iNUKE NU6000DSP NU3000DSP NU1000DSP NU6000 NU3000 NU1000

Specifications

NU6000DSP

Output Power	
Maximum output power	
Stereo	
8 Ω per channel, stereo	1500 W
4 Ω per channel, stereo	3000 W
2 Ω per channel, stereo	—
Bridged mono	
8 Ω	—
4 Ω	—
RMS	
Stereo	
8 Ω per channel, stereo	1100 W
4 Ω per channel, stereo	2200 W
2 Ω per channel, stereo	—
Bridged mono	
8 Ω	—
4 Ω	—

System	
Controls	
Front	Power switch, Gain controls (channels A and B) DSP section rotary push-encoder, Buttons for Process, Setup, Up/Down, Exit
Indicators	
Power	Amber backlit illuminated gain controls
Limit (per channel)	0 dB, full scale
Signal (per channel)	-24, -12, -6 dB
Digital Signal Processing (DSP)	
Display	LCD 128 x 32, amber backlit
Digital delay function (per channel)	0 - 300 ms
Digital crossover function	3 filter types, up to 48 dB/octave
Digital EQ function (per channel)	8-band parametric, 2-band dynamic equalizer
Digital dynamics function (per channel)	Zero attack limiter (peak)
Presets	20 total presets, 19 user-definable

Connectors	
Inputs	2 x combo jacks
Input impedance	10 kΩ unbalanced, 20 kΩ balanced
Outputs	2 x locking-style professional speaker connectors
Output circuit type	Class D
Distortion	<0.2%
Frequency response	20 Hz to 20 kHz, +0 / -2 dB
Damping factor	>140 @ 8 Ω
Signal-to-noise	>98 dB
USB	Front panel USB connector type B for remote control of DSP section
Circuit Protection	
Cooling	Continuously variable speed fan, Back-to-front air flow
Amplifier protection	Thermal and DC protection, Stable into reactive or mismatched loads
Load protection	On/off muting, DC-fault power supply shutdown

Power Supply, Power Consumption @ 1/8 Rated Power, Voltage (Breaker / Fuses)	
USA / Canada	120V~, 60Hz (25A)
UK / Australia / Europe	220-240 V~, 50/60 Hz, (12A)
Korea / China	220-240 V~, 50/60 Hz,(12A)
Japan	100 V~, 50/60 Hz, (25A)
Power consumption @ 2 ohms	—
Power consumption @ 4 ohms	620 W
Mains connector	Standard IEC receptacle

Dimensions/Weight	
Dimensions (H x W x D)	appr. 3.5 x 19.01 x 12.91" appr. 89 x 483 x 328 mm
Weight	appr. 11.4 lbs / 5.2 kg

NU3000DSP

Output Power	
Maximum output power	
Stereo	
8 Ω per channel, stereo	440 W
4 Ω per channel, stereo	820 W
2 Ω per channel, stereo	1520 W
Bridged mono	
8 Ω	1500 W
4 Ω	3000 W
RMS	
Stereo	
8 Ω per channel, stereo	315 W
4 Ω per channel, stereo	620 W
2 Ω per channel, stereo	1040 W
Bridged mono	
8 Ω	1250 W
4 Ω	2075 W

System	
Controls	
Front	Power switch, Gain controls (channels A and B) DSP section rotary push-encoder, Buttons for Process, Setup, Up/Down, Exit
Indicators	
Power	Amber backlit illuminated gain controls
Limit (per channel)	0 dB, full scale
Signal (per channel)	-24, -12, -6 dB
Digital Signal Processing (DSP)	
Display	LCD 128 x 32, amber backlit
Digital delay function (per channel)	0 - 300 ms
Digital crossover function	3 filter types, up to 48 dB/octave
Digital EQ function (per channel)	8-band parametric, 2-band dynamic equalizer
Digital dynamics function (per channel)	Zero attack limiter (peak)
Presets	20 total presets, 19 user-definable

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Connectors	
Inputs	2 x combo jacks
Input impedance	10 kΩ unbalanced, 20 kΩ balanced
Outputs	2 x locking-style professional speaker connectors
Output circuit type	Class D
Distortion	<0.3%
Frequency response	20 Hz to 20 kHz, +0 / -1 dB
Damping factor	>145 @ 8 Ω
Signal-to-noise	>98 dB
USB	Front panel USB connector type B for remote control of DSP section
Circuit Protection	
Cooling	Continuously variable speed fan, Back-to-front air flow
Amplifier protection	Thermal and DC protection, Stable into reactive or mismatched loads
Load protection	On/off muting, DC-fault power supply shutdown

Power Supply, Power Consumption @ 1/8 Rated Power, Voltage (Breaker / Fuses)	
USA / Canada	120 V~, 60 Hz (T 10 A H 250 V)
UK / Australia / Europe	220-240 V~, 50/60 Hz (T 6.3 A H 250 V)
Korea / China	220-240 V~, 50/60 Hz (T 6.3 A H 250 V)
Japan	100 V~, 50/60 Hz (T 10 A H 250 V)
Power consumption @ 2 ohms	350 W
Power consumption @ 4 ohms	210 W
Mains connector	Standard IEC receptacle

Dimensions/Weight	
Dimensions (H x W x D)	appr. 3.5 x 19 x 9.76" appr. 89 x 483 x 248 mm
Weight	appr. 6.8 lbs / 3.1 kg

NU1000DSP

Output Power	
Maximum Output Power	
Stereo	
8 Ω per channel, stereo	160 W
4 Ω per channel, stereo	320 W
2 Ω per channel, stereo	530 W
Bridged mono	
8 Ω	570 W
4 Ω	1050 W
RMS	
Stereo	
8 Ω per channel, stereo	110 W
4 Ω per channel, stereo	210 W
2 Ω per channel, stereo	380 W
Bridged mono	
8 Ω	430 W
4 Ω	750 W

System	
Controls	
Front	Front Power switch, Gain controls (channels A and B) DSP section rotary push-encoder, Buttons for Process, Setup, Up/Down, Exit
Indicators	
Power	Amber backlit illuminated gain controls
Limit (per channel)	0 dB, full scale
Signal (per channel)	-24, -12, -6 dB
Digital Signal Processing (DSP)	
Display	LCD 128 x 32, amber backlit
Digital delay function (per channel)	0 - 300 ms
Digital crossover function	3 filter types, up to 48 dB/octave
Digital EQ function (per channel)	8-band parametric, 2-band dynamic equalizer
Digital dynamics function (per channel)	Zero attack limiter (peak)
Presets	20 total presets, 19 user-definable

Connectors	
Inputs	2 x combo jacks
Input impedance	10 kΩ unbalanced, 20 kΩ balanced
Outputs	2 x locking-style professional speaker connectors
Output circuit type	Class D
Distortion	<0.1%
Frequency response	20 Hz to 20 kHz, +0 / -1 dB
Damping factor	>155 @ 8 Ω
Signal-to-noise	>98 dB
USB	Front panel USB connector type B for remote control of DSP section
Circuit Protection	
Cooling	Continuously variable speed fan, Back-to-front air flow
Amplifier protection	Thermal and DC protection, Stable into reactive or mismatched loads
Load protection	On/off muting, DC-fault power supply shutdown

Power Supply, Power Consumption @ 1/8 Rated Power, Voltage (Breaker / Fuses)	
USA / Canada	120 V~, 60 Hz (T 6.3 A H 250 V)
UK / Australia / Europe	220-240 V~, 50/60 Hz (T 3.15 A H 250 V)
Korea / China	220-240 V~, 50/60 Hz (T 3.15 A H 250 V)
Japan	100 V~, 50/60 Hz (T 6.3 A H 250 V)
Power consumption @ 2 ohms	150 W
Power consumption @ 4 ohms	70 W
Mains connector	Standard IEC receptacle

Dimensions/Weight	
Dimensions (H x W x D)	appr. 3.5 x 19 x 9.76" appr. 89 x 483 x 248 mm
Weight	appr. 6.8 lbs / 3.1 kg

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NU6000

Output Power	
Maximum Output Power	
Stereo	
8 Ω per channel, stereo	1500 W
4 Ω per channel, stereo	3000 W
2 Ω per channel, stereo	—
Bridged mono	
8 Ω	—
4 Ω	—
RMS	
Stereo	
8 Ω per channel, stereo	1100 W
4 Ω per channel, stereo	2200 W
2 Ω per channel, stereo	—
Bridged mono	
8 Ω	—
4 Ω	—

System	
Controls	
Front	Power switch Gain controls (channels A and B)
Rear	Mode switch (stereo/mono) Crossover switch (fullrange/100 Hz)
Indicators	
Power	Amber/red backlit illuminated gain controls
Limit (per channel)	0 dB, full scale
Signal (per channel)	-24, -12, -6 dB
Connectors	
Inputs	2 x combo jacks
Input impedance	10 kΩ unbalanced, 20 kΩ balanced
Outputs	2 x locking-style professional speaker connectors
Output circuit type	Class D
Distortion	<0.2%
Frequency response	20 Hz to 20 kHz, +0 / -2 dB
Damping factor	>140 @ 8 Ω
Signal-to-noise	>100 dB
Circuit Protection	
Cooling	Continuously variable speed fan Back-to-front air flow
Amplifier protection	Thermal and DC protection Stable into reactive or mismatched loads
Load protection	On/off muting, DC-fault power supply shutdown

Power Supply, Voltage (Breaker/Fuse)	
USA / Canada	120V~, 60Hz (25A)
UK / Australia / Europe	220-240 V~, 50/60 Hz, (12A)
Korea / China	220-240 V~, 50/60 Hz,(12A)
Japan	100 V~, 50/60 Hz, (25A)
Power consumption @ 2 Ω	—
Power consumption @ 4 Ω	620 W
Mains connector	Standard IEC receptacle

Dimensions/Weight	
Dimensions (H x W x D)	appr. 3.5 x 19 x 12.91" appr. 89 x 483 x 328 mm
Weight	11 lbs / 5 kg

NU3000

Output Power	
Maximum Output Power	
Stereo	
8 Ω per channel, stereo	440 W
4 Ω per channel, stereo	880 W
2 Ω per channel, stereo	1500 W
Bridged mono	
8 Ω	1500 W
4 Ω	3000 W
RMS	
Stereo	
8 Ω per channel, stereo	280 W
4 Ω per channel, stereo	550 W
2 Ω per channel, stereo	1100 W
Bridged mono	
8 Ω	1100 W
4 Ω	2200 W

System	
Controls	
Front	Power switch Gain controls (channels A and B)
Rear	Mode switch (bridge/stereo/mono) Crossover switch (fullrange/100 Hz)
Indicators	
Power	Amber/red backlit illuminated gain controls
Limit (per channel)	0 dB, full scale
Signal (per channel)	-24, -12, -6 dB
Connectors	
Inputs	2 x combo jacks
Input impedance	10 kΩ unbalanced, 20 kΩ balanced
Outputs	2 x locking-style professional speaker connectors
Output circuit type	Class D
Distortion	<0.2%
Frequency response	20 Hz to 20 kHz, +0 / -1 dB
Damping factor	>160 @ 8 Ω
Signal-to-noise	>100 dB
Circuit Protection	
Cooling	Continuously variable speed fan Back-to-front air flow
Amplifier protection	Thermal and DC protection Stable into reactive or mismatched loads
Load protection	On/off muting, DC-fault power supply shutdown

Power Supply, Voltage (Breaker/Fuse)	
USA / Canada	120 V~, 60 Hz (T 10 A H 250 V)
UK / Australia / Europe	220-240 V~, 50/60 Hz (T 6.3 A H 250 V)
Korea / China	220-240 V~, 50/60 Hz (T 6.3 A H 250 V)
Japan	100 V~, 50/60 Hz (T 10 A H 250 V)
Power consumption @ 2 Ω	350 W
Power consumption @ 4 Ω	170 W
Mains connector	Standard IEC receptacle

Dimensions/Weight	
Dimensions (H x W x D)	appr. 3.5 x 19 x 9.76" appr. 89 x 483 x 248 mm
Weight	6.17 lbs / 2.8 kg

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NU1000

Output Power

Maximum Output Power	
Stereo	
8 Ω per channel, stereo	150 W
4 Ω per channel, stereo	300 W
2 Ω per channel, stereo	500 W
Bridged mono	
8 Ω	500 W
4 Ω	1000 W
RMS	
Stereo	
8 Ω per channel, stereo	100 W
4 Ω per channel, stereo	200 W
2 Ω per channel, stereo	400 W
Bridged mono	
8 Ω	400 W
4 Ω	800 W

System

Controls	
Front	Power switch Gain controls (channels A and B)
Rear	Mode switch (bridge/stereo/mono) Crossover switch (fullrange/100 Hz)

Indicators	
Power	Amber/red backlit illuminated gain controls
Limit (per channel)	0 dB, full scale
Signal (per channel)	-24, -12, -6 dB
Connectors	
Inputs	2 x combo jacks
Input impedance	10 kΩ unbalanced, 20 kΩ balanced
Outputs	2 x locking-style professional speaker connectors
Output circuit type	Class D
Distortion	<0.1%
Frequency response	20 Hz to 20 kHz, +0 / -1 dB
Damping factor	>155 @ 8 Ω
Signal-to-noise	>100 dB
Circuit Protection	
Cooling	Continuously variable speed fan Back-to-front air flow
Amplifier protection	Thermal and DC protection Stable into reactive or mismatched loads
Load protection	On/off muting, DC-fault power supply shutdown

Power Supply, Voltage (Breaker/Fuse)

USA / Canada	120 V~, 60 Hz (T 6.3 A H 250 V)
UK / Australia / Europe	220-240 V~, 50/60 Hz (T 3.15 A H 250 V)
Korea / China	220-240 V~, 50/60 Hz (T 3.15 A H 250 V)
Japan	100 V~, 50/60 Hz (T 6.3 A H 250 V)
Power consumption @ 2 Ω	150 W
Power consumption @ 4 Ω	70 W
Mains connector	Standard IEC receptacle

Dimensions/Weight

Dimensions (H x W x D)	appr. 3.5 x 19 x 9.76" appr. 89 x 483 x 248 mm
Weight	6.17 lbs / 2.8 kg

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