



Axis Proton



Architects and Engineers Specification

The Waves Axis Proton shall be designed exclusively for use with SoundGrid systems. The Axis Proton shall support Ethernet connection for SoundGrid Network. The Axis Proton shall have an internal CPU for processing. The Axis Proton shall have up to 64x64 input and output channels for audio processing of SoundGrid AoIP audio packets. The Host configuration, life cycle management and all programming of the audio processing shall be software configurable over the SoundGrid network protocol via the network by one of the SoundGrid host applications for Windows including but not limited to eMotion LV1, SuperRack, MultiRack, eMotionST and SoundGrid Studio.

The Axis Proton shall be rack mountable - 1RU in height, 1/2 rack width - and shall be rack mountable using the optional extension ears (single device) and/or rack mounting system for dual devices. The Axis Proton shall be CE marked, UL listed, and shall be compliant with the RoHS directive. Warranty shall be one year.



Specification Table

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|--|---|
| Overall Dimensions | Width: 22 cm / 8.7 inches Height: 4.2 cm / 1.7 inches Depth: 27.7 cm / 10.9 inches |
| Weight | Device Weight: 2.1 kg / 4.6 lbs Package and Device Weight: 3.2 kg / 7.0 lbs |
| Power Consumption (100~240VAC 50/60Hz) IEC Connector | 15W at 100-120V 15W at 220V |
| Sampling Rates | 44.1, 48kHz |
| Computer | CPU: Celeron J4125 RAM: 8 GB Motherboard: QBI-2145A LAN Card: : Intel I211/Realtek RTL8411 |
| Connectivity | USB 3.0: 2 ports USB 2.0: 2 ports HDMI: 2 ports 2 x RJ45 |
| Environment | Operating Environment temperature range: 50° to 95°F / 10° to 35°C Max Environment temperature: 104°F / 40°C |
| Compliance | UL, CE, FCC, CB |



Physical Diagrams



ALL DIMENSIONS ARE IN MILIMETERS
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*H1U PRODUCTS:
PROTON SERVER, PROTON AXIS, CA1000, PROTON DUO*

