



BOX Design by  
**Pro-Ject**  
AUDIO SYSTEMS

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# Boxing Clever



The smart way to listen to HiFi · BOX Design Products 2008

# INTRODUCTION

## BOX DESIGN PRODUCTS

In the last 18 years Pro-Ject Audio Systems have earned a worldwide reputation for their excellent, but reasonably priced turntables that have revolutionised the analogue market. Simple, but highly functional designs with high quality materials together with excellent sound quality are trademarks of Pro-Ject Audio Systems. Now we have assigned the same principles to the new Box Design series to of electronic products.

## PREMIUM COMPONENTS

All cabinets are made from die cast aluminium with brushed aluminium faceplates. No plastic is used, all units' are 100 % resonance optimised and stable. Components were selected for their audiophile properties with particular emphasis in the high-end SE-series. Computer optimised circuit boards and SMD-technology is used for best sonic quality and short signal paths. All connectors are gold plated.

## SOUND QUALITY

"Less is more" is a key factor in our manufacturing. Clever layout of circuits, short signal paths, best components and the application of progressive digital technologies makes it possible to achieve sonic qualities that you would not expect at this price level. Finally, intense listening tests are carried out for the choice of all components. Pro-Ject Box Design products have an open, airy, lifelike sound with great timbre and full detail. We feel high end audio is not only a matter of sound-pressure-level and dynamics; it is about emotion in music that becomes reality.

## EUROPEAN MANUFACTURING

To be able to implement new ideas into real life and guarantee highest possible standards in workmanship, all our products are "Made in Europe". The advantage of fabrication facilities within the European Union is evident: Reliable communication with European partners, qualified personnel and short distances are mandatory for best quality and protection of our environment.

## AMAZING LOW PRICE LEVEL

Pro-Ject Box Design products are not cheap, but because of their top-quality, they really are a bargain. Achieving such excellent price levels, we had to turn over today's expense principles of electronic products. Usually 70 % of the cost of an electronic unit (amp, CD-player etc.) is paid for the enclosure and only 30 % is then left for the components inside. We think that you should pay for the functions you actually need. That is why we produce large quantities of minimalistic casings for our equipment. We are able to reduce expenses drastically and leave 80% of the build budget for the components. A very important part of cost reduction is the omission of unnecessary features. Many of today's electronic products offer functions you have to pay for, but never actually use. With the modular concept of Box Design you only buy what you really need. That is why the customer gets more sound quality from Pro-Ject Box Design components for less money!

## WHY PRO-JECT BOX DESIGN ?

You may ask yourself why Pro-Ject, the worlds No. 1 in audiophile turntables, launches their own series of audio electronics using the latest digital technologies? The answer is obvious: it is our aim to give as many music lovers as possible the chance to get a cost saving entry to the audiophile world!

## YOU NEED TO KNOW

Heinz Lichtenegger, founder of Pro-Ject Audio Systems, was the owner of a small specialised hi-fi shop in the 1980's. The philosophy here was to get best sounding equipment from a small budget. So his customers (many of them became his friends) bought a typical set consisting of a small, but audiophile amplifier, a pair of speakers (usually stand-mounted) and an analogue turntable (incidentally performing better than recent CD-players). At the end of the 1980's prices for quality turntables practically doubled. Heinz Lichtenegger decided to manufacture his own alternative - the now legendary Pro-Ject 1 became reality. Even though many years have gone by since then, many systems of that time are still reproduce music for the pleasure of their owners.

Now the audio world has changed a lot. Computerised systems and iPods seem to dominate the audio market and knowledge about the virtues of a real hi-fi system is in short supply. But we do not surrender! Facing bad sounding radios, iPod-systems and even worse, micro-sized surround systems, Pro-Ject Audio Systems continues to fight for high audio-standards, knowing that this battle will not be won using standard sized and overpriced equipment!

## PRO-JECT ELECTRONIC PRODUCTS

... are small, smart, functional, easy to use and reasonably priced.

If you add audiophile sound quality, you will get a real Pro-Ject Audio product - a perfect match of modern lifestyle and the best music reproduction.

Pro-Ject Box Design proves to be the ideal balance between the new "iPod-Generation" and real audiophile commitment. Pro-Ject Box Design products are made for ordinary people, who look for premium audio gear that is compact and easy to use. Like in the 1980's you can form your personal high-end audio system with a few micro-sized components like Pro-Ject PRE Box, AMP Box, TUNER Box, DOCK Box and/or USB Box. Like back in the 1980's you will get a budget-priced combination for the ambitious audio enthusiast!

## ADDITION

All amplifiers and other components of the Pro-Ject Box-family come up to the highest standards in audio reproduction, therefore only high quality speakers from quality manufacturers should be considered. We strongly recommend listening tests, so that you will find the best partnering speakers. Available output power of our components should be more than sufficient for standard living rooms in combination with most quality speakers available.

If you wish, we gladly recommend dealers with the appropriate demonstration facilities!

# PREBOX · AMPBOX

## AMPBOX mono



### PREBOX · AMPBOX stereo · AMPBOX mono

PRE Box and AMP Box transfer the audio quality of Pro-Ject into electronics! With these real audiophile products we made a dream come true to attract even more people to listen to music.

A solid and economic casing forms the outer box - invented for our PHONO Box, which has sold more than 100.000 units to date. With advanced digital technology, that was not available before, a real high-end sound quality can be achieved. The heart of AMP Box is a masterpiece module of discrete electronics delivered by a small group of audio specialists, who have over 35 years of experience in audio.

Best sound staging and the finest detail and dynamics for lifelike music reproduction in your living room is the result! Compact size and audiophile sound make these components ideal for true hi-fi and also many other applications, where small components are required that do not over-heat: professional use, home-cinema or multi-room systems. Easy integration in complex systems is supported with the trigger function.

For audiophile applications, bi-amping is of special interest. Many of today's speakers offer separate connections for high and mid/bass frequencies. With two Stereo or four Mono-Amps you can achieve clear advantages in dynamics and openness by bi-amping your speakers.

Four Boxes side by side give you a standard width of 44 cm, two on top of each other add up to the height of a PHONO Box SE II or HEAD Box SE II. Like all BOX-products, faceplates are available in black or silver.



### PREBOX

#### Pre amplifier with remote control

- Two stereo line-in
- Motorized volume control
- Premium components and assembly
- SMD for short signal paths
- Gold plated connections
- Remote control for on/off, input select & volume
- 12 Volt trigger

### AMPBOX

#### Stereo power amplifier

- Bi-Phase PWM circuit (Pulse Wave Modulation)
- Discrete design for ultra dynamic playback and highest resolution
- SMD for short signal paths
- 2 x 30/20 Watts at 4/8 Ohm
- Ultra high efficiency: about 80 % of power consumption goes to power out
- Gold plated, over-sized binding posts
- Trigger-switching with loop-out

### AMPBOX mono

#### Mono power amplifier

- Features like AMP Box Stereo, with 1 x 40/28 Watts at 4/8 Ohm
- RCA-loop-out, for bi-amping a. o.

#### FEATURES for all Box-Design products:

- Solid and compact casing that protects against vibration and radiation
- Gold-plated RCA connectors
- Black or silver faceplate
- Separate powersupply (included)

# SWITCHBOX

## USBBOX

### SWITCHBOX

#### Input extension for amplifiers

[Pro-Ject Audio or others]

- Four Inputs, which means a three input expansion for PRE Box
- Ultra low crosstalk
- Two line-outputs for separate usage
- Automatic synchronisation with trigger cable of PRE Box
- Input expansion, also suitable for all other brands

### USBBOX

#### D/A converter with USB connection to get out music from PC

- Audiophile D/A conversion
- SMD for short signal paths
- Low impedance output
- Plug & Play, no additional software needed for most PC systems
- USB powered



### SWITCHBOX

Pro-Ject SWITCH Box is a cost-effective extension of a PRE Box to get 3 inputs more with additional stereo-out with least possible manipulation of the original signal. Talk-over from left to right channel at 1 kHz is better than 107 dB, frequency response is ultra flat up to 700 kHz.

Pro-Ject SWITCH Box can be controlled manually and therefore it also can be used with any other hi-fi system. Using SWITCH Box with Pro-Ject PRE Box, input switching can be performed with the remote control when a trigger cable is plugged in.

### USBBOX

USB Box is a high-class solution to transfer the music from a PC to a hi-fi system. Usually computers do not have adequate analogue or digital audio interfaces, so the USB Box manages a lossless transfer of digital data into analogue audio. This can make your PC a real hi-fi source for playback of CD or mp3.



# DOCKBOX TUNERBOX



## DOCKBOX

Makes an iPod part of an audiophile hi-fi-system. DOCK Box acts like a perfect buffer amp for the iPod and therefore lowers the distortion level significantly. After the initial amplified section the signal is transferred to the follow-up hi-fi system with impedance lower than 15 ohms. This guarantees trouble-free signal transmission. Ultra-flat frequency response and a built in volume control makes DOCK Box a delight to use without a pre amplifier driving a power amp like Pro-Ject AMP Box Stereo. The DOCK Box is best and most cost-effective way to build an audio system around your iPod.

## TUNERBOX

The Project Tuner forms a micro sized receiver system, when added to PRE Box and AMP Box. The simple and clearly arranged display makes this tuner a delight to use. With its full bodied sound every day radio listening turns into pure pleasure!



## DOCKBOX

**Docking station for iPod  
with charging capability**

- Discrete audio buffer
- SMD for short signal paths
- Audio output with impedance lower 15 Ohms
- Video output
- Flat frequency response 20Hz - 20kHz
- Fully remote controlled including volume
- Charge function (Stand-by)
- USB in & out for iTunes

## TUNERBOX

**Stereo FM Radio**

- Low noise FM tuner
- Manual and automatic station calibration
- Adaptive noise reduction
- AFC - automatic tuning
- Eight presets
- High resolution dot-matrix display
- Displays signal strength, centre of station, Stereo/Mono
- Trigger-input with loop-out

## FEATURES for all Box-Design products:

- Solid and compact casing that protects against vibration and radiation
- Gold-plated RCA connectors
- Black or silver faceplate
- Separate powersupply (included)

# PHONOBOX

## PHONOBOX II

### PHONO preamplifier (MM and MC)

- Preamplifier for MM or MC with switching on the back panel
- low noise ICs

## PHONOBOX II USB

### PHONO preamplifier (MM and MC) with USB-output to record music onto PC

- Preamplifier for MM or MC with switching on the back panel
- low noise ICs
- Analogue-out (RCA) & USB-Digital-out
- Compatible with Windows®, Mac OS® & Linux®

## PHONOBOX SE II

### PHONO preamplifier (MM and MC)

- Preamplifier for MM or MC with switches on the back panel
- Impedance switch for MC cartridges
- Capacitance switch for MM cartridges
- Double mono architecture
- Ultra low noise ICs
- SMD technology
- DC power possible (for instance with rechargeable batteries)



## PHONOBOX II

Many of today's amplifiers do not have dedicated inputs to match with signals of phono cartridges.

PHONO Box II is the solution - it can be plugged into any line input and is suitable for both MM and MC cartridges. Only top quality parts are combined in a class leading layout with audiophile sound quality at a budget price. Although there is strong competition, Pro-Ject Audio sold more than 100.000 pieces to date. This is a most convincing argument that proves the outstanding quality of this audio product.



## PHONOBOX II USB

Is based on the PHONO Box II but includes additional Burr-Brown 16-bit Sigma Delta A/D converters to digitalise the vinyl signal and transfer it to a computer. It can be used with Windows®, MacOS® and Linux® operating systems. PHONO Box II USB will be recognized automatically as a soundcard with most operating systems. There is a lot of "Low Cost" equipment on the market, but we think the listener deserves real hi-fi sound for the lowest possible price!



## PHONOBOX SE II

PHONO Box SE II is a totally new design that lifts the performance to an even higher level. A premium Chip-Set, a beefier power supply and highest grade components form this audio marvel that uses five parallel OP-amps for each channel. Using SMD-technology signal paths are reduced dramatically. The result is a maximum in sound quality and a minimised level of noise and distortion. Mini switches are used to adapt capacity, inductance and sub-sonic filtering is also included. PHONO Box SE II has a clear sonic advantage compared with Standard-PHONO Box II.

# TUBEBOX



## TUBEBOX II

Tube phono preamplifier for MM and MC that reproduces music with matchless prowess. Powerful, lifelike, passionate and highly emotional - these are attributes to describe the sound of TUBE Box II.

## TUBEBOX SE II

PHONO Box SE II and TUBE Box SE II share a very similar design concept. Only the adoption of highest grade audiophile components makes the even better performance of TUBE Box SE II possible. In TUBE Box SE II, OPA2134 IC's in the input section retain every sonic detail. A newly designed power supply and SMD technology drastically reduce noise levels. Premium ECC803S output tubes, together with direct mounted EAT Cool-dampers (cooling and damping of resonances), deliver uncompromised sound quality. TUBE Box SE II shares the same warmth and musicality of TUBE Box II, but offers more openness, subtle dynamics, with astounding level of resolution! TUBE Box SE II is a true high end bargain!



## TUBEBOX II

**Tube PHONO preamplifier (MM and MC)**

- Pre-amplifier for MM or MC with switching on the back panel
- Subsonic filter, switchable
- Double mono architecture with two double triode tubes for optimum channel separation
- Ultra low noise semiconductors

## TUBEBOX SE II

**Tube PHONO preamplifier (MM and MC)**

- Preamplifier for MM or MC with switches on the back panel
- Impedance switch for MC cartridges
- Capacitance switch for MM cartridges
- Subsonic filter switchable
- Double mono architecture
- Premium Tubes ECC-803, Golden Pin
- EAT CoolDampers - against unwanted vibration
- High End Chip Set for optimum sound
- Ultra low noise semiconductors
- SMD technology

# SPEEDBOX POWERBOX

## SPEEDBOX II\*

**Electronic speed control w. switch [33/45 rpm]  
for Pro-Ject and other turntables**

- Suitable for turntables with wall power supply (16V/AC synchronous motor)
- Quartz controlled speed, switchable between 33 and 45 rpm
- Microprocessor controlled
- For better smoothness of drive motor

## SPEEDBOX SE II\*

**Electronic speed control w. switch [33/45 rpm]  
for Pro-Ject and other turntables**

- Same features as SPEED Box II, but for 230 Volt and 16 Volt AC
- Fine adjustable motor speed in  $\pm 20$  steps
- Digit display in blue colour
- Ultra stable voltage with mains filter

## POWERBOX II

**Central power supply for units of  
the Box-family and Pro-Ject turntables**

- Up to four different units simultaneously connectable [16V/AC]
- No separate power supplies needed
- Individual power switching

### \* ADDITIONAL information for Speed-Box II & SE II:

With turntable pulley SB [accessory] used with Speed-Box II or Speed-Box SE II following models can perform 33/45/78 rpm:

RPM 5 · 1-Xpression · Debut III  
Debut SE II · Debut III Esprit



## SPEEDBOX II

**The Classical Author**

SPEED Box II is a very useful add-on for Pro-Ject turntables without electronic speed control. With a single push of a button turntable speed can be switched between 33 and 45 rpm, without touching the platter and drive belt. Additionally the quartz-controlled power with a built-in mains filter provides smoother running of the motor.



## SPEEDBOX SE II

SPEED-Box SE II offers an even better performance as an electronic speed control and is also suitable for 230 Volts driven turntables. It's advanced circuitry generates an ultra stable power that is virtually free from noise. This leads to vibration-free smoothness of turntable motors and therefore facilitates the best sound reproduction from your record player.



## POWERBOX II

As a central power supply for up-to 4 units of the Box-family and Pro-Ject turntables, POWER Box II is a practical solution with the best sonic quality. Each unit can be switched on/off individually. Instead of using four individual power supplies only One is needed to get optimised power with constant voltage including mains filter. Suitable for all Pro-Ject turntables and Box Design products, except the AMP Box and AMP Box mono.

# HEADBOX



## HEADBOX II

Most amplifiers have inferior headphone amps or do not have a headphone socket at all. HEAD Box II offers high-performance headphone amplification with volume control. It can be connected to any integrated or pre amplifier.

## HEADBOX SE II

As with PHONO Box SE sound quality was the main concern in this newly constructed HEAD Box SE. High-end components like Burr-Brown, advanced power supply circuitry and SMD technology gives the best performance with excellent audio quality. Despite the true high end sonic qualities both units are real price bargains!



## HEADBOX II

### Headphone amplifier

- Socket for one headphone with volume control
- Low noise semiconductors

## HEADBOX SE II

### Amplifier for two headphones

- Two headphone sockets with separate volume control
- Ultra low noise semiconductors from Burr-Brown
- SMD-technology for short signal paths
- Signal to noise ratio -120dB
- THD <0,0014 % THD

### FEATURES for all Box-Design products:

- Solid and compact casing that protects against vibration and radiation
- Gold-plated RCA connectors
- Black or silver faceplate
- Separate powersupply (included)

# CONNECT-it

in three quality classes

## CONNECT-it RCA C

pure OFC (oxygen free copper)

## CONNECT-it RCA CC

pure OFC (oxygen free copper) with carbon layer for better conductivity and guard for the copper leads

## CONNECT-it RCA SI

pure silver for best performance

### Common features

- 2 RCA > 2 RCA Interconnect
- Top-quality pure conductors
- European manufacturing
- Double symmetric assembly
- Low capacitance
- Efficient screening to avoid interspersion
- High quality, very flexible dielectric
- Silver plated contacts
- Available in 0.205; 0.41; 0.82; 1.23; 1.85; 2.46 and 4.92 meter lengths



## CONNECT-it Signalcables

These dedicated cables are optimised for use with turntables. This means they are very flexible and have low capacitance. Their parallel symmetric assembly and perfect screening make these cables technically accurate and result in a neutral sound without coloration.

With the exclusive application of european State-of-the-Art components for conductors and dielectric and precision craftsmanship, we supply only top-quality products. RCA-plugs were selected after intense mechanical examination and listening tests.

All available lengths were chosen for best performance regarding the specific speed of electrical signals in cables.

Our strict commitment to high quality standards make the CONNECT-it cable program the first choice for a lossless connection between for all Pro-Ject Box components.

CONNECT-it is available in different lengths.

Very short cables of 0.2 and 0.4 m avoid cable tangle with micro components like Pro-Ject Box Design.

We also offer longer versions up to 4.92 m that are of special interest for bi-amping applications where Amplifiers are mounted directly onto, or inside the speakers.

# DESIGNBOX



## DESIGNBOX 2v

Shapely designed frame (sleeve) for Box Design components.  
For two of the "small" units on top of each other or one unit of the SE series.  
Available in many colours for perfect integration of the Box Design components into your home.

## DESIGNBOX 2v | 2h

Shapely designed frame (sleeve) for Box Design components.  
Suitable for four of the "small" units - two side by side and another two on top of these, or two units of the SE-series.  
Available in many colours to suit your design requirements. For perfect integration of Pro-Ject Box Design components into your home.

Some of many possibilities:

