
DCA-1050
Dynamic Control Series
DCA-250
Dynamic Control Amplifier
HC-3200
DCA-550

HC SERIES POWER AMPLIFIERS

HC series was developed with a great goal in mind: to achieve best sonic performance in a reliable, massive energetic way.

Now, two years later, we're proud to present two amplifiers: the HC 2000 and the HC 3200. Both are Class H, bipolar, 2 Ohm load capable, fully protected… and with an incredible, unlimited sound!

In addition, for your speakers reliability, we include a real-time fast Limiter circuit (you can switch it off internally: be careful!) that doesn't affect sound quality.

Try them with our ProSound passive enclosures range and you'll experience the way we respect music.

HC 2000

HIGH CURRENT SERIES POWER AMPLIFIER

- 1 kW + 1 kW RMS power - both channel driven - 2 Ohm
- 4 kVA toroidal power transformer
- State-of-the-art SMD input and limiter network
- 80.000 µF power supply capacity
- 180 VPP max output voltage
- 2 U mounting rack space
- XLR - Jack 6.3 mm balanced inputs



SPECIFICATIONS

MODEL	HC 2000
OUTPUT POWER	
STEREO *(both channel driven)*	2 Ω - 2 x 1000 W RMS 4 Ω - 2 x 800 W RMS 8 Ω - 2 x 500 W RMS
BRIDGED	4 Ω - 2000 W RMS 8 Ω - 1600 W RMS
SINGLE CHANNEL DRIVEN	2 Ω - 1200 W RMS 4 Ω - 1000 W RMS 8 Ω - 600 W RMS
FREQUENCY RESPONSE	20 Hz - 20 kHz (-0.2 dB) 10 Hz - 65 kHz (-3 dB)
THD+N	<0.02% @ 1 kHz <0.1% @ 20 kHz
SMPTE IMD	<0.03% max power (4 Ω)
DAMPING FACTOR	>400:1 (8 Ω)
SLEW RATE	50V/µS
SIGNAL TO NOISE RATIO	>105 dB "A" Weighted
CROSSTALK	>70 dB @ 1 KHz
INPUT SENSITIVITY *(for rated power 4 Ω)*	0 dBm (0.775 Vrms) / +4 dBm (1.23Vrms)
INPUT IMPEDANCE	20 kΩ balanced 10 kΩ unbalanced
PROTECTION DEVICES	Temperature, DC, RFI, Short circuit, Soft-Start, Thermal Power Transformer
INPUT CONNECTORS *(per channel)*	XLR, Stereo 6.3 mm Phone Jack
OUTPUT CONNECTORS *(per channel)*	SPEAKON NL4MP
COOLING	two variable-speed fans
FRONT PANEL CONTROLS	two 32-step Level Attenuators, Magneto Thermal Mains Switch
INDICATORS *(per channel)*	On, Signal, Limiter, Mute, Temperature
POWER CONSUMPTION *(full power 4 Ω)*	115V 60 Hz : 28A 230V 50 Hz : 14A
DIMENSIONS (H x W x D)	88 x 482 x 420 mm (2 standard rack U)
NET WEIGHT	18 kg

HC 3200

HIGH CURRENT SERIES POWER AMPLIFIER

- Class H philosophy
- Bipolar topology
- Very High Current design
- 2 Ω load driven capability
- Soft Clip Limiter
- Full protections
- Soft start
- 7.5 kVA Toroidal Power Transformer
- 120.000 µF Power Supply Capacitance
- 120 Vpp Max Peak Voltage Swing
- Speakon 4-way output correctors



SPECIFICATIONS

MODEL	HC 3200
OUTPUT POWER	
STEREO	2 Ω - 2 x 1600 W RMS 4 Ω - 2 x 1100 W RMS 8 Ω - 2 x 700 W RMS
BRIDGED	4 Ω - 3200 W RMS 8 Ω - 2200 W RMS
SINGLE CHANNEL DRIVEN	2 Ω - 1920 W RMS 4 Ω - 1230 W RMS 8 Ω - 750 W RMS
FREQUENCY RESPONSE	20 Hz - 20 kHz (-0.2 dB) 10 Hz - 65 kHz (-3 dB)
THD+N	<0.02% @ 1 kHz <0.1% @ 20 kHz
SMPTE IMD	<0.03% max power (4 Ω)
DAMPING FACTOR	>400:1 (8 Ω)
SLEW RATE	50V/µS
SIGNAL TO NOISE RATIO	>102 dB "A" Weighted
CROSSTALK	>65 dB @ 1 KHz
INPUT SENSITIVITY *(for rated power 4 Ω)*	0 dBm (0.775 Vrms) / +4 dBm (1.23Vrms) (internal switch)
INPUT IMPEDANCE	20 kΩ balanced 10 kΩ unbalanced
PROTECTION DEVICES	Temperature, DC, RFI, Short circuit, Soft-Start, Thermal Power Transformer
INPUT CONNECTORS *(per channel)*	XLR, Stereo 6.3 mm Phone Jack
OUTPUT CONNECTORS *(per channel)*	SPEAKON 4-way
COOLING	2 variable-speed fans
FRONT PANEL CONTROLS	2 32-step Level Attenuator, Thermal Mains Switch
INDICATORS *(per channel)*	On, Signal, Limiter, Mute, Temperature
POWER CONSUMPTION *(full power 4 Ω)*	120V 60 Hz : 32A 230V 50 Hz : 16A
DIMENSIONS (H x W x D)	130 x 482 x 455 mm (3 rack U)
NET WEIGHT	28 kg

DCA SERIES POWER AMPLIFIERS

DCA series is an affordable and reliable line of power amplifiers. MOSFET technology achieves sonic warmth down to 4 Ohm loads. Full protection circuitry makes DCA amplifiers extremely reliable even in the most demanding situations.

Sleep better at night (!): for your speakers reliability we've included a real-time fast Limiter circuit that doens't affect sound quality.

DCA series features three models:

- the 250, a convective-cooled studio format
- the 550, a 250 W high efficiency cooled amp
- the 1050, a 500 W double fan high efficiency cooled amp

Try them with our ProSound Monitor, Performer ans passive ART enclosures range.

You won't believe it!

DCA 250
DCA 550

"DYNAMIC CONTROL SERIES" STEREO POWER AMPLIFIERS

- Class AB philosophy
- MOSFET design
- High efficiency cooling
- Full protections
- Soft Clip Limiter
- Soft Start
- Speakon 4-way output connector
- Stereo-mono bridge rear-switch



SPECIFICATIONS

MODEL	DCA 250	DCA 550
STEREO	4 Ω 2 x 100 W RMS 8 Ω 2 x 75 W RMS	4 Ω 2 x 250 W RMS 8 Ω 2 x 180 W RMS
BRIDGED	8 Ω 200 W RMS	8 Ω 500 W RMS
PARALLEL	2 Ω 200 W RMS	2 Ω 500 W RMS
FREQUENCY RESPONSE	20 Hz -20 kHz (-0.2 dB) 10 Hz -60 kHz (-3 dB)	20 Hz -20 kHz (-0.2 dB) 10 Hz - 60 kHz (-3 dB)
THD+N	<0.05% @ 1 kHz <0.1% @ 20 kHz	<0.05% @ 1 kHz <0.1% @ 20 kHz
SMPTE IMD	<0.03% max power (4 Ω)	<0.03% max power (4 Ω)
DAMPING FACTOR	>200:1 (8 Ω)	>200:1 (8 Ω)
SLEW RATE	25V/µS	30V/µS
SIGNAL TO NOISE RATIO	>100 dB "A" Weighted	>100 dB "A" Weighted
CROSSTALK	>55 dB @ 1 kHz	>55 dB @ 1 kHz
INPUT SENSITIVITY (for rated power 4 Ω)	0dBm (0.775 Vrms)	0dBm (0.775 Vrms)
INPUT IMPEDANCE	20 kΩ balanced 10 kΩ unbalanced	20 kΩ balanced 10 kΩ unbalanced
PROTECTION DEVICE	Temperature, DC,RFI Short circuit, Soft-Start Thermal Power Transformer	Temperature, DC,RFI Short circuit, Soft-Start Thermal Power Transformer
INPUT CONNECTORS (per channel)	Phone Jack 6.3 mm	XLR, Phone Jack 6.3 mm
OUTPUT CONNECTORS (per channel)	SPEAKON 4-way	SPEAKON 4-way
COOLING	Convection	1 two-speed fan
FRONT PANEL CONTROLS	2 Level Attenuator Mains Switch	2 Level Attenuator Mains Switch
REAR PANEL CONTROLS	Signal Ground/Lift Switch Mode Select Switch	Signal Ground/Lift Switch Mode Select Switch
INDICATORS (per channel)	Signal, Peak,	Signal, Peak, Prot
INDICATORS	On, Prot	On, High Current, High Temperature
POWER SUPPLY	120 V 60 Hz (5A Max) 230 V 50 Hz (2,5A Max)	120 V 60 Hz (8A Max) 230 V 50 Hz (4A Max)
DIMENSIONS (H x W x D)	44 x 482 x 260 mm	88 x 482 x 310 mm
RACK HEIGHT	1U	2U
NET WEIGHT	7 kg	13 kg

DCA 1050

"DYNAMIC CONTROL SERIES" STEREO POWER AMPLIFIER

- Class AB philosophy
- MOSFET design
- High efficiency cooling via 2-fans
- Full protections
- Soft Clip Limiter
- Soft Start
- Speakon 4-way output connectors
- Stereo-mono bridge rear-switch



SPECIFICATIONS

MODEL	DCA 1050
STEREO	4 Ω 2 x 500 W RMS 8 Ω 2 x 310 W RMS
BRIDGED	8 Ω 1000 W RMS
PARALLEL	2 Ω 1000 W RMS
FREQUENCY RESPONSE	20 Hz -20 kHz (-0.2dB) 10 Hz-60 kHz (-3dB)
THD+N	<0.05% @ 1 kHz <0.1% @ 20 kHz
SMPTE IMD	<0.03% max power (4 Ω)
DAMPING FACTOR	>200:1 (8 Ω)
SLEW RATE	32V/µS
SIGNAL TO NOISE RATIO	>100 dB "A" Weighted
CROSSTALK	>55 dB @ 1 kHz
INPUT SENSITIVITY (for rated power 4 Ω)	0dBm (0.775 Vrms)
INPUT IMPEDANCE	20 kΩ balanced 10 kΩ unbalanced
PROTECTION DEVICE	Temperature, DC,RFI, Short circuit, Soft-Start, Thermal Power Transformer
INPUT CONNECTORS (per channel)	XLR, Phone Jack 6.3 mm
OUTPUT CONNECTORS (per channel)	SPEAKON 4-way
COOLING	2 two-speed fans
FRONT PANEL CONTROLS	2 Level Attenuator, Mains Switch
REAR PANEL CONTROLS	Signal Ground/Lift Switch, Mode Select Switch
INDICATORS (per channel)	Signal, Peak, Prot
INDICATORS	On, High Current, High Temperature
POWER SUPPLY	120 V 60 Hz (16A Max) 230 V 50 Hz (8A Max)
DIMENSIONS (H x W x D)	88 x 482 x 390 mm
RACK HEIGHT	2U
NET WEIGHT	19 kg