

Monsalvat

AMP-60



Preliminary Datasheet

The Monsalvat System is the culmination of over 30 years of experience and 5 years of devoted and specialized research leading us to create new technologies. In order to achieve Verity's development objectives for the Monsalvat, our engineers developed a dedicated laboratory-grade power amplifier that could underpin the Monsalvat's exquisite sonic qualities. We found the resulting equipment to have such a promising performance, we immediately felt compelled to offer this new technology to our customers.

Verity Audio loudspeakers are defined by their high sensitivity and wide bandwidth, which led our design team to focus on dynamic and sound quality over sheer power. When designing our amplifier, our team strived to keep things simple, but perfect. No exotic class of amplification here; just thorough attention paid to the smallest of details. Our team began by building an oversized power supply of a type you would normally find in much larger and far more powerful amplifiers. This potent power supply pushes the new Amp-60 amplifier's dynamics beyond anything you've heard before.



The entire unit is built using only the highest-quality parts available, and our engineers have paid special attention to circuit topology and PCB design. Although a 2-layer PCB would have sufficed, Verity opted for a 6-layer model including special shielding and grounding circuitry, which greatly improves the amplifier's signal to noise ratio. Thicker PCB traces are used and cables are kept to the bare minimum length.

Beyond just a high-end amplifier, the Amp-60 is a shining gem befitting Verity's highest standards of quality and craftsmanship. It exemplifies Verity's know-how and joins the Monsalvat as a reference product in a league of its own.

FEATURES

Input type	selectable
Balanced XLR	impedance of 18 k Ω
Unbalanced RCA	impedance of 12 k Ω
Protections	
Output short circuit	Yes
DC coupled	Yes
Soft clipping	Yes
Overload	Yes
Overheating	>70 °C (158 °F)
Chassis	The power supply requires 100-120 or 220-240VAC (set at the factory). Maximum power consumption is 1500 watts (max. 2 watts in standby mode)
Platform	Custom isolation platform with adjustable feet

SPECIFICATIONS

Bandwidth:	DC to 140kHz @ -3.0 dB
Sensitivity:	600 mV RMS
Gain:	32 dB
THD:	<0.04%
Power output:	60 watts per channel @ 8 ohms 120 watts per channel @ 4 ohms 180watts per channel @ 2 ohms
S/N ratio:	Greater than 100 dB
Break-in time:	75 hours (63%), 200 hours (99%)

DIMENSIONS & WEIGHTS

W x D x H:	8.3 x 17 x 24" (210 x 430 x 610 mm)
Weight:	154 lbs (70 kg)