

Densen Audio Technologies

## Our way

At Densen we build our equipment to bring you the best musical experience money can buy. We are not the biggest manufacturer in the world, but we're dead serious about being the best.

It is our intention to make *complete* products. Not just products that are sonically superior, but complete like a perfect circle. As you read on, you'll discover that we go the extra mile in every aspect: design, user-friendliness, development, quality, upgradeability, production methods and of course sound quality. But you really won't have a clue about it all until you get to hear and see what we're talking about.

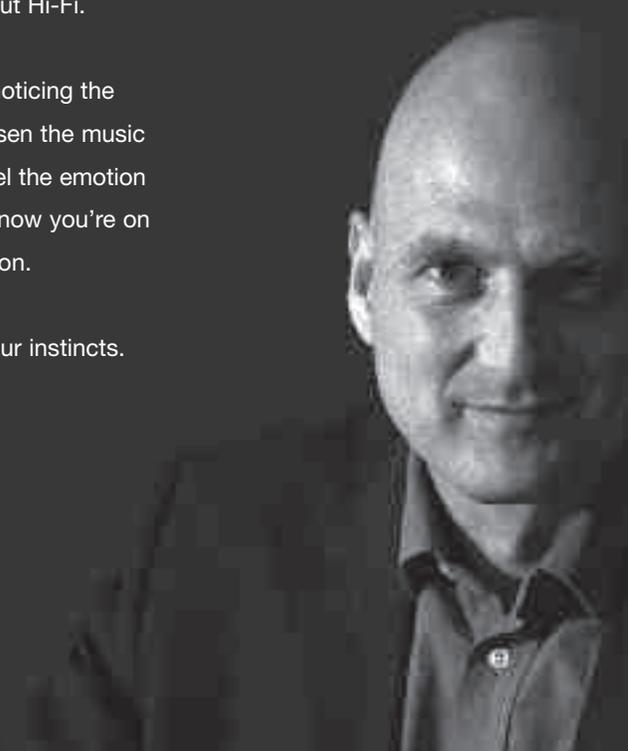
But before you visit your Densen dealer, we recommend that you bring a few things for the demonstration: First of all you need lots of the music you love and relate to. Not only the best recordings, not only the things that show the world you're an intellectual. We mean the kind of stuff that gets your feet tapping or brings a tear to your eye. We also recommend that you bring your partner, your mother or someone else with no opinion or knowledge about Hi-Fi.

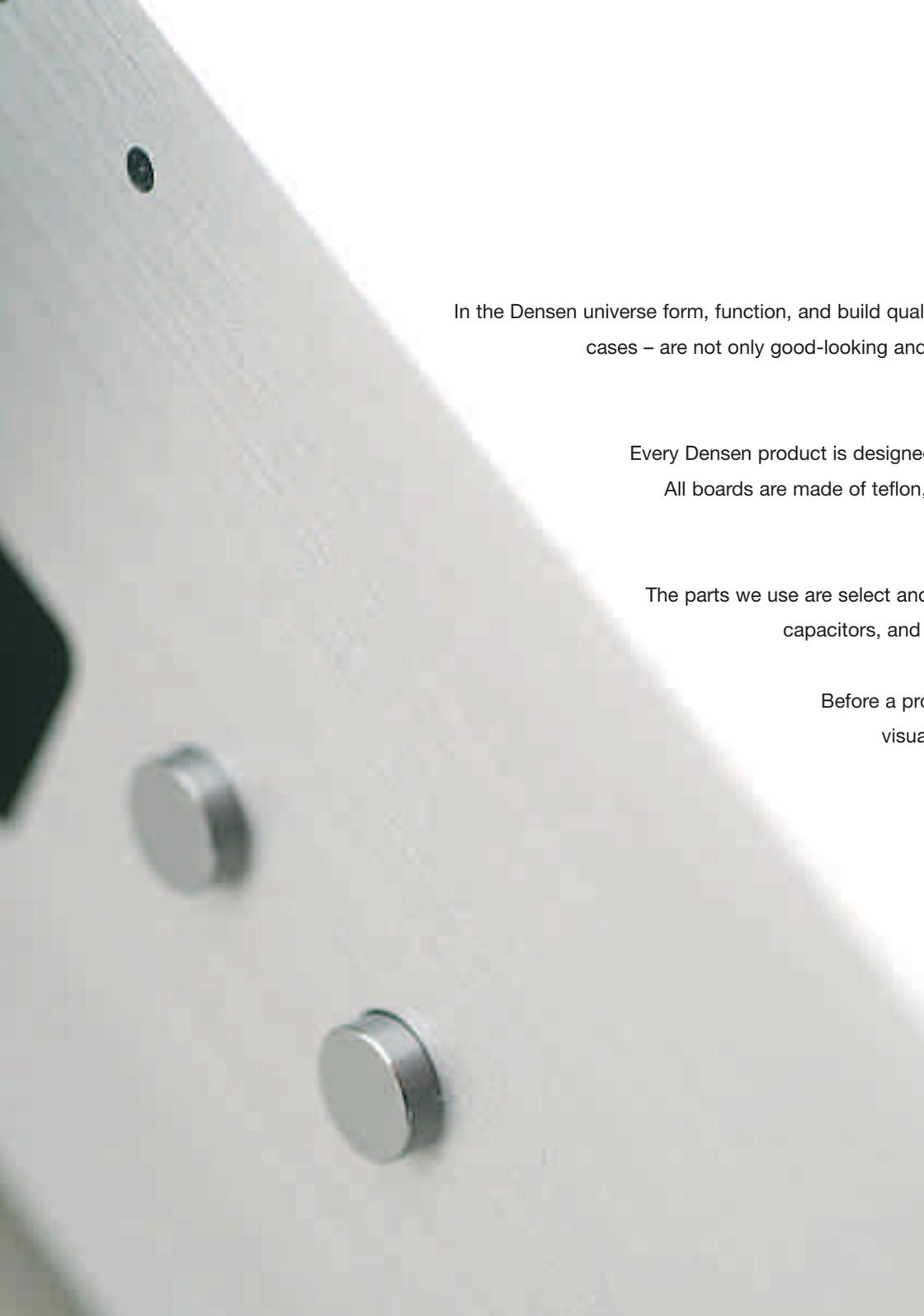
As the demonstration rolls along, you'll be able to measure the quality of the experience on yourself by noticing the amount of foot tapping, your urge to do the air guitar, or the feeling you have in your stomach. With Densen the music will be less compressed, more engaging and energetic to listen to. The music will breathe and you will feel the emotion put into music by the musicians. And if the person you bring along stops talking or starts to smile, you know you're on to something. If you forget about the equipment and just listen to the music, you have arrived at a decision.

We're not the kind of people who preach, but we will tell you this about selecting your system: Follow your instincts. Don't rely on data. Close your eyes and listen to your heart. That's what music is all about.

Life is too short for boring Hi-Fi

Thomas Sillesen  
Head Honcho, founder and developer





## The Road to Perfection

In the Densen universe form, function, and build quality works for one another and for the sound. Our design trademark – the compact aluminium cases – are not only good-looking and easy to incorporate in any interior – they also dissipate heat and reduce magnetic distortion much more effectively than the large steel cases used by many manufacturers.

Every Densen product is designed with a single printed circuit board. This ensures short signal paths and easy upgradeability. All boards are made of teflon, the mounting is mainly done by robots, and the soldering is done in an artificial atmosphere of nitrogen to avoid oxidation.

The parts we use are select and often custom-made to our specifications. We use Vishay metal film resistors, custom-made capacitors, and very “stiff” custom-made toroid transformers that really deliver the goods regardless of load.

Before a product leaves us, we submit it to a very discriminating series of testing, listening sessions and visual inspections. When you unpack your Densen, you’ll find a pair of white gloves to wear while handling the unpacking and installation. If you don’t wear them, your fingers will be the first to touch the extraordinary aluminium finish.

## Multi-room

The DenLink system allows the user to control a multi-room system with a multitude of link applications. To ensure high-quality sound in the multi-room system, link-output is done through a separate balanced pre-amp stage which is built into all Densen pre-amps and integrated amps.

The DenLink / Multi-room system is also prepared for light control, so it will be able to dim the lights in the room.

## Lifetime Warranty

Densen products are built for life and for long-lasting state-of-the-art performance. That's why all Densen products come with an exclusive lifetime warranty. The warranty is a global carry-in warranty that lasts as long as you own the product. At this time in history, Densen is the only manufacturer to offer lifetime warranty on high-end Hi-Fi.

Pre-owned Densen products are not covered by the warranty, but we do offer very inexpensive and fast repairs of all our current and previous models. Most repairs are done within a week, and we will always give you a fixed price in advance for the service.

Please have a look at [densen.com](http://densen.com) for details about the lifetime warranty.

## Upgrade!

Densen products are not only built to last; they're also built to be upgraded along the way. Nearly all our amps, CD-players and tuners have been prepared for upgrades, so you can improve and expand your musical experiences at a favourable price and without compromising on design, build quality and sound. You can start out with a very simple system and end up with a high-end active system, just by upgrading.

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# pre

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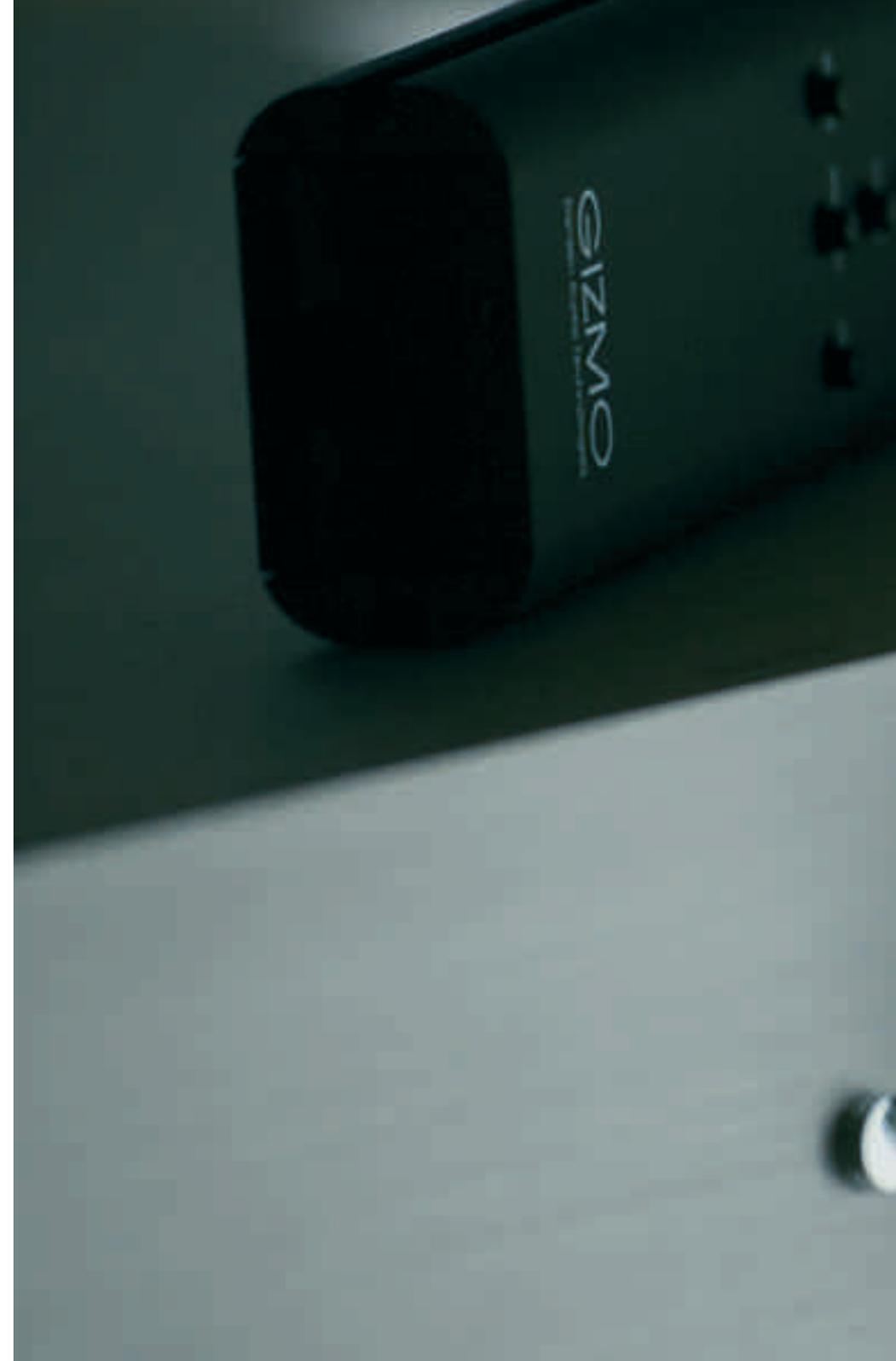
## Pre-amplifiers

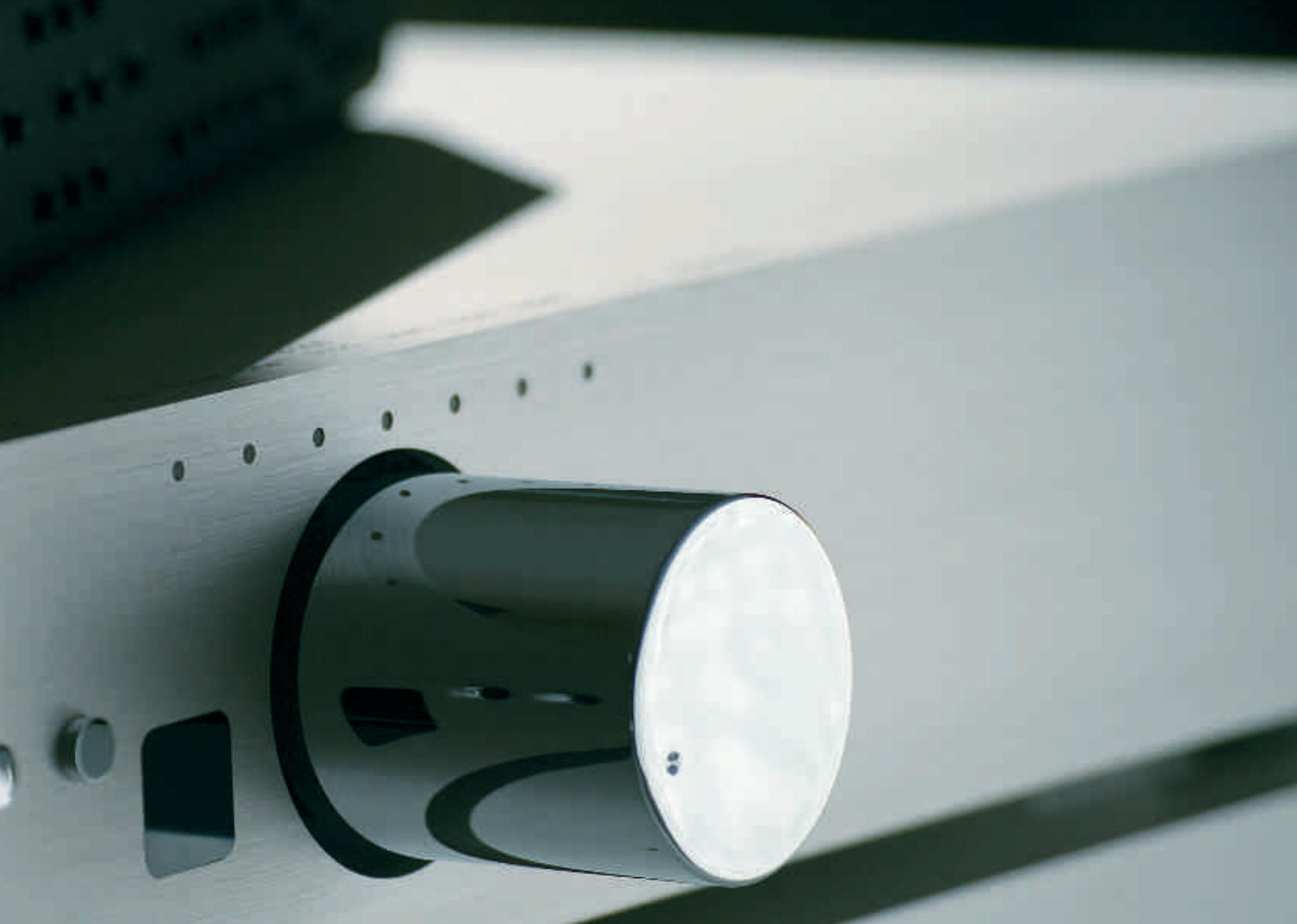
The Densen range of pre-amplifiers are designed and built without compromises. A successful merger of extravagant sound, design, and usability.

Designed with zero feedback circuitry, massive storage capacity, and class A output stages, these control centers rule your living room – and up to 4 power-amps.

A discreetly elegant addition to any home, they provide you with world-renowned musical experiences and family-friendly usability.

The Densen pre-amplifiers are easily upgradeable and come with internal slots for surround processors, phono stages and multi-room performance via DenLink.







*"However, it isn't the Densen's Hi-Fi attributes that will stick in your mind after a demo: no, we bet you're more likely to remember how good the music was, because that's what this amplifier does. It uses all its Hi-Fi talents to produce cohesive, musical results that put the artist and music first."*

**What HI-FI? Sound & Vision December 2005**



*"One of the finest pre-amps available on the market, and at this price it is a best buy"*

**Lyd og Bilde April 2003**

## B-200

It took 3 years of research to develop it to musical perfection, but it was worth every second of hardship. The B-200 is a pre-amplifier with style, grace, and devastating musical performance. Its timing, precision, and tight control blend into an overwhelming musical performance that has won critical acclaim and popularity among Hi-Fi aficionados around the globe.

The B-200 is an investment in stunning musical experiences. It's not only among the best pre-amps ever made, it's also full featured, upgradeable, and fully remote controlled via the stylish Gizmo system remote. The B-200 is the perfect backbone in any discriminating music lovers audio system.

Visit [Densen.com](http://Densen.com) for in-depth technical information and downloadable reviews.

### B-200 technical specifications

Line inputs	4 sets + 2 tape loops
Pre-amp outputs	4 sets for easy connection for Bi-amping
Power supply size	2 x 20 VA
Storage capacity	50,000 uF
Output stage	Based on a 6 Watt class A amp with zero feedback
Upgrade path	Upgradable CPU, MM board, up to 4 power-amps (all of which can have electronic crossovers) Processor Loop



## B-250

Uncompromising design, uncompromising build, uncompromising technology, and uncompromising musical performance. Our new reference pre-amplifier is our humble attempt to build the best pre-amplifier money can buy.

The B-250 delivers much more than state-of-the-art musical performance. The amplification stages are based on advanced Class A designs and encapsulated on the motherboard to avoid interference. The power supply is a dual mono design with more storage capacity (100,000 uF) than most power-amplifiers on the market!

The B-250 uses a true attenuator that we have designed to work without compromising the sound at all. The microprocessor-controlled attenuator clicks discreetly as you adjust the volume – a sign that proves the use of an advanced relay-driven attenuator instead of cheap inferior technologies, which substantially downgrade sound quality.

With options such as multi-room, surround sound, built-in phono stages and upgrade-ready microprocessor, the B-250 is a full-featured and upgradeable performer. It brings the past, the present and the future of ultimate musical and home cinema performance to life in an extremely attractive and expandable package.

Use it with your turntable, your 7.1 surround setup or with a good old CD – the B-250 is as good as it gets when it comes to musical performance and media versatility.

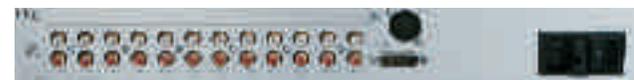
*“The lack of a physiological effect on the midrange, treble or bass registers generates, for some, a sensation of loss, and for others, an expression of a kind of Nirvana of sound.”*

**Haute-Fidélité March 2005**



### B-250 technical specifications

Line inputs	4 sets + 2 tape loops
Pre-amp outputs	4 sets for easy connection for Bi-amping
Power supply size	3 x 20 VA
Storage capacity	100,000 uF
Output stage	Based on a 6 Watt class A amp with zero-feedback
Upgrade path	upgradable CPU, MM and MC boards, up to 4 power-amps (which can all have electronic crossovers), Analogue Surround boards (5+1 and 7+1), DNRG external PSU



*“The B-250 is a rare example of a pre-amplifier that doesn’t asphyxiate the musical signal – yet also with exceptional finesse and compelling acoustical timbre, doing so in a beautifully compact and timeless enclosure.”*

**HIFI World November 2005**



## B-275

State of the art best describes both build, technology and especially the sound of the B-275.

The B-275 the first Superleggera product from Densen. The term superleggera will not be unfamiliar to conneceurs of advanced sportscars, as this Italian term meaning super light weight, has been used to describe the chassis, of some of the best and most famous sportscars ever made.

The industry standard has been to build bigger and bigger products, with larger and larger circuits and powersupplies, resulting in cabinets both holding delicate audioelectronic and massive powersupplies. Densen has with the Superleggera products divided these into 2, allowing the audiocircuit to be totally separated from the powersupplies mechanically, resulting in a dramatic removal of the powersupply vibrations and electrical field, which will smear the signals of a normal amplifier. In the B-275 the huge powersupply called 2NRG has its own cabinet, while the delicate audiocircuits is in the Superleggera B-275 cabinet.

The 2NRG holds the huge powersupply, with 3 custommade transformers, 51 custom-made Densen capacitors, and is the enginerroom of this outstanding performer.

Still the B-275 contains the options for multi-room, surround sound, build-in phonostages and upgradeready microprocessor, which makes it uniquely versatile at the same time as being a delicate and musical performer ready to be the heart of even the most sophisticated audiosystem.

### B-250 technical specifications

Line inputs	4 sets + 2 tape loops
Pre-amp outputs	4 sets for easy connection for bi/tri or quad-amping
Power supply size	Separate 2NRG with 3 transformers and more than 500.000uF.
Storage capacity	B-275: 140.000uF          2NRG: 510.000uF
Output stage	Class A non feedback, with custommade Densen capacitors at all critical places in the design.
Upgrade path	upgradeable CPU, MM and MC Boards, up to 4 power-amps (which can all have electronic crossovers), analogue Surround boards (5+1 and 7+1).





# power

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## power-amplifiers

The Densen range of power-amplifiers makes music come to life with an ease and a musicality that just sounds so incredibly right. The press often resort to hyperbole when describing it, and a lot of people actually stop talking and communicate the musical experience by tapping their feet, playing the air guitar, banging their heads, conducting imaginary orchestras, or entering a trance-like state.

Of course we have patents pending on the advanced designs, and have spent an enormous amount of time selecting the right components. We apply attention to detail, extremely refined board designs, precision engineering, custom-made components, and amplification without feedback. But the Densen magic is not just created by these highly advanced technologies. It is born out of the vision we have for our products and our determination to make it come true.

Our range of power-amplifiers share the commitment to quality, the design principles, and the unique musical performance.

But as you make your way up in the range, you'll discover more and more detail, more and more rhythm and drive, more and more transparency, more and more power – well, more and more music!

All Densen power-amplifiers are prepared to work with the Saxo Crossover in an active amplification set-up, and all models come with DenLink for seamless communication between your Densen products.





*The B-320 power-amplifier stacked with  
pre-amp B-200 and CD-player B-420*



## B-305

The B-305 is aimed both at pre/power combinations, and at bi-amping in connection with the Densen integrated amplifiers. It contains an advanced power-amplifier with 2 x 60W in 8 ohm, and 2 x 120W in 4 ohm. The B-305 drives most loads with an ease that belies its modest size, while retaining a truly musical sound. It has selectable gain to allow it to work perfectly with a conventional pre-amplifier and to allow easy use in a small-scale system with a CD-player with variable volume as source. It also has an internal socket for the SAXO crossover to allow upgrades to an active system. All in- and outputs are gold-plated connectors, it has custom-made capacitors, and all the other unique qualities that characterize a Densen amplifier. You will not find a more musical power-amplifier at this price level.

*"Best Value of the Year" **Audio Art 2006, Taiwan***

## B-310

The B-310 delivers 2 x 80W / 8 ohm and 2 x 160W / 4 ohm. The power supply is massive with no less than 60,000 uF, which allows the B-310 to control even the most difficult loads. The sound is refined and dynamic, and the unit has all the features you would expect from a Densen amplifier; the DenLink connector that allows for automatic standby from a Densen pre or integrated amp; bi-wire terminals for easy bi-wiring; a socket for SAXO for easy upgrade to an active system; and an external gain switch for easy adjustment between active and passive systems.

*"Sound staging is expansive and the level of detail resolution impressive, even considering the price point. However, it isn't the Densens hi-fi attributes that will stick in your mind after a demo: no, we bet you're more likely to remember how good the music was, because that's what this amplifier does. It uses all its hi-fi talents to produce cohesive, musical result that put the artist and music first. VERDICT: This is another fine product from Densen. This pre/power (B-200/B-310) is right up there with the very best at this price."*

**What HI-FI? Sound & Vision December 2005**



### B-305 technical specifications

Power outputs	2 x 60 W 8 ohm / 2 x 120 W 4 ohm
Speaker outputs	1 set
Power supply size	360 VA
Storage capacity	20,000 uF
Gain switch	For easy adaptability (passive or active pre-amp)
Prepared for	Electronic crossover (SAXO)



### B-310 technical specifications

Power outputs	2 x 80 W 8 ohm / 2 x 160 W 4 ohm
Speaker outputs	2 sets
Power supply size	500 VA
Storage capacity	60,000 uF
Gain switch	For easy adaptability (passive or active pre-amp)
Prepared for	Electronic crossover (SAXO)



## B-320

The B-320 is the tweaked and tuned successor to the critically acclaimed B-300XS.

The B-320 contains an output stage built using Densen's unique DMCD technology.

This makes the B-320 extremely fast and precise while retaining unlimited control of the speakers. The bandwidth is extreme and goes straight to 400,000Hz with improved slew-rate. The B-320 controls even extremely large speakers with ease and will definitely make a lot of people fall in love with music all over again.

The B-320 delivers 2x100W at 8 ohm, and 2x200W at 4 ohm. The mains transformer is specially wound to lower the noise floor and act as a shielding transformer. By using a new power supply set-up, the B-320 also has an extremely "dark" background which makes the amplifier sound extremely controlled, but still provides lots of emotion and spark.

The B-320 is prepared for Densen's SAXO electronic crossover, allowing the B-320 to be used in active systems.

## B-340

The B-340 is a multi-purpose 4-channel power-amplifier. It can be used in an almost endless range of combinations. In bi-amp mode the effect of using the B-340 is stunning, as always when you bi-amp. With the B-340 you take bi-amping to another level – especially if you use the SAXO crossover in an active amplification system.

In a surround setup, the B-340 performs with awe-inspiring confidence. Used with a B-300 or B-300XS you have a total of 6-channels allowing for 5.1 or the new 6.1 / 7.1 system with active subwoofer. If you are looking for the ultimate in surround sound, simply use two B-340's: this gives you 8/7.1 channels and maximum flexibility.

### B-320 technical specifications

Power outputs	2 x 100 W 8 ohm / 2 x 200 W 4 ohm
Speaker outputs	2 sets
Power supply size	750 VA
Storage capacity	90,000 uF
Gain switch	For easy adaptability (passive or active pre-amp)
Prepared for	Electronic crossover (SAXO)



### B-340 technical specifications

Power outputs	4 x 60 W 8 ohm / 4 x 120 W 4 ohm
Speaker outputs	1 set for each channel
Power supply size	800 VA
Storage capacity	80,000 uF
Gain switch	For easy adaptability (passive or active pre-amp)
Prepared for	Electronic crossover (SAXO)





*CD-player B-410  
Pre-amp B-200  
power-amplifier B-340*



*"The Densen B-330 power-amp is the audio equivalent of a Danish-built AK47! Don't let the sleek styling fool you; this combo (with B-250) offers dramatic power, punch and grip allied to superb finesse"*

**HIFI World November 2005**

**hi-fi**  
THE SOUND OF QUALITY



## B-330

It's a bold statement, but we won't hesitate to call the B-330 a reference power-amplifier that offers extremely good value for money. The B-330 is a direct descendent of our reference B-350 monoblocks. The B-330 is a stereo power-amp based on B-350-technology, and it uses the distinct monoblock cabinet with its recessed heatsinks. The B-330 contains several exciting features. The back panel has a switch to adjust the gain, enabling the B-330 to work perfectly with a traditional pre-amp or with a CD with variable output. There is also a D-Sub15 connector, allowing for Link connection to other Densen products and for auto power on/off. The D-Sub connector can be daisy-chained in multi-room systems. The B-330 is also prepared for the SAXO electronic crossover. This is done by mounting the crossover internally in the B-330 in a socket. The SAXO crossover will fit all passive speakers on the market.

### B-330 technical specifications

Power outputs	2 x 120 W 8 ohm / 2 x 240 W 4 ohm
Class A output	30 W 8 ohm
Speaker outputs	1 set
Power supply size	750 VA
Storage capacity	110,000 uF
Gain switch	For easy adaptability (passive or active pre-amp)
Prepared for	Electronic crossover (SAXO) DMCD Technology



## B-350

The B-350 is Densen's top-of-the-line power-amp. It contains a completely new output stage using Densen's unique "DMCD" technology (patent pending). The B-350 delivers the ultimate in speed, precision and timing while retaining unlimited control of the speakers. The bandwidth goes straight to 400,000Hz, resulting in improved slew-rate and an extremely detailed sound.

The power supply is massive: the B-350 has a 750VA transformer and a storage capacity of 100,000uF with 4 separate rectifiers, 2 of which are capable of 3,000VA. Unusually for an amplifier, not all the capacitors are mounted in a capacitor bank; some are located next to the output stage for faster power delivery. All resistors are laser-trimmed metalfilm from Vishay with a precision of 0.1%. The B-350 delivers 125W at 8 ohm, and 250W at 4 ohm.

The B-350 has several exciting features. The backpanel has a switch to adjust the gain, ensuring that the B-350 works perfectly with a traditional pre-amp, as well as with a CD-player with variable output. There is also a D-Sub15 connector allowing for DenLink connection to other Densen products, such as auto power on/off.

The B-350 is also prepared for Densen's SAXO electronic crossover, allowing the B-350 to be used in active systems. This is done by mounting the crossover in an internal socket. The SAXO crossover is user-adjustable and will fit all speakers on the market. Visit [Densen.com](http://Densen.com) for in-depth technical information and downloadable reviews.

*Sound: Absolute Spitzenklasse (absolute top class)*  
*Verdict: Very good*  
*Price - performance ratio: Very good*  
*Stereoplay measured 176 W at 8 ohms and 296 W at 4 ohms*  
*"With perfect timing and pace it outperforms the competition"*

**Stereoplay 2004**

### B-350 technical specifications

Power outputs	1 x 125 W 8 ohm / 1 x 250 W 4 ohm
Class A output	40 W 8 ohm
Speaker outputs	2 sets
Power supply size	750 VA
Storage capacity	100,000 uF
Gain switch	For easy adaptability (passive or active pre-amp)
Prepared for	Electronic crossover (SAXO) DMCD Technology



## CD-players

The two Densen CD-players are critically acclaimed musical performers with a large group of devoted following. Both players share the Densen characteristics of extreme musicality, military precision in mounting and soldering, easy upgradeability, and good looks.

The players are based on extruded aluminium casings that minimize vibration and magnetic distortion, on non-feedback Class A amplification stages, on the custom-made transport, on advanced and jitter-free clock circuitry, and custom-made glass-optical laser pick-up.





*CD-player B-420 on top of  
B-320 power-amplifier  
and pre-amp B-200*



*CD-player B-410 in a setup with  
pre-amplifier B-200 and  
power-amplifier B-310*

## B-410

The B-410 is the successor to the B-400+, and even though it surpasses the B-400+ in all aspects, it actually costs less than the B-400+.

Sound wise the B-410 is the result of Densen head honcho Thomas Sillesen's desire to make a CD Player that not only surpasses the existing Densen models, but will also be a benchmark for what can be expected from CD players not only at the price point of the B-410, but also at much higher ones. The B-410 is transparent, dynamic, precise, engaging, musically correct, with a precise soundstage, and the ability to create a sound so good you forget you are "just" listening to a CD Player.

Update path: The B-410 can be upgraded to a B-420. The cost is roughly the same as the price difference between the players.

## B-420

The B-420 is the first step up from the B-410, and for many customers it is the natural place to start, as it offers a significant upgrade of the B-410 sound for only a small amount extra.

The B-420 contains a powersupply with a massive toroid transformer that would be a natural partner to a large poweramp, but here it is part of the reason for the authoritative and powerful presentation of the music, which at the same time is both delicate and precise, and allows the listener to really delve into the music.

If you are looking for a giant leap forward in digital music reproduction, you are in for a real treat here.

### B-410 technical specifications

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Line outputs	2 sets
Digital outputs	1 Digital DenLink and 1 BNC
D/A converts	1
Converter type	24 bit type Customized CD transport
Power supply size	90 VA
Storage capacity	40,000 uF
Output stage	Based on a 6 W class A amp with zero feedback
Upgrade path	Can be upgraded to B-420 and B-440



### B-420 technical specifications

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Line outputs	2 sets
Digital outputs	1 Digital DenLink and 1 BNC
D/A converts	1
Converter type	24 bit Customized CD transport
Power supply size	300 VA
Storage capacity	40,000 uF
Output stage	Based on a 6 Watt class A amp with zero feedback

## B-440

The B-440 contains the most advanced DA Converter ever made by Densen. Combining this with a huge powersupply, and advanced solutions in any aspects of the design, the design is truly outstanding and a giant leap forward compared to the already well respected other Densen CD player designs.

The analogue stage uses Densen's unique non feedback class A topology. It is further perfected from the earlier designs, and is one of the key elements securing the extremely high sound quality of the B-440.

The DAC and analogue board is separated from the main CPU board, and can be upgraded as technology progresses. The B-440 can already from the start be upgraded as new technologies evolves in the DA conversion, or in the sophisticated control software of the CD player.

The DAC is a 24 bit type which is mounted under a shielded box, to avoid digital interference on the analogue stages. Naturally the B-440 can have the absolute phase of the signal inverted, so even recordings with incorrect phase can be played correctly.

The result is a player with performance so real, so musical, so emotional, and so passionate it transcends description.

### B-440 technical specifications

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Line outputs	2 sets
Digital outputs	1 Digital DenLink and 1 BNC
D/A converts	1
Converter type	24 bit
	Customized CD transport
Power supply size	300 VA
Storage capacity	40,000 uF
Output stage	Based on a 6 Watt class A amp with zero feedback





# int

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## Integrated amplifiers

Let's say you're one of those people who think they can have everything their own way. One of those who want real Densen performance, expandability, usability, and compact design without the high-end price tag. Well, you can! Our range of integrated amplifiers deliver all the musicality and the features of the Densen separates into a single stylish package. A compromise? No, a clever way of combining a pre and power into a state-of-the-art package.

The integrated Densens are built to perform and are crafted with the same care and technology as their separate siblings. With upgradeability, with DenLink, with a new attenuator volume control, with slot for surround board, with Saxo Crossover compatibility, and with the look and finish of our reference pre-amp B-250, these amps are among the most advanced and technically refined on the market. But more importantly, they are the easy and living-room-friendly way to enjoy the world of Densens unique musical experiences.

### B-110

The B-110 is the successor to the B-100, which became the most sold high-end amplifier ever from a Scandinavian audio manufacturer. Even so the B-110 is in all aspects a giant step forward from the B-100, in terms of musicality, features, user friendliness and upgradeability. The reviews have confirmed the quality of the "old" B-100 by awarding the B-100 a string of very favourable reviews: "You just can't beat it", "rhythmic magic" and "build quality that should embarrass everyone fighting in this price category" – words that tell you it is time to open your ears and listen! The new B-110 will exceed this in every respect! This completely new design is simply sonically superior because of the high-end details and features it inherits from its close relation to the B-150.

*"From time to time I get to hear a component that transforms the music into sheer magic and the Densen B110 is unquestionably one of these! It has a smooth and sophisticated sound that is so involving that you just forget that you are listening to hi-fi and get lost in the music. Voices are filled with emotion, saxophones sound creamy and smooth, and the sense of rhythm and pace is superb."*

**Tone Magazine 2006**



#### B-110 technical specifications

Power outputs	2 x 60 W 8 ohm / 2 x 120 W 4 ohm
Line inputs	4 sets + 2 tape loops
Pre-amp outputs	3 sets for easy connection for Bi-amping
Power supply size	360 VA
Storage capacity	70,000 uF
Upgradeable	Internal CPU unit
Ready for	Electronic crossover (SAXO) DMCD technology
Upgrade path	Electronic crossover, bi-amping, MM and MC boards, DNRG external PSU, and surround boards

## B-150

Our reference integrated amp is filled with advanced solutions which all share the goal of giving you even more musicality and flexibility.

The B-150 output stage uses Densen's unique "DMCD" technology that secures an extremely firm grip on the speakers combined with a fast, precise and truly transparent sound. The B-150 is prepared for the SAXO electronic crossover, so it can be used in active amplification systems. The SAXO crossover will fit all passive speakers on the market. The DenLink / Multi-room system is fitted and prepared for controlling the lights in your living room.

The B-150 is a 2-channel product initially, but by mounting the Densen SB boards in it you get analogue 5.1 / 7.1 line input and 5.1 / 7.1 line preout. This is a very easy and sonically superior way to enter the world of home cinema or Super Audio surround. All 5.1 and/or 7.1 channels can be controlled from the Gizmo system remote, so that you can make adjustments for perfect levels and balance between the channels from your favorite listening and viewing position.

*"The analytical nature of some electronics is not always, to all people, deserving of unequivocal praise. Can Hi-Fi equipment sound both analytical and musical? Densen makes a good case for the answer being "yes". Too often in the past, there was an uncomfortable tradeoff where analyses came to mean dry, soulless separation of music into its constituent parts. All the same, this is very capable amplifier that does things integrated models very seldom do."*

**HiFi Choice March 2006**



Best integrated amp 2005  
Portugal

The B-150 received the Bronze Award in the category  
"Best Stereo Amplifier £2,000 - £5,000" **HI-FI Choice 2006**



## B-130

A unique performer, the B-130 takes the best from the B-150, and offers this at a reduced price. The output power is reduced to 2x80w in 8 ohms (2x160w in 4 ohm), but the Densen sound qualities are here in spades; the dynamic, the involvement, the passion, and the sheer musicality is on a high level, which is not found in any other amplifier at this price point.

Being one of the newest amplifiers in the Densen range, the B-130 also takes advantage of the excessive design process the B-175 has gone through. Most important though, is perhaps that the B-130 is a huge step up from the B-110, which in itself is a well respected performer.

The physical appearance of the B-130 is exactly as the B-150, though without the slots on the top of the cover for heat dissipation.

### B-130 / B-150 technical specifications

Power outputs	2 x 80 W 8 ohm / 2 x 160 W 4 ohm 2 x 100 W 8 ohm / 2 x 200 W 4 ohm
Line inputs	4 sets + 2 tape loops
Pre-amp outputs	3 sets for easy connection for Bi-amping
Power supply size	500 VA / 750 VA
Storage capacity	90,000 uF / 130,000 uF
Upgradeable	Internal CPU unit
Ready for	Electronic crossover (SAXO) DMCD technology
Upgrade path	Electronic crossover, bi-amping, MM and MC boards, DNRG external PSU, and surround boards



*Integrated amplifier B-150  
and CD-player B-420*



## B-175

The most powerful and authoritative integrated amplifier ever to come from Densen, the B-175 is a spelling tale of a project which lasted several years, and which pushed the standards for integrated amplifiers, beyond what was considered possible.

From the second your eyes catches the massive heatsinks, which originates from the legendary B-350 power amp, it is obvious the B-175 is indeed something special.

The B-175 is a clever mix of the B-350 mono block and B-250 preamp in one cabinet. Making the B-175 a stunning value for money product in the Densen range.

Naturally a few corners has been cut, to shoehorn the advanced B-250 and B-350 into one cabinet, but the overall impression is a sophisticated and advanced performer, that will give joy to its owner for many years to come.

The B-175 is versatile and contains the features needed by discerning audiophiles, as such it can be updated with an internal phono stage, an analogue surround board, and SAXO electronic cross over.

### B-175 technical specifications

Power outputs	2 x 125 W 8 ohm / 2 x 250 W 4 ohm
Line inputs	4 sets + 1tape loop
Pre-amp outputs	1 set for easy connection for Bi-amping
Power supply size	750 VA
Storage capacity	130,000 uF
Upgradeable	Internal CPU unit
Ready for	Electronic crossover (SAXO) DMCD technology
Upgrade path	Electronic crossover, bi-amping, MM and MC boards, DNRG external PSU, and surround boards



# tune

32 > tuners



## B-800 MkIII

Looking for the ultimate radio experience? We're happy to announce the launch of our first tuner. It has already won acclaim for its sensitivity, musicality, and uncompromising tribute to the airborne experiences it delivers.

The B-800 MkIII is hypersensitive and will tune in to even weak stations. Judging solely from the front panel, the B-800 appears to have very few features. But on the rear are switches for wide/narrow and tuning sensitivity, allowing you to use the B-800 as a Hoover of the airwaves. The audio stages of the B-800 are produced without compromises combining an advanced Class-A non-feedback audiostage, laser-trimmed resistors, custom-made capacitors and transformers, all this makes the B-800 sound extremely open, dynamic and detailed while retaining a sweet and engaging sound.

The B-800 MkIII now offers RDS capability and more features to further improve reception.

If you want FM to sound like your CD-player or turntable, then the B-800 MkIII is the one to go for.

*"This tuner is musical - it's as simple as that - and lives up to its manufacturer's aims of involvement and passion. Provided you have a good aerial, and a system fully able to do it justice, this is a radio you have to hear."*

### **Gramophone 2004**

*"DAB might be making all the headlines, but the Densen B-800 captures the true spirit of radio and should be seen, and heard, as one of the finest tuners on the market."*

### **What HI-FI? Sound & Vision 2004**

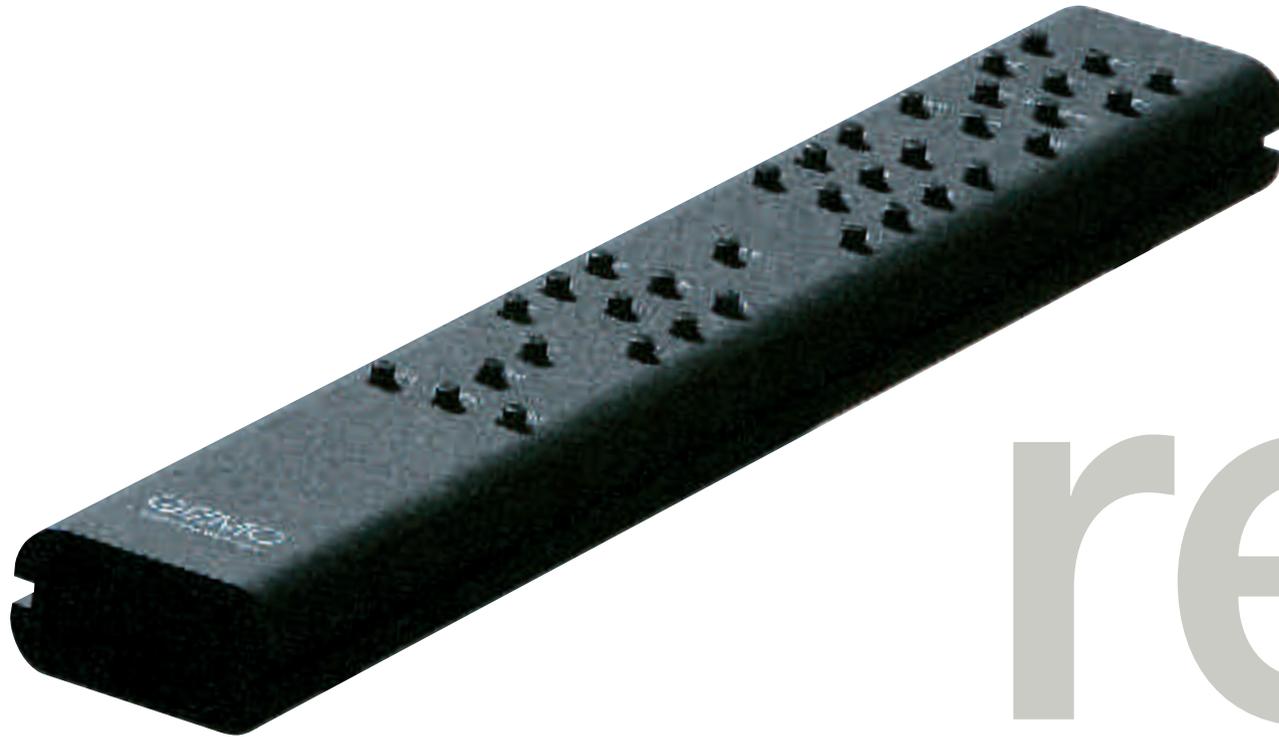
**Best analogue tuner of the year 2004, What HI-FI? Awards**



### B-800 MkIII technical specifications

Line outputs	1 set
Station presets	100
Output stage	Class A non-feedback
Storage capacity	20,000 uF
Wide/narrow switch	
Selectable sensitivity	
Upgrade path	DNRG external PSU DAB





# rem

## Gizmo

True to its no-nonsense tradition, Densen regards the remote as a separate product. We have done everything possible to design a remote that is as far removed from the traditional plastic remote as you can get. The cabinet is made of extruded aluminium, which is glass-bursted and then anodised. The shape is ergonomic and feels right in your hand. The buttons are made of hard plastic and give a precise, tactile feeling. To avoid the traditional problem of having to aim directly at the product, Gizmo transmits its commands in a special burst mode that allows it to operate the product without being aimed directly at it. To avoid fast drain on the batteries the Gizmo uses rechargeable batteries and comes complete with a charger!

# ote

*"With these sensible solutions in mind, one feels called upon to draw the imminent conclusion that this puppy of a remote control must have caused competitors to tear their hair with envy that they were not behind this piece of genius. Densen Audio Technologies' bid for a system-remote is indeed a charmer in new technological clothing, thanks to the fearless "Densenians" and their journey into the unknown future in order to find what everybody was talking about: lost user-friendliness!"*

**hiFi4all 2003**



# exp

36 > expansions & accessories



## DP-Drive

The DP-Drive is a docking station for the DP-01 MM and DP-04 MM / MC boards and comes with separate precise power regulator power supply. Regardless of the board used, the DP-Drive is a complete RIAA phono stage. Do not be fooled by the low price; it offers the best of Densen design. In one word: Musicality.

The DP-01 MM stage is for B-200 and the old Densen products DM-10, DM-20 & B-100. The DP-03 is an MM board for the B-110, B-130, B-150 & B-250. The only difference between the DP-01 and DP-03 is the physical shape, which allows them to be used with different Densen products. Despite of the modest price of these two boards, it will offer you a world class RIAA when mounted in any Densen amplifier. Due to the technical design, the DP-03 and DP-01 work with all MM cartridges on the market, and actually do so with an outstanding sound quality.

The new DP-04 and DP-06 are based on the very popular DP-02MC stage. These new designs have been redesigned and improved with even better sound circuits. The DP-02 lightbulbs have been replaced with LEDs in the sophisticated light-driven power supply, ensuring very clean power for the delicate circuits to give an extremely noise-free and musical performance from any MC or MM cartridges. The use of LEDs instead of lightbulbs brings an end to the problem of lightbulb malfunction after a couple of years. Owners of the old DP-02, can, of course, get an update to the DP-04 at a modest price. The difference between the DP-04 and DP-06 is only the shape. The DP-04 fits the DP-Drive. The DP-06 fits into the B-110, B-150 and B-250.





## DeMagic

### **Play a CD to Improve the sound of your system!**

Some years ago we discovered that a strong signal from a signal generator sent through the signal path of an amplifier had a positive effect on the sound. A year later, having experimented with complex signals, we found an algorithm of signals that gave a stunning improvement in soundstage, transparency, details, musicality and dynamics for audio systems.

The reason behind this is that the small magnets in the signal-path become, with time, orientated in one direction. This produces a detrimental effect on the signal. The DeMagic signal actually relocates the magnets, and thereby breaks the magnetic field and its negative effect on the sound.

In 1997 the University of Seoul, Korea, carried out scientific tests that definitely proved the theory behind the DeMagic signal. Today the DeMagic has been sold in more than 100,000 copies worldwide and has become a must for any serious audiophile and music lover.

It is okay to be sceptical, but once you have tried it you will not believe the effect.

The DeMagic is relatively inexpensive as well.

*"Well, after having tried the golden diskette in several systems, I have to admit that its use seems to produce audible and meaningful listening results. I have had, in fact, the feeling that the sound, at the end of the treatment, appeared cleaner and more transparent, with beneficial effects in regard to the soundstage. It seems as if a light curtain that somehow darkened the musical signal had been removed. The most evident improvement is in the higher end of the spectrum, where the sound clears, eliminating in some cases a certain feeling of granularity on the upper midrange, but beneficial effects are also appreciated on the micro-contrast and naturalness of emission."*

**TNT Audio 2001**

## DVDMagic

Densen DVDMagic is the only hi-fi accessory of its kind capable of improving your system. The DVD demagnetizes the sound system, and the difference is obvious to anybody, even those who are not Hi-Fi enthusiasts.

Basically, the DVDMagic is a DeMagic in 5.1 digital surround. You place the DVDMagic in your DVD player, set the volume to its normal level and press "play". In approximately 3 minutes your Home Cinema System will sound much clearer, dynamic, detailed and transparent than before.

DVDMagic cleans the entire signal path for the magnetism which builds up during playback. The magnetism results in Magnetically Induced Distortion (MID), which degrades the audio signal. The DVDMagic sends a series of complex algorithm signals which remove the MID through your system. It may be the single most important purchase of Hi-Fi accessories you will ever make!

*"The definition of music improved as a whole and then into details, for instance the DVDMagic was able to make bass lines in particular less flabby with superior timbral qualities, while the treble gained in resolution and control. The overall effect of the DVDMagic was a discernable improvement without stifling or highlighting any one part of the music tested. For £20 the DVDMagic is great value and highly recommended for improving sound quality and as a tool for breaking in new hi-fi."*

***HIFI World September 2005***





## SB boards

The SB boards (Surround Boards) are a revolution for new features. The SB boards are add-on boards for all integrated and pre-amplifiers (except the B-200). This is a very easy and sonically superior way to enter the world of home cinema or Super Audio systems.

All our products are supplied as dedicated 2-channel products, but with the SB boards you get analogue 5.1 and 7.1 line input and 5.1 and 7.1 line pre-out. This means that you can easily connect a DVD-player or SACD-player with 5.1 analogue out. If you have a system consisting of a pre-amp and 2-channel power-amp, the SA boards let you connect a B-340 (4-channel amplifier) and then have 6-channels (5+1) of high grade amplification.

The SB boards are available in 2 versions. The features are the same, only the sound quality differs. The SB-1 is the entry-level version, while SB-2 is the true high-end solution.



## DNRG

DNRG (say it fast, and you will know the meaning of the name) is an external power supply for use with most new Densen products. The DNRG is an affordable upgrade with a great effect. The DNRG is part of Densen's upgrade path in which it is possible to upgrade your existing system without selling any of your products.

## SAXO

At very little extra cost the SAXO takes the air-guitar factor to an even higher level. Your Hi-Fi system will never have sounded as transparent, detailed, focused, open and alive as it will with the SAXO crossover.

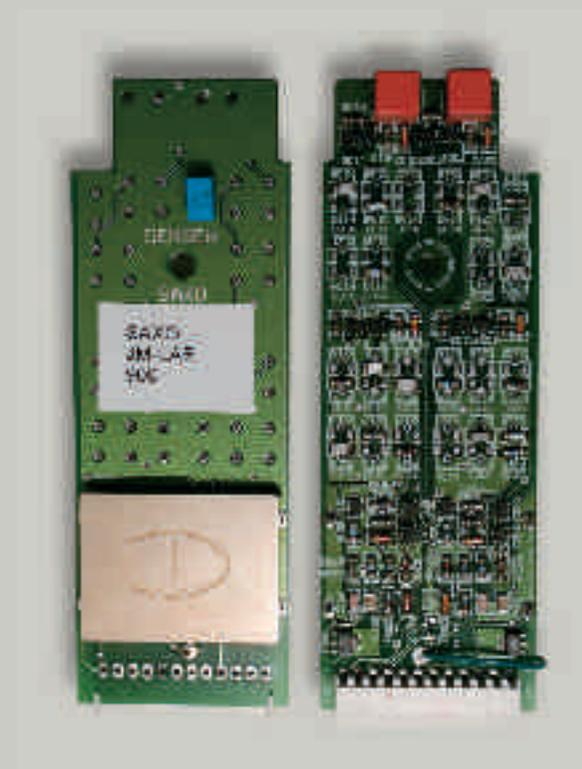
The SAXO electronic crossover bypasses the crossover in your loudspeakers to dramatically enhance the sound quality of your Hi-Fi system. The use of electronic crossover is an almost untapped resource which now is easily accessible with SAXO.

The SAXO crossover is mounted inside the power-amplifiers, so it is not visible from the outside. Furthermore you do not have to add more boxes, power supplies or cables when you expand your system with an electronic crossover.

All Densens power-amps are prepared for the SAXO (with the exception of the old DM-30). The SAXO is custom-made and hand-assembled to precisely fit your loudspeaker. There are no limitations to what loudspeakers can be used with the SAXO other than that they have to be passive.

If you later decide to upgrade your loudspeakers to another model or brand your SAXO crossover will not be obsolete. The SAXO crossover you have bought can be upgraded to fit a new type of loudspeaker.

As the SAXO crossovers are custom-made by Densen to your speakers, Densen reserves the right to refuse to make a filter if it should prove impossible. This might, for example, be the case if the speaker in question is not available for accurate measurement in Denmark.



## 42 &gt; technical specifications

<b>B-110</b>	<b>B-130</b>	<b>B-150</b>	<b>B-175</b>	<b>B-200</b>	<b>B-250</b>	<b>B-275</b>	<b>B-305</b>	<b>B-310</b>
Power output in 8 ohm 2x60W	Power output in 8 ohm 2x80w	Power output in 8 ohm 2x100W	Power output in 8 ohm 2x125w	Line & tape inputs 4 & 2	Line & tape inputs 4 & 2	Line & tape inputs 4 & 2	Power output in 8 ohm 2x60W	Power output in 8 ohm 2x80W
Power output in 4 ohm 2x120W	Power output in 4 ohm 2x160w	Power output in 4 ohm 2x200W	Power output in 4 ohm 2x250w	Preouts 4	Preouts 4	Preouts 4	Power output in 4 ohm 2x120W	Power output in 4 ohm 2x160W
Power supply size 360VA	Power supply size: 500VA	Power supply size 750VA	Power supply size 750VA	Power supply size 2x20VA	Power supply size 3x20VA	Power supply size 3 Toroid transformers each 90VA and 10 individual rectifiers	Power supply size 360VA	Power supply size 500VA
Storage capacity 70,000uF	Storage capacity: 90.000uF	Storage capacity 130,000uF	Storage capacity 120.000uF	Storage capacity 50,000uF	Storage capacity 100,000uF	Storage capacity 630.000 uF	Storage capacity 20,000uF	Storage capacity 60,000uF
Weight/shipping weight 12/14 Kg	Weight/Shipping weight 13/15 kg	Weight/shipping weight 14/16 Kg	Weight/Shipping weight 15/17 kg	Weight/shipping weight 8/9 Kg	Weight/shipping weight 9/10 Kg	Weight/shipping weight B-275 Superleggera: 5/6 kg	Weight/shipping weight 10/12 Kg	Weight/shipping weight 11/13 Kg
Dimensions (WxDxH) 444x310x64mm	2NRG Power supply: 11/12 kg	Dimensions (WxDxH) 444x310x64mm	Dimensions (WxDxH) 444x310x64mm					
						Dimensions (WxDxH) 2 cabinets each: 444x310x64mm		
<b>B-320</b>	<b>B-330</b>	<b>B-340</b>	<b>B-350</b>	<b>B-410</b>	<b>B-420</b>	<b>B-440</b>	<b>B-800 MkII</b>	
Power output in 8 ohm 2x100W	Power output in 8 ohm 2x120W	Power output in 8 ohm 4x60W	Power output in 8 ohm 1x125W	Line outputs 2	Line outputs 2	Line outputs 2	Line outputs 1	
Power output in 4 ohm 2x200W	Power output in 4 ohm 2x240W	Power output in 4 ohm 4x120W	Power output in 4 ohm 1x250W	Digital outputs 2	Digital outputs 2	Digital outputs 2	Station preset 99	
Power supply size 750VA	Power supply size 750VA	Power supply size 800VA	Power supply size 750VA	Power supply size 90VA	Power supply size 300VA	Power supply size 300VA	Seach level steps 15, 35, 75, 300 uV	
Storage capacity 90,000uF	Storage capacity 110,000uF	Storage capacity 80,000uF	Storage capacity 100,000uF	Storage capacity 40,000uF	Storage capacity 40,000uF	Storage capacity 40,000uF	Storage capacity 20,000uF	
Weight/shipping weight 12/14 Kg	Weight/shipping weight 13/15 Kg	Weight/shipping weight 11/12 Kg	Weight/shipping weight 13/15 Kg	D/A converters type 24 bit	D/A converters type 24 bit	D/A converters type 24 bit	THD + Noise @ rated output: Less than 0,03%	
Dimensions (WxDxH) 444x310x64mm	Dimensions (WxDxH) 444x310x64mm	Dimensions (WxDxH) 444x310x64mm	Dimensions (WxDxH) 444x310x64mm	Weight/shipping weight 8/9 Kg	Weight/shipping weight 9.5/10.5 Kg	Weight/shipping weight 10/11 Kg	Weight/shipping weight 7/9 Kg	
				Dimensions (WxDxH) 444x310x64mm	Dimensions (WxDxH) 444x310x64mm	Dimensions (WxDxH) 444x310x64mm	Dimensions (WxDxH) 444x310x64mm	

Densen Audio Technologies A/S  
Randersvej 32  
6700 Esbjerg  
Denmark

tel. (+45) 7518 1214

fax (+45) 7545 3938

web [www.densen.com](http://www.densen.com)

email [mail@densen.dk](mailto:mail@densen.dk)