AlluXITY

2023 Product Information

Based in the town of Herning on the Jutland peninsula of Denmark, Alluxity was conceived by Alexander Vitus-Mogensen with the idea that high-fidelity should be a common pursuit for everyone, not just the well-heeled enthusiast.

The son of an audio industry veteran, Alexander began his career learning the basics of ultra-high-quality circuit and audio component design at a young age. He eventually stepped out on his own and created products that reflected the philosophy he sees as his company's core: build home-friendly products, do so in a way that provides value, and most of all, make them something that owners will want to come home and listen to.

In the years since its founding, Alluxity has slowly and steadily adopted a form of production that most companies that have been around two or three times as long have yet to achieve: vertical manufacturing that keeps as much of the design, production, and assembly processes under their own roof as possible. The resulting sound system components have a level of craftsmanship and quality control that are impossible to achieve

when manufacturing is handled at arm's length by a third party. CNC machining takes place on a 4-axis metalworking machine, circuitry is engineered by their core staff of in-house designers, surface-mount circuit boards are stuffed on machinery that they own and program themselves, and all assembly and QC takes place in their own dedicated workshop.

This leads to the usual question posed by audiophiles and music junkies worldwide: Yes, but how does it sound? In a word, brilliant. The use of discrete gain stages, stepped ladder volume controls, substantial power supplies, and balanced topology (among other things) mean that they can put forth incredible levels of musical information, all presented coherently, while maintaining exceptional control of your loudspeakers. Alluxity products easily and successfully skate the fine line between analytically precise and emotionally vibrant.

We'd like to cordially invite you to explore the Alluxity range at your leisure on the following pages and then arrange to experience them in person with your local retailer.

Int One mk. II

The original Int One integrated amplifier was quite a performer, so improving upon it was very much a challenge. Not only were there new circuits to fit into the monolithic chassis—a newly designed, balanced preamplifier section with greater gain and a new stepped ladder volume control—but there were also changes to its basic operation and overall bandwidth. Getting everything squeezed into the original minimalist chassis seemed nearly impossible at times.

But the changes were well worth it. Not only is the sound definitively more open and engaging, but the ease of use has improved with a 75dB volume range in 1 dB steps. The new gain ratio has added a sense of power and increased bandwidth to make the sound more spacious and open. Alluxity's little analog integrated amp can now be used in an even greater variety of systems.

Featuring two pairs of balanced inputs and three pairs of unbalanced inputs, along with a fully balanced output stage, the Int One mk. II can be connected to practically any source or speakers and deliver performance well beyond what you would expect from its diminutive size.

Available in black (shown), silver, white, or Titanium Orange standard finishes. Custom color finishes (Ruby Red shown) are also available.

Pre One

The Pre One was the first release designed and manufactured by Alluxity, paving the way for everything that followed. In most cases, first releases are how a new manufacturer cuts their teeth and learns what works and what doesn't. The all-analog Pre One preamplifier, however, got everything right from the onset. Not only does it feature properly balanced circuitry from input to output, but it's also a true dual-mono design, incorporating a separate transformer and circuitry for each channel.

Surface Mount Design (SMD) plays heavily in the Pre One's technology, minimizing circuit board size and reducing or eliminating the negative effects that are associated with traditional through-hole layouts. SMD also figures heavily into Alluxity's discretely implemented gain stages due to its precision and the resulting ability to match each gain stage to spec and to each other.

In the wrong hands, this technological tour-de-force seems like it could leave you with cold or hard sound, but with Alluxity it produces music that's incredibly resolving, giving you space and detail that was previously unheard in song after song, as well as power, dynamics, and, when necessary, warmth, grace, and fragility. When the music is heard instead of the equipment, something extraordinary is happening.

If you then consider the Pre One's touch screen control panel and its full array of balanced and unbalanced inputs and outputs, there's nothing left to ask for. Except for maybe a few new recordings to listen to.

Available in black, Titanium Silver, white, or Titanium Orange (shown) standard finishes. Custom color finishes are also available.

Pre Two

When starting out with a template as well executed as the all-analog Pre One you ask yourself, "What could be added to the mix?" There's only one option: a complete host of digital input capabilities to make it the preamplifier that does it all. To that end, the hybrid analog and digital Pre Two gives you exactly what you've asked for.
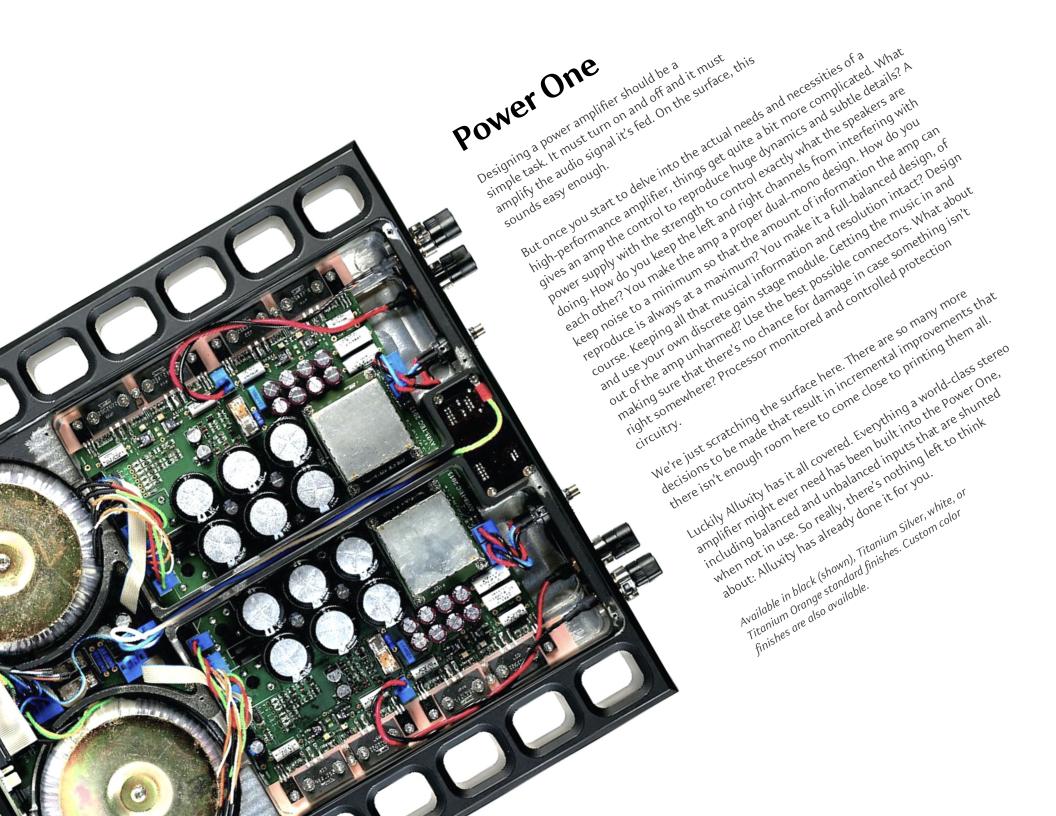
Everything from the traditional S/PDIF, AES3, and Toslink inputs, to USB, to Ethernet for network streaming, and even Bluetooth and Apple's wireless AirPlay™ connectivity are accounted for and run through the same advanced circuitry and volume control as each of the analog XLR and RCA inputs, which means the best sound available.

Alluxity couldn't leave well enough alone, however. A completely revised layout was created and a new gain stage was developed to allow each of the preamplifier outputs to be driven independently so that anyone choosing to bi-amplify their system would enjoy the ultimate in perfectly effortless sound quality.

To round out all the technology inside, Alluxity has wrapped microprocessor controlled and selected input switching in a beautifully presented and machined casework carved from a single block of metal and an elegantly simple touch screen interface. The Pre Two wants for nothing else.

Available in black, Titanium Silver, white, or Titanium Orange (shown) standard finishes. Custom color finishes are also available.

Power One

Designing a power amplifier should be a simple task. It must turn on and off and it must amplify the audio signal it's fed. On the surface, this sounds easy enough.

But once you start to delve into the actual needs and necessities of a high-performance amplifier, things get quite a bit more complicated. What gives an amp the control to reproduce huge dynamics and subtle details? A power supply with the strength to control exactly what the speakers are doing. How do you keep the left and right channels from interfering with each other? You make the amp a proper dual-mono design. How do you keep noise to a minimum so that the amount of information the amp can reproduce is always at a maximum? You make it a full-balanced design, of course. Keeping all that musical information and resolution intact? Design and use your own discrete gain stage module. Getting the music in and out of the amp unharmed? Use the best possible connectors. What about making sure that there's no chance for damage in case something isn't right somewhere? Processor monitored and controlled protection circuitry.

We're just scratching the surface here. There are so many more decisions to be made that result in incremental improvements that there isn't enough room here to come close to printing them all.

Luckily Alluxity has it all covered. Everything a world-class stereo amplifier might ever need has been built into the Power One, including balanced and unbalanced inputs that are shunted when not in use. So really, there's nothing left to think about: Alluxity has already done it for you.

Available in black (shown), Titanium Silver, white, or Titanium Orange standard finishes. Custom color finishes are also available.

Power Two

One benefit of revising a product is that you learn new ways to improve what had come before as a matter of practice. Such was the case when Alluxity decided to revise the popular Int One integrated amplifier. New ways to make the use of space more efficient and the benefits of staggered gain in each stage of the amplifier were developed.

Likewise, developing new products enables you to apply things that have been learned from other projects to create something better than what came before. This is where the Power Two comes in. With the venerable Power One already in the Alluxity product line, an amplifier in a smaller package was needed to match the chassis size of the company's preamplifiers but there was a catch: the resulting musicality must remain exemplary.

While it may not have the dual-mono design of its larger sibling, the Power One, the Power Two acquits itself very nicely. It involves. It flows. It's fully balanced and packing a hefty power output, it has the heft necessary to tame the most unruly speakers but has the resolution and finesse necessary to glide through the most delicate *pianissimo* passages. All the usual hallmarks of an Alluxity product are here, too: updatable firmware and control, an elegantly understated chassis in the Scandinavian tradition, advanced circuit topology, every necessary connection (with beautifully made connectors!), and an attention to detail rarely found in today's world of mass-produced products.

So, yes, the Power Two may be Alluxity's "smaller" stereo amp, but by no means is it a "lesser" stereo amp.

Available in black, Titanium Silver (shown), white, or Titanium Orange standard finishes. Custom color finishes are also available.

Mono One

Every development team needs a place to hang their hat, a flagship if you will. In the world of audio electronics, that usually means a mono amplifier, amps that can be installed in the highest quality systems and perform so well that they seem as if they were designed specifically for the system where they're being used.

The world of mono amplifier users is unique. There are no "entry level" systems and there are no users who accept "good enough." In fact, systems built to the level where mono amplification is necessary likely have the most demanding users of all music lovers.

Which brings us to Alluxity's Mono One. Yes, it's balanced—even physically, it's symmetrically balanced internally to optimize each half of the audio waveform. The massive toroidal transformer handles one channel per chassis, meaning it's working half as hard, lending an element of ease and effortlessness. There are also double the number of output transistors, benefitting damping and lending more authority, grip, and control during big dynamic swings or high output.

Tiny touches, such as the display refresh rate being increased to move its operating frequency out of the audio band, are incorporated everywhere. Even the most basic aspect of mono amplification is here: greater channel separation due to the isolation of the separate chassis is taken a bit further. All the circuitry inside each Mono One, including the transformer, sits in its own little pocket, carved out of the casework to keep it isolated from the other sections of the amplifier. The Mono One may not be the largest mono amplifier ever created, but the overall efficiency of the design is very much in evidence by the way space is used inside the chassis. Alluxity has managed to fill the compact casework with enough advanced technology to easily make it audibly and visibly superior to any competition.

Of course, all of this means nothing if the Mono One doesn't deliver enthralling musicality on a level beyond the other Alluxity products. Dynamic capability, voltage swing, rhythmic flow, channel separation, image separation, soundstage, low noise, and most of all, the ability to connect the listener to the very deepest meaning and intentions of the artist is better. So, no need to worry. Yes, they most certainly do.

Available in black, Titanium Silver, white (shown), or Titanium Orange standard finishes. Custom color finishes are also available.

Specifications

Model:	Inputs:	Outputs:	Power Output:	Dimensions:	Weight:
Int One mk. II	2 x balanced XLR 3 x unbalanced RCA	1 x 0.25" Binding Posts (pair) 1 x Preamp-out RCA	200W (8 ohms) 400W (4 ohms)	7.1" x 4.1" x 12.4" in. (43.5 x 10.5 x 31.5 cm)	38.5 lbs. (17.5 kg)
Pre One	3 x balanced XLR 2 x unbalanced RCA	1 x balanced XLR 1 x unbalanced RCA 1 x Bypass RCA	-	7.1" x 4.1" x 12.4" in. (43.5 x 10.5 x 31.5 cm)	30 lbs. (14.0 kg)
Pre Two	1 x balanced XLR 1 x unbalanced RCA 1 x Ethernet 1 x USB-A 1 x USB-B 1 x AES3 1 x S/PDIF (RCA) 1 x optical (Toslink)	2 x balanced XLR 1 x unbalanced RCA	-	7.1" x 4.1" x 12.4" in. (43.5 x 10.5 x 31.5 cm)	30 lbs. (14.0 kg)
Power One	1 x balanced XLR 1 x unbalanced RCA	1 x 0.25" Binding Posts (pair)	200W (8 ohms) 400W (4 ohms)	7.1" x 4.1" x 18.9" in. (43.5 x 10.5 x 48 cm)	83.0 lbs. (31.0 kg)
Power Two	1 x balanced XLR 1 x unbalanced RCA	1 x 0.25" Binding Posts (pair)	200W (8 ohms) 400W (4 ohms)	7.1" x 4.1" x 12.4" in. (43.5 x 10.5 x 31.5 cm)	38.5 lbs. (17.5 kg)
Mono One	1 x balanced XLR 1 x unbalanced RCA	1 x 0.25" Binding Posts (pair)	250W (8 ohms) 500W (4 ohms)	7.1" x 4.1" x 12.4" in. (43.5 x 10.5 x 31.5 cm)	38.5 lbs. (17.5 kg)