

Electronics



DYNAMIC - ENERGETIC - ALIVE



INTRODUCTION AND BACKGROUND

GamuT started designing and building amplifiers for recording studios in the early eighties. Most of the amplifiers built back then are still being used today. Thus GamuT and its unique single Mosfet technology were born. GamuT has long since branched into designing and manufacturing loudspeakers and cables.

Most of GamuT's research team comes from the world of research environment. Based on psychoacoustic engineering we combine science with subjective listening to achieve one common goal: Sublime and faithful musical reproduction that creates emotional involvement without listener fatigue.

Every member of the GamuT team is a passionate music lover and for more than two decades the relationship between the reproduction of sound and the human perception of sound has been at the heart of every audio component that GamuT builds. GamuT only uses the very best components that can be found. If we can't find a component good enough, we build it ourselves. Our efficient design process leaves us more time to listen and improve upon designs than anyone else in the audio business.

The "Single Mosfet" circuit is a unique GamuT invention. It is at the heart of all GamuT amplifiers and eliminates two

of the biggest problems in amplifier design. GamuT amp's output section consists of only two transistors – one for the positive rail and one for the negative rail. The two transistors are both NPN transistors, which means that they are identical and without the shortcomings of the PNP type transistor, which the audio industry has been avoiding in line stages for years, but is forced to use in output stages. GamuT's use of two identical NPN transistors delivers a signal without any time smearing, resulting in an extremely high degree of control over the connected loudspeakers.

The special NPN Mosfet transistor GamuT use, were originally made for industrial use, but we have been able to find one, that also sounds sublime! GamuT's Mosfets can handle 100A each – continuously and more than 300A peak!

We invite you to listen to our models and experience musical involvement and dynamics like never before. Expect holographic clarity and precision of soundstage, lifelike dynamics and scale of representation, microscopic resolution of fine detail and exquisite reproduction of instruments and voices.

All GamuTs audio components are designed, built and tested at GamuTs own plant in Denmark.





CD3 REDBOOK CD PLAYER

The heart of the CD3 is a non-magnetic steel chassis. The chassis divides the inner space into three separate cabinet compartments, allowing the power supply, the audio signal and the DA-conversion to run completely isolated. This construction eliminates noise, distortion and interference completely.

The CD3 is built with extremely silent and linear components. Likewise, the DA-conversion is implemented with state of the art technology like the Burr Brown PCM 1792 converter.



Di150 DUAL MONO INTEGRATED AMP.

This powerhouse features two balanced and four unbalanced input. It even features a home theater inputs option, that enables the Di150 to be used with a surround processor.

To complete this versatile amplifier we equipped it with both balanced and unbalanced line outputs, allowing further external power amplifiers for bi-amping or multiroom application.

And it features the GamuT speciality; the single Mosfet output stage. With approx. 1000 Watts of transformers and four beer can sized capacitors with a total of 64.000uF in capacity, this direct wire-connected supply is the oversized heart of the beast.



D3i DUAL MONO PRE AMP.

Genuine dual mono construction with separate toroids for each channel, to ensure the best possible channel separation and lowest cross channel distortion possible. The power from this supply is the cleanest and fastest we have seen yet.

The D3i features a very short and simple signal path. With a minimum of components in the signal path, but of extremely good quality, the result is a sound that is very open and natural, with very low distortion. And it is also equipped with both balanced and unbalanced line outputs and a special analogue ALPS Volume potmeter of only 1 Kohm, to lower noise and crosstalk to an absolute minimum. And like all of Gamut's electronics it even comes with a remote control.

The D3i delivers a musical and dynamic presentation unheard of in its price range!



D200i DUAL MONO POWER AMP M250i MONO POWER AMPS

If you crave the very best, without any compromises then either the D200i dual mono power amp or two M250i mono blocks is what you want. Besides having even more power than our integrated amp, these amps come equipped with a new type of Mosfets that handles up to 500 Amperes. As well as a new balanced power supply section with much faster and higher power delivery, resulting in a much lower noise floor. This gives the amps an astonishing grip of the loudspeakers, improving and lifting the dynamics to new levels.

And as icing on the cake we changed the cabling, from the power supply section and from the output section, to our own high-end Wormhole cables, in order to pull the performance up another notch. These GamuT power amps delivers an astonishing sound stage and sublime dynamics without any distortion.

ENCLOSURE CONSTRUCTION

A non-magnetic metal chassis divides the inner space into separate compartments that run completely isolated. This construction eliminates noise, distortion and interference completely. Covering the front is a thick silver anodized aluminum faceplate elegantly shaped in traditionally Scandinavian minimalistic design. All models are also available with a black faceplate.

CD3 REDBOOK CD PLAYER

| | |
|--------------------------------|---|
| Output level: (RCA / XLR) | 2,17 / 4,34Vrms |
| Signal to noise ratio: | 124dB |
| Noise level: | <5uV |
| Distortion: (THD+N) | <0.0009% |
| D/A converter: | Burr Brown 24 Bit/192kHz Re-clocking to 24/192 Analogue filtered output |
| Output impedances: (RCA / XLR) | 75 / 150 ohm |
| Idle power consumption | 20 Watts |
| Output | XLR, RCA, Digital SPdif. |
| Shipping weight | 17 kg |

D3i DUAL MONO PRE AMP.

| | |
|-----------------------------------|---------------------------|
| Maximum input level: (RCA / XLR) | 5 / 10Vrms @1%THD+N |
| Maximum output level: (RCA / XLR) | 5 / 10Vrms @1%THD+N |
| Signal to noise ratio | 110dBA |
| Distortion: (THD+N) | <0.0008% |
| Gain | 5 dB |
| Input impedances: (RCA / XLR) | 20 / 40 kOhm |
| Output impedances: (RCA / XLR) | 75 / 150 Ohm) |
| Power supply: (Dual Mono) | 2 x 50VA Low-noise Toroid |
| Power consumption: (Idle) | 20 w |
| Shipping weight | 12 kg |

D200i - DUAL MONO POWER AMPLIFIER

| | |
|-------------------------------|------------------------|
| Output power 8/4 ohm | 2 x 200/400 Watt |
| Output power 2 ohm: (Peak) | 2 x 800 Watt |
| Frequency response: (+-0.1dB) | 5 Hz – 100 kHz |
| Input impedance: (RCA / XLR) | 20 / 40 kOhm |
| Frequency response: | 5Hz – 100kHz (+-0.1dB) |
| Output devices: (2 Channels) | 4 x 200A NPN Mosfet |
| Power supply: (Dual Mono) | 2 x 800VA Toroid |
| Capacitance: (RIFA PEH 169) | 64.000uF |
| Idle power consumption: | 100W |
| Shipping weight | 34 kg |

Di150 DUAL MONO INTEGRATED AMP.

| | |
|-------------------------------|----------------------------|
| Output power 8/4 ohm: | 2 x 180 / 360 Watt |
| Output power 2 ohm: (Peak) | 2 x 700 Watt |
| Frequency response: (+-0.1dB) | 10 Hz – 50 kHz |
| Signal to noise ratio: | 100 dBA |
| THD (1kHz): | >0,05% (Mainly even order) |
| Speaker load: | >1,5 ohms |
| Input impedance: (RCA / XLR) | 20 / 40 kOhm |
| Power supply: (Dual Mono) | 2 x 500VA Toroid |
| Capacitance: (RIFA PEH 169) | 64.000uF |
| Idle power consumption: | 110 Watts |
| Shipping weight: | 31 Kg |

M250i - MONOURAL POWER AMPLIFIER

| | |
|-------------------------------|------------------------|
| Output power 8/4 ohm: | 250/500 Watt |
| Output power 2 ohm: (Peak) | 1000 Watt |
| Frequency response: (+-0.1dB) | 5 Hz – 100 kHz |
| Input impedance: (RCA / XLR) | 20 / 40 kOhm |
| Frequency response: | 5Hz – 100kHz (+-0.1dB) |
| Output devices: | 2 x 200A NPN Mosfet |
| Power supply: | 1 x 1600VA Toroid |
| Capacitance: (RIFA PEH 169) | 100.000uF |
| Idle power consumption: | 50W |
| Shipping weight | 38 Kg |



www.gamutaudio.com
[www.twitter.com/gamutaudio](https://twitter.com/gamutaudio)
www.facebook.com/gamutaudio