

At the core of our system, lives an educated mind.

## Meet the Controller.



Our new preamp processor, the Controller, is more than a component. It is the powerful hub of our complete system approach. A system which acts as one thought, because the NHT components interact with each other and adjust to specific needs of the NHT speakers. Under the educated mind of the Controller, subtle signals are automatically adjusted, directed and managed. The result is effortless sound, that's simple to set-up, affordable and smart.

### Why did NHT make a system?

It became obvious to us that the only way to elevate the performance of an audio/visual experience was to create more of the components. We decided to think about component networking in a new way. Thus was born NHTBus, an Ethernet-based communication pipe which allows a clean, unhindered interplay between NHT components. Though our Controller can improve any conventional system, it heightens the audio experience when married to other NHT components. It's more than a good idea, it's common sense. Then again, it's NHT.





And you thought we were kidding.



#### The Controller features include:

##### Main Features:

- Multi-format decoding:
  - Dolby Digital
  - DTS
  - DTS-ES
  - DTS 96/24
  - AAC
- Multiple post processing options:
  - Dolby Pro Logic II/ II x (Music, Movie, Games)
  - Dolby EX
  - DTS Neo:6
  - Music modes (Surround 6.1, Natural and Party)
- All input video up-conversion up to component video
- Setup OSD on all video outputs (no overlay)
- FM/AM RDS Tuner
- Setup wizard
- Proximity activation
- Touch sensitive controls
- NHT speaker DSP processing
- Setup lock
- HDMI 1.1 audio support for receiving Dolby Digital, DTS and 2 channel PCM via HDMI interface.

##### NHTBus:

- Intelligent operation with NHT Amplifiers
- Monitoring of amplifier status
- Amplifier control - on/standby/mute
- Control of individual channel operation - on/off
- Utilizes Ethernet infrastructure

##### Front panel connectors:

- Headphone/microphone combo

##### Control I/O:

- 2 IR inputs
- Auto calibration microphone input (front panel)
- Bi-directional RS 232
- 3 programmable 12V trigger outputs
- NHT control bus on RJ-45

##### Remote:

- Dedicated, simple, non-programmable operation
- 4 one-touch direct modes: Direct, Movie, Music and Game
- 4 direct source selects
- Second zone control
- Intuitive operation

##### Audio I/O:

- 6 Analog inputs
- 6 Digital inputs (3 coaxial, 3 toslink)
- Digital audio input from HDMI
- 7.1 analog input - with analog bass management
- 7.1 analog output
- Second Zone output (analog stereo)
- Second Zone record output
- Audio Record output
- Digital Toslink output

##### Video I/O:

- 6 Composite video inputs
- 4 S-Video inputs
- 3 Component Video inputs
- 3 HDMI inputs
- 3 composite outputs
- 2 S-Video outputs
- 1 component video output
- 1 HDMI output