

# AIUXITY

## Product specifications



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# An Introduction

We would like to introduce ourselves. We are Alluxity, a Danish producer of high-end audio products to suit the lifestyle of the modern music lover.

Every design merges extraordinary build quality with Scandinavian minimalism. All casework is carved from a solid slab of aluminum to shelter the circuitry inside, and each finished product exhibits clean lines and maintains visual weight.

The sound of Alluxity can at first be described as warm and alluring. It draws you in. Soon it becomes captivating and soothing. It enables you to sit back. To relax. Most importantly, it allows you to enjoy the performance.

# Our Philosophy

**Our goal is to introduce high-fidelity to the present and future generations.**

There is a statement we hear quite often:  
*“The hi-fi industry is a dinosaur. It’s dying.”*

We don’t believe that one of the obstacles facing the industry is a decreased interest in sound quality. Rather, we believe that current and future listeners are simply unaware of the possibilities of good sound. We want to change this.

We’re listening to music more than ever. With the advent of streaming directly from the phone in your pocket, music is always there. Our primary focus is to create products that blend aesthetics and sound quality in a way that allows you to incorporate Alluxity into your living space. We want to reveal the world of high-fidelity to you.

# Contact Us

**We encourage you to contact your local dealer or distributor for any general questions or product inquiries**

## **Alluxity by AVM-TEC**

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# Pre One

The **Pre One** preamplifier was the first Alluxity product along with the Power One amplifier. It laid the building blocks for where Alluxity is today in both philosophy and design.

The Pre One is fully balanced to reduce noise and distortion and has a separate toroidal transformer and PSU (Power Supply Unit) for each channel.

Left and right channels also feature two fully-discrete gain modules to give the Pre One its' soft and intriguing voice.

The volume control is relay-based and can be adjusted in 6 dB, 3 dB and 1.5 dB steps, depending on the volume level.

The Pre One is available in black, white, titanium (grey) and titanium orange. Custom colors are available upon request.

## INPUTS

Analog 3 RCA / 2 XLR

## OUTPUTS

Analog 1 RCA / 1 XLR / 1 Tape out

## DIMENSIONS

Width 43.5 cm / 17.1 in  
Height 10.5 cm / 4.1 in  
Depth 31.5 cm / 12.4 in  
Weight 14 kg / 30 pounds

## METRIC / IMPERIAL

## TECHNICAL

Power consumption <30W (no load)  
Input/output impedance 10 K $\Omega$  / 75  $\Omega$   
Input sensitivity 2/4 Vrms (RCA/XLR)  
Frequency response +800kHz  
THD + noise >0.01%  
Volume -69dB to +6dB

# Power One

The **Power One** amplifier, along the Pre One preamplifier, was the first product designed in the Alluxity series. The original vision was to have two products of similar appearance working together in both aesthetics and sonics.

The Power One may differ from the other Alluxity products by being 30% deeper, but with greater size comes greater power.

The Power One is, just as the Pre One, fully-balanced, with a 600VA toroidal transformer powering each channel's discrete gain module.

Just because it comes from the first generation of Alluxity products doesn't mean it's not a force to be reckoned with. In fact, the Power One bears testament just how far Alluxity has come.

The Power One is available in black, white, titanium (grey) and titanium orange. Custom colors are available upon request.

## INPUTS

Analog 1 RCA / 1 XLR

## POWER RATING

8/4/2 ohm RMS  $\approx$  200W/400W/800W

## DIMENSIONS

Width	43.5 cm / 17.1 in
Height	10.5 cm / 4.1 in
Depth	48 cm / 19 in
Weight	31 kg / 69 pounds

## METRIC / IMPERIAL

## TECHNICAL

Power consumption	<80W (no load)
Transformer	600VA pr. channel
Capacitance	60.000 $\mu$ F pr. channel
Input/output impedance	10 K $\Omega$ / 75 m $\Omega$
Input sensitivity	0.7/1.4 Vrms (RCA/XLR)
Frequency response	+800kHz
THD + noise	>0.01%
Signal to noise ratio	>100dB

# Int One

The **Int One** is a tricky little beast. Wanting to combine the Pre One and Power One in a chassis with less space than the Pre One, Alluxity faced quite a challenge. New tools and skills had to be acquired that allowed us to do so with minimal compromises.

Don't be fooled though. With the same relay-based volume control as the Pre One and an output stage very similar to the Power One, the Int One is a gift to even the most particular listener.

The Int One was the product that nailed our philosophy: It's clean, compact, and easy to use but presents a big sound that can be cherished by the entire family.

The Int One is available in black, white, titanium (grey) and titanium orange. Custom colors are available upon request.

## INPUTS

Analog 3 RCA / 2 XLR

## OUTPUTS

Analog 1 RCA Pre Out

## POWER RATING

8/4/2 ohm RMS  $\approx$  200W/400W/800W

## DIMENSIONS

	METRIC / IMPERIAL
Width	43.5 cm / 17.1 in
Height	10.5 cm / 4.1 in
Depth	33.5 cm / 13.2 in
Weight	17.5 kg / 38.5 pounds

## TECHNICAL

Power consumption	<50W (no load)
Input/output impedance	10 K $\Omega$ / 75 m $\Omega$
Input sensitivity	2/4 Vrms (RCA/XLR)
Frequency response	+800kHz
THD + noise	>0.01%
Signal to noise ratio	>100dB
Volume	-69dB to +6dB

# Mono One

Ask yourself this question: “What do I value most in a high-performance music system?”

Is it the delicate highs? Midrange clarity or powerful bass response? The Vocals? String instruments? Percussion?

The Mono One’s negates this question. It was designed to recreate every aspect of playback so that you don’t have to choose.

Controlling the lows, enriched with details throughout the mid- and upper range, and ensuring harmonized storytelling on a level rarely achieved.

Dynamics, speed, and every element of shift in volume is handled with utmost precision, never compromising the natural flow of the music.

The Mono One is available in black, white, titanium (grey) and titanium orange. Custom colors are available upon request.

## INPUTS

Analog 1 RCA / 1 XLR

## POWER RATING

8/4/2 ohm RMS ≈ 250W/500W/1000W

## DIMENSIONS

Width 43.5 cm / 17.1 in  
Height 10.5 cm / 4.1 in  
Depth 33.5 cm / 13.2 in  
Weight 17.5 kg / 38.5 pounds

## TECHNICAL

Power consumption 45W (no load)  
Transformer 600VA  
Capacitance 120.000 µF  
Input/output impedance 10 KΩ / 75 mΩ  
Input sensitivity 0.7/1.4 Vrms (RCA/XLR)  
Frequency response +800kHz  
THD + noise >0.01%  
Signal to noise ratio >100dB

## METRIC / IMPERIAL

# Pre Two

The **Pre Two** is the update to the Pre One and showcases a number of new features.

When creating the Pre Two we took all of the requests that our partners and customers had mentioned over the years of a streaming preamplifier with a host of additional capabilities and set to work.

The Pre two features the Converse Digital steaming module along with our proprietary DAC module, allowing you to play music from an array of analog and digital sources.

The Pre Two also has an updated volume control with ninety-two 1 dB steps, from -79 dB up to +13 dB, and a -6 dB input trim adjustment for sources with very high output.

Each channel incorporates a newly developed fully-balanced gain module that supports bi-amplification.

## INPUTS

Analog	1 RCA / 1 XLR
Digital Streamer	1 AES / 1 Spdif / 1 USB / 1 Toslink Tidal, Qobuz, Airplay, Spotify and MQA

## OUTPUTS

Analog	1 RCA / 1 XLR / 1 XLR By-amp
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## DIMENSIONS

Width	43.5 cm / 17.1 in
Height	10.5 cm / 4.1 in
Depth	31.5 cm / 12.4 in
Weight	14 kg / 30 pounds

## METRIC / IMPERIAL

## TECHNICAL

Power consumption	<30W (no load)
Input/output impedance	10 K $\Omega$ / 75 $\Omega$
Input sensitivity	2/4 Vrms (RCA/XLR)
Frequency response	+800kHz
THD + noise	>0.01%
Volume	-79dB to +13dB
Gain Select	0dB or -6dB

# Power Two

The **Power Two** is built upon the same basic topology as the Int One. It's a 200W class A/B fully-balanced stereo amplifier that delivers enough power and current to control practically any speaker thrown at it.

Its' size and ability to dissipate the heat make the Power Two capable of fitting into nearly every sort of living space and simultaneously bringin beautiful aesthetics and musicality into the home.

Being smaller than the Power One, however, does not mean that it projects a smaller sound. Every aspect of its presentation engulfs you in the performance. The delicacy, the clarity, the power of the music: it's all there.

The Power Two is available in black, white, titanium (grey) and titanium orange. Custom colors are available upon request.

## INPUTS

Analog 1 RCA / 1 XLR

## POWER RATING

8/4/2 ohm RMS ≈ 200W/400W/800W

## DIMENSIONS

Width	43.5 cm / 17.1 in
Height	10.5 cm / 4.1 in
Depth	33.5 cm / 13.2 in
Weight	17.5 kg / 38.5 pounds

## METRIC / IMPERIAL

## TECHNICAL

Power consumption	45W (no load)
Transformer	600VA
Capacitance	40.000 $\mu$ F
Input/output impedance	10 K $\Omega$ / 75 m $\Omega$
Input sensitivity	0.7/1.4 Vrms (RCA/XLR)
Frequency response	+800kHz
THD + noise	>0.01%
Signal to noise ratio	>100dB

## (pr. channel)

# Int One mkII

The **Int One mkII** lifts the level of performance significantly over the original model while still maintaining the core physical dimensions and sonical smoothness that Alluxity is known for.

It offers a completely redesigned preamp section that is now fully balanced (making the Int One Mk. II fully balanced from input to output) with all of the benefits of balanced technology: lower noise/better signal-to-noise ratio, higher resolution, better bandwidth and +6dB of overall greater gain to name just a few.

The number of volume relays has been greatly increased to offer 1dB volume sensitivity steps with a range from -79dB to +13dB. This allows for much better fine-tuning of music playback levels over the original Int One.

The Int One mkII is available in black, white, titanium (grey) and titanium orange. Custom colors are available upon request.

## INPUTS

Analog 3 RCA / 2 XLR

## OUTPUTS

Analog 1 RCA Pre Out

## POWER RATING

8/4/2 ohm RMS  $\approx$  200W/400W/800W

## DIMENSIONS

	METRIC / IMPERIAL
Width	43.5 cm / 17.1 in
Height	10.5 cm / 4.1 in
Depth	33.5 cm / 13.2 in
Weight	17.5 kg / 38.5 pounds

## TECHNICAL

Power consumption	<50W (no load)
Input/output impedance	10 K $\Omega$ / 75 m $\Omega$
Input sensitivity	2/4 Vrms (RCA/XLR)
Frequency response	+800kHz
THD + noise	>0.01%
Signal to noise ratio	>100dB
Volume	-79dB to +13dB

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