

Essentia Specifications

Zones 1-6 Power Amplifier Outputs

Continuous Average Output Power	40W (20W x 2)
Two channels driven 30-20kHz @1% THD	
Rated Distortion (1/2 power)	0.40%
Rated Impedance	6 Ohms
Damping Factor	50+
Frequency Response (20-20kHz)	±2 dB

Zones 1 and 2 Preamplifier Outputs

Variable output	0-2.4V
Fixed output	2.4V
Impedance	1k Ohms

Source Inputs 1-6

Input Impedance	20K
Input Sensitivity for rated power	300mV RMS
Input Overload	2.4V RMS

IR Emitter Outputs

Source Outputs	6
Sum Outputs	1
Output Drive Current	20mA
Output Drive Voltage	5V
Compatible with single and dual emitters	

System

System On Output	5V @ 20mA
External Mute Input	3.3-10V DC

Serial Port

Baud Rate	57,600
Data Bits	8
Stop Bits	1
No Parity	
No Flow Control	

Zone Trigger Outputs

Output Power	5V @ 20mA
Outputs	2 (zones 1,2)

Power Requirements*

Power Supply	85-265VAC 50/60Hz
Power Consumption all channels at maximum available output	150VA (150W)
Power Consumption average operating conditions	70VA (70W)
Power Consumption no signal	18VA (12W)
Standby Power Consumption	0.8 W
USA Safety Listing (UL 6500)	
Canada Safety Listing (CAN/CSA E60065.00)	
CE Listing/SEMKO (EN60065, EN55013, EN55020, EN6100-3-2, EN6100-3-3/A1)	
Australia C-Tick	

Physical Specifications

Unit Size Millimeters	44 H x 430 W x 250 D
Unit Size Inches	1 3/4 H x 17 W x 9 7/8 D
Shipping Size Millimeters	265 x 558 x 375
Shipping Size Inches	10 1/2 x 22 x 14 3/4
Unit Weight Kilograms	3.0
Unit Weight Pounds	6.65
Shipping Weight Kilograms	7.5
Shipping Weight Pounds	16.5
Keypad Size Millimeters*	66 H x 33 W x 30 D
Keypad Size Inches*	2 5/8 H x 1 1/4 W x 1 1/8 D
Keypad Size Millimeters**	50 H x 50 W x 30 D

* Measurement is for the single NV-E6GCP-DC Control Pad

** Measurement is for the single NV-E6GCP-UK Control Pad

NuVo reserves the right to change specifications without notice.

NV-E6GMS-DC Package Contents

NV-E6GMS-DC Essentia System

- 1 NV-E6GM Essentia G Main Amp
- 6 NV-E6GCP-DC Decora style* Control Pads with white, ivory, almond and black screwless trim plates
- 1 NV-GRC1 Remote Control
- 6 NV-VEC Visible IR emitters
- 1 NV-E6GMAP-DC Main Allport connection hub
- 1 NV-E6GAPC Essentia Allport Cable
- 1 NV-NC1 10 foot network cable
- 1 pr. NV-REM1U Rack Ear Mounts
- 1 NV-PC2-NA IEC 2 wire Power Cable (USA models only)

NV-E6GXS-DC Essentia Expander System

- 1 NV-E6GX expander amplifier
- 6 NV-E6GCP-DC Decora style* Control Pads with white, ivory, almond and black screwless trim plates
- 1 NV-GRC1 Remote Control
- 1 NV-E6GXAP-DC Expander Allport connection hub
- 1 NV-E6GAPC Essentia Allport Cable
- 6 NV-RCAY3 3 foot RCA stereo "Y" Cable
- 2 NV-NC 1 foot network cables
- 1 pr. NV-REM1U Rack Ear Mounts
- 1 NV-PC2-NA IEC 2 wire Power Cable (USA models only)

* Decora is a registered trademark of the Leviton Corporation