The ASI A-Net® Systems Interface provides a digital link between Pro64® Series networking products and Pro16® Series output devices, such as the A-16II and A-16R Personal Mixers and the AN-16/o and AV-P2 Output Modules. The ASI features two bidirectional Pro64 network ports and four Pro16 A-Net outputs, all using heavy-duty locking Neutrik® EtherCon® connectors.

Setup of the ASI is fully plug-and-play. The module divides the incoming Pro64 A-Net network stream into 16-channel blocks which are transmitted out the corresponding Pro16 ports, reformed for compatibility with Pro16 Series devices. The number of available channels and valid Pro16 ports is determined by the sample rate of the Pro64 network, with 64 channels at 44.1/48kHz±, 32 at 96kHz±, and 16 at 192kHz±. Stereo link settings from the Pro64 network are passed to the Pro16 outputs.

Pro16 A-Net outputs can be connected directly to the A-16II or A-16R Personal Mixer, a Pro16 A-Net Distributor, or a Pro16 Output Module such as the AN-16/o or AV-P2.

### TECHNICAL SPECIFICATIONS

<table>
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<tr>
<th>LED Indicators</th>
<th>Pro64 A-Net</th>
<th>Pro16 A-Net Output</th>
<th>Pro64 Sample Rates</th>
<th>Pro16 Sample Rate</th>
<th>Latency</th>
<th>Power Supply</th>
<th>Dimensions</th>
<th>Weight</th>
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<tr>
<td></td>
<td>Pro64 Sample Rate</td>
<td>Pro16 Available Outputs</td>
<td>39.7–52kHz; 79.4–104kHz; 158.8–208kHz</td>
<td>39.7–52kHz</td>
<td>Analog in (Pro64) to analog out (Pro16); &lt;1ms</td>
<td>100–240VAC</td>
<td>1U; 19”w x 8”d x 1.75”h (482.6 x 203 x 44 mm)</td>
<td>5.5 pounds (2.49 kg)</td>
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<tr>
<td></td>
<td>2 EtherCon RJ45 connectors, rear panel</td>
<td>4 EtherCon RJ45 connectors, rear panel</td>
<td>24-bit resolution</td>
<td>24-bit resolution</td>
<td></td>
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All Aviom products are designed and manufactured in the USA.
ARCHITECTURAL SPECIFICATION

The Aviom ASI A-Net Systems Interface shall employ the Aviom A-Net® audio transmission protocol to provide a interface between Pro64® networks and Pro16® monitor mixing and audio distribution systems. It shall digitally transmit full-bandwidth high-quality audio by employing the A-Net audio transmission protocol.

The front panel shall provide LED indicators for Pro64 Sample Rate, Pro16 Available Outputs, Pro64 Network Mode, and Managed Mode. The rear panel shall provide two EtherCon® RJ45 connectors for Pro64 A-Net connections and four EtherCon RJ45 connectors for Pro16 A-Net outputs.

The unit shall output one, two, or four 16-channel Pro16 A-Net streams, depending on the number of channels available on the connected Pro64 network.

The unit shall be powered by an internal universal power supply (110 to 240VAC) with an AC power receptacle with fuse, and shall be supplied with a detachable AC cable. It shall be UL and CE listed.

Its dimensions shall be 19 inches wide, 8 inches deep, and 1U (1.75") high. Its net weight shall be 5 pounds, and its front panel shall be finished in blue. The unit shall be Aviom Incorporated model ASI.