



Control Amplifier
ATC-6

Making music vibrant and vibrant

Based on the idea that "preamplifiers are indispensable in audio," Airtight has added control amplifiers to its product lineup since its founding. Over the course of its roughly 40-year history, AirTight has continued to release new products every few years. However, there are some who believe that the ultimate goal is to send the audio signal from vinyl or digital data to speakers in its purest form, and that a "preamp is unnecessary."

Since simplifying the transmission path is extremely important for sound quality, it may be natural that such an argument would arise if the sole priority was to maintain the freshness of the signal.

However, musical appeal does not actually come from freshness alone. The addition of a preamplifier also brings out the dynamism and groove of the sound, as well as the atmosphere of the studio or stage, and this is the true joy of preamplifiers, and ultimately of enjoying audio in general. AirTight has been making preamplifiers for nearly 40 years. The subtle analog signals picked up by a record needle, and digital signals from CDs and streaming data, resonate as "music" -- enjoy the sound stage created by the ATC-6 to your heart's content.





The ATC-6 is a vacuum tube control amplifier designed with an airtight design to bring out the full potential of your music sources and bring them to life.

Five line inputs are provided, two of which are XLR terminals, so you can fully enjoy a wide range of digital sources, including CD, SACD, and high-resolution audio, as well as analog sources. Two output channels are provided, and a versatile mode selector is also provided to support mono audio sources.

The housing maintains the traditional slim, thin AirTight design, but the overall size has been made even more compact. The front panel is equipped with an output muting switch, which is convenient when changing records. When the power is turned on, a timer relay mutes the output stage, protecting the power amplifier from transient currents when the unit is turned on. The line amplifier section is a conventional two-stage configuration using a 12AT7. Each stage has strict decoupling circuits placed in optimal positions to minimize interference between each section, producing music with a deep, open feel.

The amplifier circuit is powered by carefully selected, top-quality parts, including foil resistors with the world's best temperature characteristics, audio resistors, and high-quality audio PP film capacitors.

The Flat Amp circuit board is mounted on a pure copper substrate, and the inner chassis, which houses mechanical parts such as vacuum tube sockets, is made of a relatively thin 1.0 mm steel plate and is black-plated to control resonance. This inner chassis, which has a structure that tends to resonate, is firmly attached to the highly rigid main chassis with a stud boss structure. The main chassis is a frameless construction structure made of 1.6mm thick steel. This monocoque chassis, which can be said to be an Airtight tradition, is meticulously finished with a metallic paint. The volume control, which greatly affects the sound quality of the preamplifier, is luxuriously equipped with a gold-plated multi-contact wire brush type volume control with a machined brass case made by Alps.

【Specifications】

Tube	12AT7×2
Inputs	RCA/MM x 5 (RCA×3/ unbalanced XLRx 2) 100kΩ(Gain18dB)
Output	RCA x 2 (can be changed to unbalanced XLR) >47KΩ
Frequency	20Hz～100kHz(-1dB)
Characteristics :	
Power Consumption :	50VA
Dimensions& weight :	W400×D29×H90mm 8.3kg