



**Essentia D BTicino®  
Wiring Diagram**

**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)	±2dB

**Zones 1-6 Preamplifier Outputs**

Variable output	0-600mV
Fixed output	600mV
Impedance	600 Ohms

**Source Inputs 1-6**

Input Impedance	10K
Input Sensitivity for rated power	300mV RMS
Input Overload	3V RMS

**Emitter Outputs**

Source Outputs	6
Sum Outputs	2
Output Drive Current	100mA
Output Drive Voltage	12V
Compatible with single and dual emitters	

- Essentia system package ships complete with the following:**
- Essentia six-source, six-zone system
  - 6 keypads (black, silver, or white)
  - 36 pre-printed source buttons
  - 1 LRC1 remote with batteries
  - EZ-Port Cat-5 connection hub
  - Network cable
  - 6 infrared emitters

**System**

System On	12V @ 50mA
External Mute	3-12V DC

**Zone Trigger Outputs**

Output Power	12V @ 50mA
Outputs	6 (zones 1-6)

**Power Requirements**

Power Supply	120VAC/240VAC 50/60Hz
Power Consumption all channels driven to full-rated power	340VA (290W)
Power Consumption average operating conditions	50VA (40W)
Power Consumption no signal	30VA (12.5W)
USA Safety Listing (UL 6500)	Pending
Canada Safety Listing (CAN/CSA E60065.00)	Pending
CE Listing/SEMKO (EN60065, EN55013, EN55020, EN6100-3-2, EN6100-3-3/A1)	Pending

**Physical Specifications**

Unit Size Millimeters	88H x 430W x 325D
Unit Size Inches	3 1/2H x 17W x 12 3/4D
Keypad Size Millimeters	71H x 41.5W x 32.5D
Shipping Size Millimeters	290H x 540W x 440D
Shipping Size Inches	11 3/8H x 21 1/4W x 17 3/8D
Unit Weight Pounds	17.0 (7.8kg)
Shipping Weight Pounds	28 (12.7kg)

*NuVo reserves the right to change specifications without notice.*



NuVo uses D Amplifier™ by Philips Semiconductors



The Sound of LiVing.



www.nuvotechnologies.com  
2395 Arbor Tech Drive, Hebron, KY 41048  
Phone: 859-817-7200 Toll Free: 866-796-4904

ESS-196-0622B

Essentia®

Six-Source, Six-Zone Audio Distribution System

# Six Sound Sources, Six Listening Zones, and the Next Wave in Digital Technology...

## Welcome to Generation D.™

### Generation D

Integrated, intelligent and incorporating Generation D design protocol makes pure digital audio a reality for your family. The digital Essentia delivers energy conservation, lower heat generation, and clear, precise sound from a powerful multi-source home audio distribution system – all with a price designed to make everyone smile.

### Customized Sound for Each Room in Your House

Whether you thrill to a pulse-pounding bass or soul-souring highs, now you can adjust equalization settings conveniently from the front of Essentia's new keypad to fit the natural acoustics for each room. Find creating the ideal listening experience, even in open living spaces (such as the living, dining and kitchen area) is as easy as the touch of a button using NuVo's unique grouping feature. Instantly apply group mode to share the same listening selection throughout multiple zones of your choice.

### Simple, Seamless Installation

Essentia requires no programming, and like all NuVo products, installation is a snap. Essentia's unique EZ Port connection hub neatly conceals all keypad wiring while integrating the entire system seamlessly.

### Home Automation Control

Essentia comes equipped for home automation control, allowing you to connect your audio distribution system to a complete home automation system. NuVo products are designed for compatibility, integrating smoothly into other equipment and are considered to be among the most uncomplicated systems for integration.

### Adapt With Flexibility

As your needs change, Essentia is designed to grow with you, so even if you don't need a complex system now, you will always have the option to add more in the future. Expand the Essentia to twelve zones of audio with the easy addition of the Essentia Expander or upgrade to the NuVo Concerto system.

### Control the Excitement

Essentia is taken to a whole new level of wireless control with the new Learning Remote Control. Manage your whole home audio system and control up to six additional devices for an All-In-One control solution. The combinations and possibilities are endless and are not limited to one zone or even one remote. Add additional learning remotes to zones where added wireless control is desired.

*New Keypad with easy zone set up and front-end equalization control.*



*NuVo's user-friendly keypad comes in one color of your choice (black, silver, or white) to fit a wide range of interior designs, and is compatible with BTicino® Wallplates.*

*BTicino® is a registered trademark of the BTicino Company. BTicino wallplates do not ship with the unit.*

**CAUTION:** NuVo may cause spontaneous dancing.

### A Better Solution

Now Essentia offers more than ever, for the homeowner desiring more power in more zones, while maintaining the same clean and pure audio NuVo's known for. An elegant choice to fill the increased desire, Essentia applies 40 watts of power per zone, letting you rock or groove to six times the selection in six different zones of the home.

Imagine listening to a classical CD in the kitchen while your spouse is hearing the rich, full sound of a DVD upstairs, your daughter is listening to pop music in the sunroom, and your son and his friends are in the den, tuning into the big game.

Home never sounded so good.

## Essentia Features:

- Six audio source inputs for multi-source capability, and up to six zones of music (expandable to twelve zones)
- 40 watts of power per zone for high-quality sound
- Generation D digital amplifier for cooler operation and higher power output
- RS-232 serial port for home automation integration
- Built-in infrared receiver that blocks adverse interference of plasma displays, sunlight, or fluorescent lighting
- Fixed and variable line outputs for use with external higher power amplifiers when additional power is needed
- **NEW** keypad with convenient front-end control for equalization settings, source grouping, master mode, and volume reset
- **NEW** Learning Remote for control of up to six additional devices

\* *Essentia comes complete with all of the necessary components for the installation with the exception of speakers, wire and audio source equipment.*



6 six audio sources to six zones throughout the home



# NuVo®

## The Sound of LiVing.