

Press Here



To Astound.



**VISO FIVE** DVD/CD Surround Sound Receiver



# VISO FIVE DVD/CD Surround Sound Receiver

- DVD/CD Surround Sound Receiver
- 5 x 45 Watts, 20Hz-20kHz, with <0.08% THD into 8 Ohms, all channels driven simultaneously (NAD Full Disclosure Power)
- 5 x 60 Watts FTC power
- Plays DVD-V, VCD, SVCD, CD, CD-R, CD-RW, MP-3, J-PEG, WMA, DivX
- DVD-Audio
- Progressive scan video with upscaling to 720p and 1080i
- Dolby Digital, DTS, Pro-Logic II, EARS and Stereo Enhanced Surround Modes
- Dolby Virtual Speaker and Dolby Headphone
- Full-size Separate Component performance
- Flexible bass management with settings for large, small, and miniature speakers
- Subwoofer output
- Satellite and VCR inputs, 5.1 input for future surround mode upgrades
- 1 Component Video input
- OSD available on Component (and SCART) output
- HDMI output for DVD Player
- VCR & TV monitor outputs including Component (120V) or Component and SCART (230V)
- 2 digital inputs: 1 RCA; 1 TOS Link
- 1 TOS Link digital output
- 12V Trigger Out
- RS-232 Port Interface for Advanced Control Systems / Upgrades
- RDS tuner (RDS PS & RDS RT)
- 30 presets for AM and FM
- XM Ready (120V version)
- DAB ready for use with optional DB 1 digital tuner module (230V version)
- Data Port for optional NAD IPD-1 Dock for iPod®.
- Clock with Timer function
- All RCA sockets gold-plated
- HTR-7, 8 Device Learning Remote with Illuminated Keys and Macro Function
- Switched AC Outlet

With the introduction of the VISO FIVE DVD/CD Receiver, NAD now offers the level of performance associated with its highly acclaimed full-size separates in an elegant, compact design. Designed to complement today's advanced video displays, its graceful proportions and fine details make a sophisticated design statement. And unlike most other "all-in-one" systems, the NAD performs like an award winning NAD separate component. We have not made any performance compromises in our quest for convenience and style.

## The Command Center for an Advanced Surround Sound System

By combining the DVD/CD Player and Digital Surround Sound Receiver in one elegant package, one needs only to add the TV monitor and Surround Sound Speaker package to the NAD VISO FIVE to have theatre quality sound in any room of the home. The ability to choose loudspeakers separately, ones that suit your specific needs, should not be underestimated.

The VISO FIVE forms the heart of an advanced Home Cinema. Its compact dimensions (especially depth), makes it ideal for apartment and condo dwellers, yet there is no compromise when it comes to performance. The supplied HTR-7 Remote can operate your TV, VCR, Satellite or Cable Tuner, and almost any other IR remote controlled device. The logical layout and illuminated keys make operating your AV system straightforward and enjoyable, and the HTR-7, with it's ability to learn the remote commands of up to eight different devices, eliminates the clutter of multiple remote handsets.

Unlike the "Home Theater in a Box" systems that include speakers (usually of questionable quality), the NAD VISO FIVE allows complete freedom to choose speakers that fit your decor and suite your taste in sound. New features for the VISO FIVE include Progressive Scan DVD with HDMI digital video output, simplified setup using the On Screen Display, and the inclusion of the latest surround formats: DVD-Audio (super high resolution audio), Dolby Virtual Speaker (provides a convincing surround effect with only two front speakers), and Dolby Headphone (remarkable "holographic" surround effect from headphones.)

## Performance

By concentrating on the most important aspects of the VISO FIVE circuitry, the NAD engineers were able to extract remarkable audio and video performance. As usual with NAD, the VISO FIVE uses discrete amplifier output stages only. The benefits of this approach have been proven over the years in many acclaimed NAD amplifiers and receivers. (Most products in this category are using digital IC amplifier modules, which allow for a very slim-line design, but cannot meet even the most basic hi-fi specs for noise and distortion.)

As one would expect from NAD, only high quality components have been used, such as high resolution ADCs (Analogue-to-Digital Converter) and DACs (Digital-to-Analogue Converter) from renowned manufacturer Crystal to obtain the best possible performance.

## Flexibility

Even though the VISO FIVE DVD Surround Sound Receiver may be far more compact than a separate DVD Player and Receiver of comparable performance, it still is very flexible. Three additional video sources (one front panel accessible - perfect for cameras and game consoles) and a 6 channel audio source can be connected (with the built-in tuner and DVD/CD player that potentially gives you access to six sources) of which two also offer S-Video Video inputs and one a Component Video input. Besides the Monitor output, the VISO FIVE also has an S-Video and Composite output as well. Two digital inputs (one optical, one coaxial) are provided, and, for easy transferring to a CD recorder or other digital recording device, the VISO FIVE also sports an optical digital output. Rather than using spring clips for loudspeaker cable connection, as usually found on compact systems, the VISO FIVE offers high quality loudspeaker binding posts, more associated with top-of-the-range full-size AV receivers. A line-level output for connection to a powered subwoofer is provided as well.

## Advanced Features

The VISO FIVE will automatically recognise DTS or Dolby Digital and will switch accordingly. Also included is the new high resolution DVD-Audio mode with up 24 bit 196 kHz resolution with full bass management included. Besides these modes, Stereo Enhanced (all channel stereo), ProLogic II, and EARS (an NAD exclusive) are available, all aimed at reproducing 2 channel stereo music in a realistic 5.1 surround mode, creating either a natural ambience, or an all out party sound. In all cases the sound is pure and undistorted, as opposed to those fuzzy "boingy" sound effects with lofty sounding names like "stadium" and "cathedral". RS-232 data port offers connection to highly advanced automated control systems.

## DVD and CD Features and Performance

Besides superb DVD picture quality in either interlaced or progressive modes, the NAD VISO FIVE also offers a wide range of facilities such as Multi-Angle\*; Multi-Sound\*; Multi-Subtitle\*; Frame; Zoom and Repeat. All these facilities can be easily accessed with the supplied remote control. Through the extensive yet intuitive On-Screen-Display you can change the various settings and parameters for optimum performance.



# VISO FIVE DVD/CD Surround Sound Receiver

## Specifications

### Power Amplifiers

Simultaneous Full Disclosure Power (4/8 Ohms, 20Hz - 20kHz, at rated distortion)	5 x 45W (16.5dBW)
Minimum Continuous Power (FTC)	5 x 60W (18dBW)
Power output Stereo Mode (8 ohms within rated distortion)	2 x 60W (18dBW)
IHF dynamic power; 8 Ohms	82W (19dBW)
IHF dynamic power; 4 Ohms	120W (20.7dBW)
IHF dynamic power; 2 Ohms	160W (22dBW)
Total harmonic distortion at rated power	0.08%
IM distortion at rated power	0.08%
Damping factor; 8 Ohms	>200
Input Sensitivity and Impedance	300mV/47 kohms
Frequency response	20Hz-20kHz +/- 0.5dB
Signal/noise ratio; ref rated power / 8 Ohms	>100dB
Signal/noise ratio; ref 1W / 8 Ohms	-85dB
Remote Control	HTR-7

### FM Tuner Section

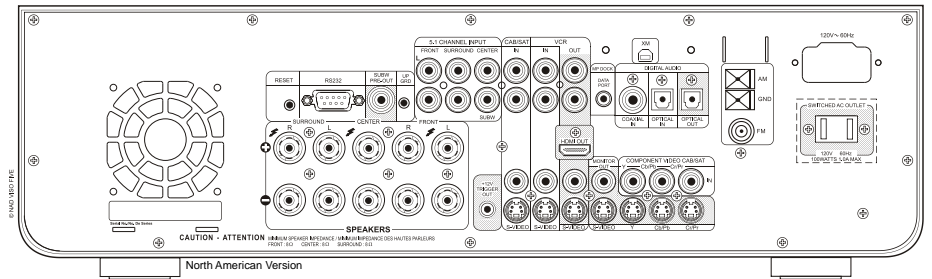
50dB Quieting sensitivity; FM Mono:	1.8uV
50dB Quieting sensitivity; FM Stereo:	30uV
Capture Ratio (FM)	3.3uV
Image Rejection	28uV
Harmonic Distortion; FM Mono	2dB
Harmonic Distortion; FM Stereo	35dB
Signal / noise; Mono	0.2%
Signal / noise; Stereo	0.3%
Channel separation at 1kHz	74dB
Frequency Response; ± 1.5 dB	70dB

### AM Tuner Section

Usable Sensitivity	38dB
Selectivity	20Hz - 15kHz
Image Rejection	50uV
IF Rejection	32uV
Signal / Noise Ratio	35dB
Harmonic Distortion	55dB
	0.8%

### DVD/CD Player

Frequency Response DVD-Audio (96kHz to 192kHz)	10Hz to 44kHz
Frequency Response Audio CD	10Hz to 20kHz
Output level	2Vrms
Signal to noise	-105dB
THD	0.008%
Wow and Flutter	Below measurable level < 0.001% peak
Channel separation CD	peak
Dynamic range	86dB
Video Performance	103dB



### DVD/CD Player continued

Signal to noise	62dB
Signal system	PAL/NTSC

### DVD OUTPUT

Digital out (coaxial) PCM, DTS, MPEG, DD	0.5Vp-p/ 75 Ohms
Digital out (Optical) PCM, DTS, MPEG, DD	-15 dBm ~ -21 dBm
Composite Video out	0.286 Vp-p/ 75 Ohms
S-video	75 Ohms Y/C
Component Video	RCA x 3 Y/Cr/Cb/ 75 Ohms
HDMI	Yes
SCART (RGB signal) (C version Only)	0.7Vp-p/ 75 Ohms

### PHYSICAL SPECIFICATIONS

Dimensions (W x H x D)	13 x 4 3/4 x 13" (435 x 120 x 330mm)
Net Weight	27.7 lbs (12.6kg)
Shipping Weight	34.3 lbs (15.6kg)



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