

D-SERIES-ND AMPLIFIERS

The D-Series range provides amplification for Funktion-One loudspeakers.

The D-Series are high efficiency Class D (PWM) amplifiers, with amplification stages conforming to Funktion-One’s exacting standards of audio quality.

Four power variants are available for different applications, Auxiliary outputs can be used alongside D-Series-ND amplifiers for cost effective DSP flexibility.

D-Series-ND amplifiers are used alongside D-Series-ND amplifiers or XO processors for cost effective DSP flexibility.

- Features:
- 4 output power options (D20Q, D40Q, D80Q, D100Q, D120)
 - Lightweight, robust construction
 - Digital AoIP (Dante) option



Specifications

Inputs:

Analogue x 4, Optional AoIP (Dante) x 4

Outputs:

AoIP (Dante) x 4, XLR line level with independent DSP x 4, Amplifier outputs x 4

Amplifier

(2U) (mm) 88(h) x 482(w) x 458(d)
(1U) (mm) 44(h) x 482(w) x 458(d)

Weight (boxed = shipping weight) :

DNA120: 12.25kg (27.0lbs), Boxed 14.25kg (31.4lbs)
DNA100: 12.5kg (27.6lbs), Boxed 14.5kg (32.0lbs)
DNA80: 11.0kg (24.2lbs), Boxed 13.0kg (28.7lbs)
DNA40: 10.0kg (22.0lbs), Boxed 12.0kg (26.5lbs)
DNA20: 5.1kg (11.3lbs), Boxed 5.9kg (13.0lbs)

Voltage gain (amplification stage): 32dB
Mains voltage: 115/230VAC nominal 50-60Hz
(factory set for either 115 or 230V operation)
Mains current: 20A maximum
DNA20 Universal 90-240VAC 50-60Hz
Mains current: 6A maximum
Mains connector: IEC 3 pin unswitched

Load	D120	D100Q	D80Q	D40Q	D20Q (1U)
8Ω	2400W x 2	1400W x 4	1000W x 4	500W x 4	175W x 4
4Ω	4600W x 2	2700W x 4	2000W x 4	1000W x 4	350W x 4
2.7Ω	6250W x 2	3700W x 4	2200W x 4	1400W x 4	480W x 4

