

• **DSA100DV:** 2 x 100W Digital Stereo Compact Amplifier with VCA Control Terminal

The new **DSA100DV** from InterM is a highly compact, low impedance, D-Class power amplifier delivering 2 x 100W channels of power.

Housed in a compact desktop / half-rack 1U case, this D-class power amplifier offers high output power from such a small unit.

The combination of the DSA-100DV's Class D amplification circuitry and Switch Mode Power Supply (SMPS) creates a high efficiency amplifier ensuring reduced power consumption and low heat dissipation.

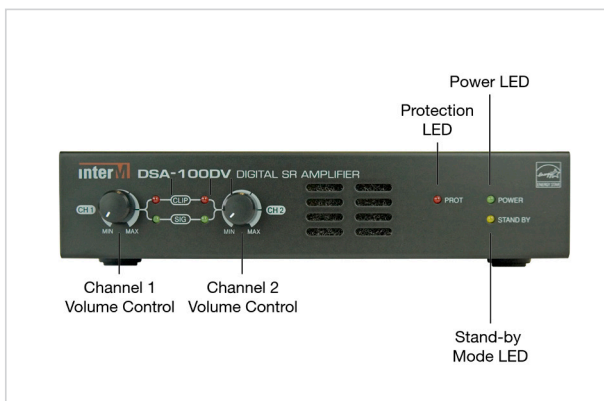
This 2 x 100 Watt low impedance amplifier can also be used in conjunction with the InterM OPT100D - a matching half-rack size 2 channel transformer unit-to deliver 100V line output.

What is the benefit of a Class-D Amplifier?

Class D audio amplifiers provide greater power efficiency than traditional analogue amplifiers. They are, therefore, much more energy efficient, produce lower heat dissipation and allow for more compact, lightweight amplifier devices.

Features:

- 2 Channel Low impedance amplifier
- VCA Control Terminal allows for voltage-controller volume adjustment
- Energy efficient / Remote power on/off
- VCA Remote volume control
- Variable input sensitivity adjustment
- Euroblock inputs and outputs
- Class-D amplifier
- SMPS (Switch Mode Power Supply)
- HPF (High Pass Filter)
- 100 watts x 2
- Balance audio input on detachable Euroblock Type connectors
- Input Sensitivity Selector/Stereo and Bridge Mono outputs



Specifications:

Model:	DSA100DV
Rated Output Power	2 Channel Mode 4Ω 100W 8Ω 55W Bridged Mode 8Ω 200W
Peak Power	280W
Input Sensitivity	Gain Switch: +4dBu (1.2283V) +4dBu ±2dB Gain Switch: -20dBu (7.75mV) -20dBu ±2dB
Damping Factor	10
THD+N	2 Channel Mode 10dB B 4Ω 1kHz 0.02% 2 Channel Mode 10dB Bel 8Ω 1kHz 0.02% Bridged Mode 10dB Belo 8Ω 1kHz 0.02%
S/N	93dB
Frequency Response	2 Channel Mode Output 1W/8Ω ±10dB 20~20kHz
HPF	2 Channel Mode Output 1W/4Ω 120Hz -3dB±2dB (-12dB/oct)
Channel Separation	2 Channel Mode 3dB Below 1kHz -65dB
Operating Temperature	Temperature:-10°C~+40°C Humidity:0%~90%
Power Source	100-240V 50/60Hz
Power Consumption (1/8 Rated Output Power @4Ω)	45W
Stand-by Power Consumption	Less than 1W
Dimensions	210(W) x 44(H) x 280(D) mm
Weight (Net)	2.50kg
Weight (Gross)	3.70kg