

NÜVÖ®

The Sound of LiVing.

Source Equipment

Innovative Source Equipment for a Digital Age



MENU



OK



FM STEREO • AM • WEAT

DAB 9A

Suite Dreams



NuVo Makes Your Dreams Reality

If you can dream it, NuVo can make it happen. We're taking home audio to new heights with innovative source equipment. We've combined proven performance excellence with the industry's most innovative technology to reinvent the home music experience. So you can craft a customized home soundscape with possibilities as limitless as your own imagination. **Combined with the Concerto (I8G) or Essentia (E6G) system**, digital sound sources from NuVo let you experience the future of whole home audio, **a future where your wildest dreams come true.**

T2 NuVoDock M3 Music Port

With music sources from NuVo, you have the freedom to create your own universe of music. Whether you collect CDs, download songs from the internet, or subscribe to a music service, the **M3 Music Server** gives you media freedom and the security of a dedicated hard drive. Or, with the new **Music Port**, use your computer as the music source and enjoy ultimate access to all your PC audio content. NuVo's two **NuVoDock** options expand the flexibility of your portable player – you can enjoy your iPod library in any zone in and around your home. Going beyond, whether your listening preferences are terrestrial (AM/FM) or extraterrestrial (DAB), the **T2 Tuner** brings you impeccable sound quality that is truly out of this world.

This is the sound of living.

Caution: NuVo may cause spontaneous dancing.



M3

M3 Music Server

The future of whole home audio has arrived with the M3 Music Server, the first in-home music server of its kind to interface with Windows Media Player—synchronizing the music library and playing DRM music. Now you can personalize your audio experience with “My Music” whether it’s downloaded, subscribed, or on CD. Listen from anywhere in your home, in up to three zones, simultaneously. Create customized playlists or jump right to your favorites. The dedicated hard disk provides backup security and is easy to navigate. And for large audio libraries, the added capacity of 500GB is perfect for the non-compressed files of the discriminating listener.



M3 Music Server Features:

- 3 source outputs
- 160GB or 500GB hard disk options
- Windows Media Player content management
- Compatibility with DRM music
- Supports all standard WMA, MP3, and WAV file types
- Standard USB sync for easy file transfer from PCs
- NuVoNet smart source communication for complete control and navigation from the Control Pads (browse by playlist, track, artist, album, genre, or favorites)
- Capacitive Touch front panel with OLED display for clean, solid-state control and high readability

Music Port™

Music Port™

The latest NuVoNet source – Your PC, with the NuVo Music Port.

Now you can enjoy all of your personal computer audio content, downloads, ripped files, and podcasts as one collective library with multi-output access from anywhere in your home!

Music Port's NuVoNet connectivity and user-friendly software interface enable direct access to music stored on your PC in any format (iTunes & Windows). Over NuVoNet you can navigate and control your system from any Concerto (I8G) or Essentia (E6G) Control Pad in the home, and with the Music Port Software, you can control your system from any PC or touchscreen.



Music Port Features:

- Converts PC audio to up to six audio sources for simultaneous direct playback
- Merged library of all iTunes and Windows Media Player audio content (including protected files)
- NuVoNet smart source communication for complete control and navigation from the Control Pads (browse by playlist, track, artist, album, genre, or favorites)
- Software interface for basic operation of Concerto (I8G) and Essentia (E6G)
- Software interface access from unlimited LAN connected touchscreens and PCs
- Simple wizard based software installation
- Enables wireless control via LAN
- Album art on software interface
- Flexible on-wall or in-rack installation



T2

FM 94.1
Outkast



NV-T2DFG version shown

T2 Tuner

The T2 Tuner from NuVo lets you enjoy advanced radio technology with AM, FM, or DAB options in one innovative tuner. Exceptional technology delivers sensational results while combining the best of both terrestrial and extraterrestrial signals – in **three available combinations**. And, with crystal clear reception, you can enjoy state-of-the-art sound, and your favorite broadcast programs, no matter which option you choose.

With reception this remarkable, the T2 delivers a music experience **that is out of this world**.

T2 Tuner Features:

- Advanced, state-of-the-art tuners for better, clearer reception
- World-class design standard incorporating both USA and European tuning options
- Dual simultaneous outputs
- Sleek, single-rack design
- Direct infrared input, eliminating the need for IR emitters
- RS-232 for whole home automation integration
- Remote control included for wireless control
- NuVo Suite or standalone operation
- NuVoNet smart source communication for complete control and navigation from the Control Pads
- Metadata: Radio Data Service (RDS) and Digital Audio Broadcast (DAB) display information*
- Customizable station presets
- Configurable tuning and setup options
- Our exclusive, Remote Active Antenna*, which can deliver crystal clear AM/FM reception up to 200 feet from the tuner location

*Available on applicable versions

Margaritaville !
FM 103.5 ST
[signal strength icon]
The MIX | The Be

DAB

Digital Audio Broadcasting

NV-T2DAB version shown



Dual AM/FM Weather Band Tuner | Dual AM/FM Tuner | Dual DAB/FM Tuner



T2DAB and T2FAM awarded the
ENERGY STAR®

NuVoDock for iPod

Wireless and Remote NuVoDocks for iPod®

For those who live life by their own soundtrack, no innovation in recent decades has touched the iPod® revolution in its extreme transformation of the personal music experience. **Now you can maximize your personal player capabilities and hear your favorite music anywhere in your home by utilizing your whole home audio system.** Just dock your iPod®, control it, and listen to it throughout the house, without draining its charge. Available in two NuVoNet smart source versions: wireless and remote.

With the Wireless NuVoDock, you can connect to all your favorite music, with no pre-wiring, no complex installation, and no tricky programming. And it's flexible to move from room to room. Hear your iPod® like you've never heard it before. **Everywhere.**



Remote

Remote NuVoDock Features:

- Single CAT5 run for audio, power, and data signals
- iPod® Fast Charging station
- Receiving capacity for up to six docks per system
- NuVoNet smart source communication for complete control and navigation from the Control Pads (browse by playlist, track, artist, album, genre, or favorites)
- Plug-and-Play with Concerto (I8G) and Essentia (E6G) systems



Wireless

Wireless NuVoDock Features:

- Signal transmission in a radius of 150 feet*
- Uninterrupted high-fidelity audio reproduction
- iPod® Fast Charging station
- Flexible to move throughout the home
- No pre-wiring required
- NuVoNet smart source communication for complete control and navigation from the Control Pads (browse by playlist, track, artist, album, genre, or favorites)
- Plug-and-Play with Concerto (I8G) and Essentia (E6G) systems

* Maximum wireless signal range may vary. Network conditions and environmental factors, including building materials and construction, may affect signal range.



M3 Specifications:

Power Specifications

AC Power Input	100 - 240 VAC, 50/60 Hz
Power Consumption	35W max. (startup - less than 2 seconds) 10W (operating) 4W (standby)

Infrared Specifications

IR Control Output	IR Pass-through paralleled with wired IR input
IR Control Capability (with non-Concerto systems)	Power, Menu, FFWD/next, REW/previous, Play/Pause, OK, UP, DOWN Favorites
NOTE - IR capability not implemented in versions prior to 1.10	
Other IR Control Inputs:	Wired IR input via 3.5 mm 2-circuit jack, - 3 V peak to 12V peak, 38 KHz modulated pulse pattern NuVo pulse definitions, NEC format
IR Sensor Location	Front panel, center

Physical Specifications

Unit Size (not including rack ears or feet)	1.75" H x 17" W x 9.875" D (44 x 430 x 250 mm)
Shipping Size	8.07" H x 20.3" L x 13.5" W (205 x 515 x 343 mm)
Unit Weight	6.85 lbs. (3.11 kg)
Shipping Weight	14.3 lbs. (6.5 kg)

Audio Specifications

Outputs	3 Stereo analog, each with dual RCA jacks
Output Level	Full-scale digital output = 1.12 Vrms (4.5 V peak - to - peak)
Output Impedance	70 ohms, typical

General Specifications

Server Configuration	Hard Disk - based, three output
Local Control Interface - Control keys:	Touch sensing - Power, Menu, FFWD/next, REW/previous, Play/Pause, OK, UP, DOWN
Hard Disk Drive Size	160 or 500 Gigabyte
File formats supported	MP3, 32 Kilobit per second (Kbps) to 320 Kbps, sample rates to 44.1 KHz as dictated by file WMA fixed bit rate, with or without WMDRM10 encoding, fixed, 48 kbps to 192 kbps WMA, variable bit rate, with or without WMDRM10, to 355 kbps WAV (uncompressed linear PCM), 16-bit, sample rates to 44.1 KHz (1411.2 kbps)
Parallel operation capability	All outputs capable of simultaneous independent browsing (via NuVonet) or playback
Applicable industry standards	Microsoft Windows Media Digital Rights Management 10 (WMDRM10) for Portable Devices
Real-Time Clock Capability	Secure Clock for time-limited DRM-protected music content per Microsoft WMDRM10 specifications).
Control Network Interface	NuVoNet proprietary control network, RS485 physical layer, 230.4 Kbaud
Music synchronization (downloading) port	Universal Serial Bus (USB) 2.0 - compatible Recommended music downloading PC application Microsoft Windows Media Player 11 Also compatible with other Windows applications utilizing current Microsoft Media Transfer Protocol (MTP)
Other Control Ports	RS232 with custom protocol for browse/playback, 57.6 Kbaud full-duplex, three outputs independently addressable
Local Control Interface - Display	OLED, Elegance Yellow, 1.6" diagonal, 128 x 64 pixels

Music Port™ Specifications:

Communications

NuVoNet	RS-485
Connection	RJ45 Jack
Protocol	Proprietary
NuVo Serial Control	RS-232
Connection	Male DB-9
Protocol	57,600 Baud, 8 Data Bits, No parity, 1 Stop Bit
Serial Controller	RS-232
Connection	Female DB-9
Protocol	57,600 Baud, 8 Data Bits, No parity, 1 Stop Bit

Host PC Requirements

Windows Vista, XP, or Home Server	
NV-MPSW (Software Installer)	
RS-232 Serial Port	
Sound Card	

Power Requirements

Power supplied via NuVoNet connection	
Voltage	20-24VDC
Power Consumption, Average	400mW

Physical Specifications

(Excluding Mounting Bracket)

Unit Size	2.5" L x 3.9" W x 1" H (64 L x 98 W x 25 H mm)
Shipping Size	9.6" L x 8.3" W x 4.6" H (244 L x 212 W x 118 H mm)
Unit Weight	0.5 lbs. (0.23 kg)
Shipping Weight	2.2 lbs. (1 kg)

Regulatory Compliance

CE Electromagnetic Compatibility	
FCC	
Australia C-Tick	

NuVo reserves the right to change specifications without notice.

T2 Specifications (T2DFG, T2FXG, T2DXG):

Power Requirements	
AC Power Input	90-264V/ 50/60 Hz
Power Consumption, operating	10W Max.
Power Consumption, standby	3W Max.
Memory Backup	Indefinite
Infrared Specifications	
Input Voltage	3-15 V
Input Carrier Frequency	38 kHz nominal
Polarity	Active High
Physical Specifications	
Unit Size	1.75"W x 17"D x 10.625"H (44 x 430 x 270 mm)
Shipping Size	8.07" H x 20.3" W x 13.5" D (205 x 515 x 343 mm)
Unit Weight	7.5 lbs. (3.4 kg)
Shipping Weight	14.3 lbs. (6.5 kg)
Audio Specifications	
Outputs	2 Stereo
Output level	Adjustable
Output Impedance	560 ohms

T2 Specifications (T2DAB, T2FAM, T2SIR):

Power Requirements	
AC Power Input	90-264 VAC 50/60Hz
Power Consumption, operating	3 W max.
Power Consumption, standby	1 W max.
Memory Backup	Indefinite
Infrared Specifications	
Input Voltage	3-15 V
Input Carrier Frequency	38 kHz nominal
Polarity	Active High
Physical Specifications	
Unit Size	1.75" H x 17" W x 9.875" D (44 x 430 x 250 mm)
Shipping Size	8.07" H x 20.3" W x 13.5" D (205 x 515 x 343 mm)
Unit Weight	5.20 lbs. (2.36 kg)
Shipping Weight	14.3 lbs. (6.5 kg)
Audio Specifications	
Outputs	2 Stereo Outputs
Level	1 Vrms
Impedance	470 ohms

NuVoDock for iPod® Specifications:

Wireless NuVoDock	
RF Frequency Range	2400-2483.5 MHz
Number of RF Channels	3
Output Power	16 dBm typ
Range	150 ft. typ*
RF Technology	Proprietary
Frequency Response (20Hz - 20kHz)	+/- 0.5 dB
THD (20Hz - 20kHz)	.015%
Signal to Noise	>87 dB
Power Supply	12V/5W DC 100-240 VAC
Network	NuVoNet
NV-WIPD Dimensions	3.25"W x 2.5"D x 2.25"H (81.3 x 63.5 x 57.2 mm)
NV-WIPD Weight	.35 lbs (0.16 kg)
NV-WIPR Dimensions	4.5625"W x .9063"D x 4.75"H (116.5 x 23.2 x 120 mm)
NV-WIPR Weight	.25 lbs (0.11 kg)
Shipping Dimensions	4.65" H x 9.6" W x 8.35" D (118 x 244 x 212 mm)
Shipping Weight	2.4 lbs (1.1 kg)

*Maximum wireless signal range may vary. Network conditions and environmental factors, including building materials and construction, may affect signal range.

AM Specifications	
Tuning Range	522 to 1720 kHz
IF Frequency	450 kHz
Usable Sensitivity	25 dB S/N
Auto Scan Sensitivity	Adjustable
Image Rejection	50 dB Min.
FM Specifications	
Tuning Range	87.5 to 108 MHz
IF Frequency	10.7 MHz
Usable Sensitivity, 30 dB S/N	14 dB μ V
Auto Scan Sensitivity	Adjustable
Image Rejection	50 dB Min.
Limiting Sensitivity	10 dB μ V
XM® Specifications	
XM® Band	2332.5 to 2345 MHz

FM	
Tuning Range	87.5 to 108.0 MHz
De-emphasis	50/75 μ s
Antenna Input	75 Ω (unbalanced)
AM	
Tuning Range	520 to 1710 kHz
Antenna Input	75 Ω (unbalanced)
Regulatory Approvals	
Intertek Listed (cETLus)	
USA Safety Listing (UL 60065)	
FCC	
Canada Safety Listing (CAN/CSA - C22.2 60065.06)	
ENERGY STAR®	

Remote NuVoDock	
Frequency Response (20Hz - 20kHz)	+/-0.5 dB 0.25 dB @ 300 ft. CAT5
THD (20Hz - 20kHz)	.015%
Signal to Noise	87 dB @ 300 ft. CAT5
Power Supply	12V/5W DC 100-240VAC
Network	NuVoNet
NV-RIPD Dimensions	3.2" W x 2.5" D x 2.25" H (81.3 X 63.5 X 57.2 mm)
NV-RIPD Weight	.4 lbs (.18 kg)
NV-RIPR-DC Dimensions	1.8125" W x 1.625" D x 4.625" H (45.7 x 33 x 118.1 mm)
NV-RIPR-DC Weight	.15 lbs (.068 kg)
NV-RJ45P-DC Dimensions	1.8125" W x 1.625" D x 4.625" H (45.7 x 33 x 118.1 mm)
NV-RJ45P-DC Weight	.15 lbs (.068 kg)
Shipping Dimensions	4.65" H x 9.6" W x 8.35" D (118 x 244 x 212 mm)
Shipping Weight	2.4 lbs (1.1 kg)
General Specifications	
Supported iPod® Models:	iPod® (4th generation & newer), iPod® mini (all versions), and iPod® nano (all versions)

Serious About Music

NuVo had its origins in 1924 as the Davitt & Hanser Music Company. In the generations that have followed, the company has grown into Hanser Music Group, www.hansermusicgroup.com, one of the most trusted names in the manufacture and distribution of all things music – from instrumentation to amplification – introducing products and brands to meet the evolving needs of today's music consumer.

Hanser Music Group launched NuVo in 2002. Today, the brand continues to expand upon its musical roots, delivering startlingly clear sound to the whole home at a suprisingly affordable price.

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