Thor's Broadcast Encoder Specifications:

- **Model**: 44-15-04
- **Input**: TV Antenna or CATV or DVB Multicasting
- **Outputs**: 1 x Gigabit IPTV streaming output port
- **Compatible Standards**: USA ATSC OFF AIR, J.83A + J.83B +
- **Input**: VGA and L/R audio via optional cable adapter scalar to any HDMI Input
- **Input**: 1 to 4 Channel MUX (one channel out per each video in xx.1 yy.1 zz.1) or Mux Channels
- **Output**: 14 Megabit/s in MPEG2 & MPEG4 H.264 mode Stream
- **Picture Quality**: HD Video Quality up to 1080p FULL HD and full motion @60 Frames per second!
- **Latency**: 125ms. Standard latency models 700 ms, 1450 ms, 2900 ms.
- **Video Inputs**: 1 input, up to 4 inputs in channels one to four.
- **Audio Input**: 1 input, up to 4 inputs in channels one to four.
- **Audio Outputs**: 1 x 3.5mm headphone audio output, 1 x RCA stereo audio output 1 x BNC stereo audio output
- **Audio Inputs**: 1 input, 4 inputs.
- **Input Analog Audio**: Input analog Audio from the L/R ports and combine with the Digital Audio ports.
- **Output Analog Audio**: Output analog Audio from the L/R ports.
- **Output Digital Audio**: 4X HDMI Audio Embedded Digital Audio to 4 output channels.
- **Video Outputs**: 2 x HDMI, 1 x SDI, 1 x Optical Audio (select by the best fit software for your application).
- **Encoding Quality Broadcast**: MPEG2 / MPEG4 H264 selectable by software per each channel, please let us know which firmware would fit your application the best, up to 1080i/p 1450 ms, up to 1080i/p 2900 ms.
- **Encoding Modes**: All Modes as well Digital Multi Mode TRIPLE Grade ULTRA LOW LATENCY, Ultra Low Latency: 125ms.
- **Mode of Operation**: Pass Motion Estimation with CRYSTAL View with a very fast encoding modes, 1080P MPEG2 mpeg4 mode
- **Bitrate**: Up to 30 Megabits/s per channel
- **Available Bitrates**: Selectable from 0.5 to 30 Megabits/s per channel
- **Pluggable**: USB cable or any HSDU card for the wanted number of channels
- **Upgradeable**: Works with all Pluggable Video Processing/Conversion Cards.
- **SPEC MODE**: High Definition, EAS, Play on Airplay / DNLA Mode
- **Multicast Broadcast**: Up to 1080p FULL HD and full motion @60 Frames per second!
- **HD Video Quality**: One MPEG Encoding Card per Each Input
- **Network Interoperability**: IP & LAN on any bandwidth (select by software)
- **Card Interoperability**: Any bandwidth
- **Remote Control**: WEB Remote Control
- **Multimode**: All modes as well Digital Multi Mode TRIPLE Grade ULTRA LOW LATENCY, Ultra Low Latency: 125ms.
- **Video Interface**: HDMI, Kaiser, SDI BNC cables
- **Audio Interface**: 3.5mm headphone audio output, RCA stereo audio output 1 x BNC stereo audio output
- **QAM Outputs**: 1 x 3.5mm headphone audio output, 1 x RCA stereo audio output 1 x BNC stereo audio output
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