type:

Cardboard Box

Package Dimensions:

9.5 x 7 x 2.25 in.

Shipping Weight:

4.19 lbs.

WEEE weight:

3.87 lbs.

Tariff code:

8518.50.0000