

Source Equipment

Innovative Source Equipment for a Digital Age



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Outkast

XM
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FM STEREO • AM • WEATHER

XM SATELLITE RADIO



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 that reinvents the home music experience, combining proven performance excellence with the industry's most innovative technology, allowing you to craft the ultimate home soundscape, with possibilities as limitless as your own imagination. **Combined with the Grand Concerto** system, digital sound sources from NuVo let you experience the future of whole home audio, **a future where your wildest dreams come true.**

Grand Concerto

NuVoDock M3

With the Grand Concerto Suite from NuVo, the sound of freedom is as boundless as your own personal music collection and as limitless as the heavens and earth. Whether you collect CDs, download from the Internet, or subscribe to a service, you will experience the ultimate in media freedom with the **M3 Music Server**. And with two **NuVoDock** options, you can enjoy your iPod® music collection from any zone in and around your home. Whether you tune into the terrestrial (AM/FM) or the extraterrestrial (XM Satellite Radio), the sound is always extraordinary, thanks to the remarkable **T2 Tuner**. And Grand Concerto provides six audio source inputs for multi-source capability in up to eight zones (expandable to sixteen), all for a price that is truly a dream come true.

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 current music library and accepting licenses for Digital Rights Management compatibility. 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. No more arguing over which disk is in the player. With the M3 Music Server from NuVo, the whole family's favorites take residence on the 160GB drive and are easily controlled and navigated from any Grand Concerto Control Pad in the house.



M3 Music Server Features:

- 3 source outputs
- 160GB hard disk (115 straight days of nonstop music at 128 kbps high-quality audio)
- 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 PC's
- NuVoNet smart source communication for complete control and navigation, browsing by playlist, track, artist, album, genre, or favorites
- Capacitive Touch front panel with OLED display for clean, solid state control and high readability

T2

Streaming Radio Data Service (RDS) for now playing information

T2 Tuner

The T2 Tuner from NuVo lets you enjoy advanced radio technology with AM/FM or XM® satellite options in one innovative tuner. Its exceptional new technology delivers sensational results, combining the best of both terrestrial and extraterrestrial signals in three available versions: dual AM/FM/Weatherband, AM/FM/Weatherband and XM® Satellite radio, or dual XM® Satellite radio. And with crystal clear reception, you can enjoy state-of-the-art sound, no matter which option you choose. With reception this remarkable, the T2 just may be the closest we've come to music from the heavens for an earthbound audience.



T2 Tuner Features:

- Advanced, state-of-the-art tuners for better, clearer reception
- World-class design standard incorporating both USA and European tuning options
- Direct infrared input, eliminating the need for IR emitters
- Remote control included for wireless control
- Complete control and navigation from any Grand Concerto Control Pad via NuVoNet
- Customizable station presets with ten groups of 10 presets available for each tuner
- Our exclusive, patent pending Remote Active Antennas, deliver crystal clear AM/FM reception up to 200 feet, and XM® reception up to 120 feet from the tuner location
- Streaming Radio Data Service (RDS) for now playing information



Hardware and required \$12.95 monthly subscription sold separately. Only available in the 48 contiguous United States. Other fees and taxes, including a one-time activation fee may apply. All fees and programming subject to change. Subscriptions subject to Customer Agreement available at xmradio.com. Call 1-800-XMRADIO (1-800-967-2346) to activate service. ©2006 XM Satellite Radio Inc. All rights reserved.

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, utilizing your whole home audio system, to hear music anywhere in your home. Just dock your iPod® and enjoy full control and navigation from any Grand Concerto Control Pad throughout the house without draining its charge. Available in two NuVoNet smart source versions: wireless and remote. Hear your iPod® like you've never heard it before. **Everywhere.**

With the wireless NuVoDock, you can connect to all your favorite music, instantly. No pre-wiring, no complex installation, no tricky programming. Just place your iPod® into your home dock and take your digital music where it's never gone before. Need more docks? No problem. The Remote NuVoDock allows you to use up to six docks with your Grand Concerto system.

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
- Complete control and navigation from any Control Pad, browsing by playlist, track, artist, album, genre, or favorites via NuVoNet
- Plug and Play with the Grand Concerto whole home audio system

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

Remote NuVoDock Feature

- Single CAT5 run for audio, power, and data signals
- iPod® Fast Charging station
- Receiving capacity for up to six docks per system
- Complete control and navigation, browsing by playlist, track, artist, album, genre, or favorites via NuVoNet
- Plug and Play with the Grand Concerto whole home audio system



Real-time Clock Capability:	Secure Clock for time-limited DRM-protected music content per Microsoft WMDRM10 specifications
Outputs:	Three stereo analog, each with dual RCA jacks
Control Network Interface:	NuVoNet proprietary control network, RS485 physical layer, 230.4 Kbaud
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
Local Control Interface - Control keys:	Touch sensing - Power, Menu, FFWD/Next, REW/Previous, Play/Pause, OK, UP, DOWN
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)
Weight, actual:	6.85 lbs. (3.11 kg)

IR Control Output:	IR Pass-through paralleled with wired IR input
Hard Disk Drive size:	160 Gigabyte
Output Level:	Full-scale digital output = 1.12 Vrms (4.5 V peak - to - peak)
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)
Power requirements:	100 - 240 VAC, 50/60 Hz, 35W max startup (less than 2 seconds), 10W operating
Dimensions :	16 7/8" W x 10 1/4" D 1 5/8" H (1 rack unit) (not including rack ears or feet)

T2 Specifications:

General Specifications	
Input Voltage	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	4.33"W x 20.48"D x 4.33"H (110 x 520 x 345 mm)
Unit Weight	7.5 lbs. (3.4 kg)
Shipping Weight	10 lbs. (4.5 kg)
Audio Specifications	
Output Level/Impedance	Adjustable/560 ohms

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

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	8"W x 6"D x 5.375"H (205 x 152 x 136 mm)
Shipping Weight	2.1 lbs (0.95 kg)

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

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	1.25"W x 3.25"D x 2.5"H (81.3 X 63.5 X 57.2 mm)
NV-RIPD Weight	.4 lbs (.18 kg)
NV-RIPR-DC Dimensions	4.625"W x 1.8125"D x 1.625"H (45.7 x 33 x 118.1 mm)
NV-RIPR-DC Weight	.15 lbs (.068 kg)
NV-RJ45P-DC Dimensions	4.625"W x 1.8125"D x 1.375"H (45.7 x 33 x 118.1 mm)
NV-RJ45P-DC Weight	.15 lbs (.068 kg)
Shipping Dimensions	8.625"W x 8"D x 5.375"H (205 x 135 x 220 mm)
Shipping Weight	2.0 lbs (.90 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 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.

www.nuvotechnologies.com

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