

# RPM-TB48 I/O

The RPM-TB48 I/O is the first stand alone, turn-key 48-channel AES50 I/O solution to be offered to the Midas Community. Through the RPM-TB48 I/O, RPM Dynamics is now capable of offering Midas digital console users the ability to integrate Midas Digital I/O directly to any Thunderbolt equipped computer. Whether your need for AES50 communication is for recording, playback, virtual sound-checks, or plug-in integration to an existing Midas Console, the RPM-TB48 I/O can provide for your needs. The RPM-TB48 I/O is also capable of interfacing up to 16 channels of AES/EBU i/O via additional d-sub cabling. The RPM-TB48 I/O works on most any application or DAW that utilizes standard MAC core audio, making it a simple plug-and-play device after initial computer setup has been done.



## Hardware Requirements

The RPM-TB48 I/O channel count for recording, playback, and plug-in integration is dependent on the computer hardware it is attached to. For 48-channel playback / record, RPM recommends a minimum of 2.3Gig i5 Thunderbolt equipped Macs with 8GB of RAM & FW800 or Thunderbolt 7200 / 64Meg external drives. For Plug-in applications, processing needs are higher. Processing power and buffering will be relative to the both the number of plug-ins running and the processing needs of the plug-ins.

## KEY FEATURES

- 48-channels of AES50 i/O
- Up to 16 channels of AES/EBU
- Integrated EtherCON jacks
- Thunderbolt video channel
- 150 Watt power supply
- 2 Thunderbolt ports for additional Thunderbolt daisy chaining
- Variable speed fans for proper cooling and quieter operation
- Energy Saver Mode powers on and off with computer
- Integrated power supply using IEC cable means no dangling power bricks.
- Rugged aluminum housing for road worthy protection

## RPM DYNAMICS

PO Box 816  
Rochester, NH 03866 USA  
Phone: +1-603-231-8556  
www.RPMDynamics.com

## 96k / 24-bit Midas Digital Sound Quality!



### Input / Output at 96K

- 48 Channels of 96K AES50 I/O
- 16 Channels of AES/EBU I/O via d-sub
- Lynx Uber mixer for 32 x 32 matrix mixing per PCIe card
- Sample Rate conversion on AES/EBU inputs

### Technical Specifications

Dimensions ( H x D x W ): 2.8 x 15.3 x 9.1 (inches)

Weight: 8.0 Lbs

Power Supply: Universal 150W 100-240V 50/60 Hz

External Connectors: 2 x Thunderbolt, 2 x Ethercon,  
4 x d-sub AES/EBU

RoHS Compliant: Yes

Operating temperatures: 0 – 35 C (32 – 95 F)

Compatibility: Thunderbolt equipped iMac, Mac Mini,  
Macbook Pro & Macbook Air

Mac OS X 10.6.8 + & Mac OS X Server 10.6.8+

Mac OS X Server and Mountain Lion Compatible

Package Contents: RPM-TB48 i/O, power cord

Sonnet & Lynx hardware manuals & Lynx Mixer driver download link are also included.

\*\*\*Thunderbolt, Cat5 & d-sub cabling sold separately

Warranty: Chassis 5 years, PCIe cards 1 year parts and labor

\*\*\*RPM-TB24 I/O 24-channel version is also available

*Full tech specs can be found on the RPM website at [www.RPMdynamics.com](http://www.RPMdynamics.com). Feel free to email or call with any questions you may have.*