

ASR Audio Systeme Friedrich Schäfer

Hohe Straße 700 / 5A
D 35 745 Herborn

Telefon +49 2772 – 4 29 05

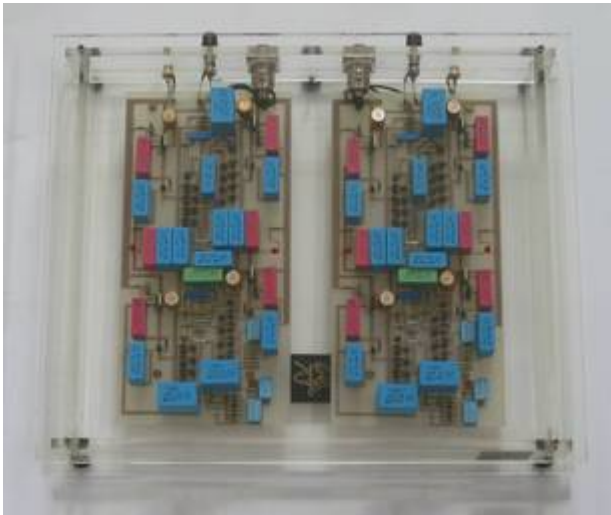
Telefax +49 2772 – 4 04 88

E-Mail asr@asradio.de

Internet www.asradio.de

The history of the ASR Basis Exclusive

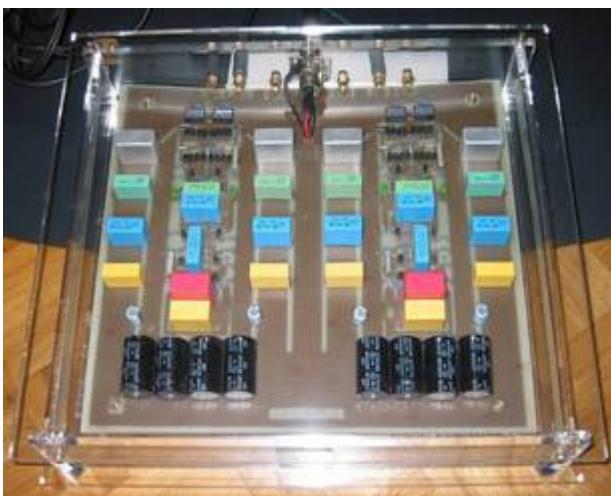
Since 1982 ASR has manufactured different versions of the battery powered phono preamplifiers called ASR Basis.



From 1982 - 1985 we have equipped the ASR Basis with two separate power supply units.

The construction was made with two same boards. For each channel one board.

At that time you already had many possibilities for the setting and adjustments.



From 1985 we have equipped the ASR Basis with one separate power supply unit with 2 pieces of 6 Volt batteries.

Now you have only one board for both channels and still the possibilities for the setting and adjustments.



In 1991 ASR presented the battery powered preamplifier Collector plus with an integrated Phono preamp. It has 2x 12 Volt batteries in the main unit and a separate charging PSU.

The ASR Collector is equipped with 6 RCA inputs. 1 Phono input for MM/MC, 5 high level inputs, 2 Tape outs and 2 outputs.



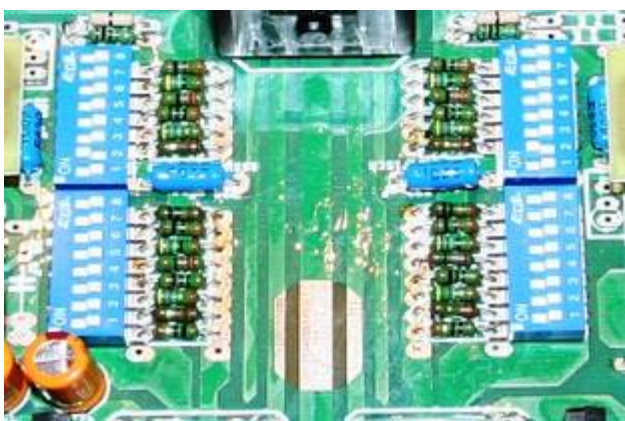
The PSU is the same like the PSU for the Basis plus. It is necessary for charging the batteries. The construction is with a special Transformer, fast high grade rectifiers and a big buffer station with 150.000µF.



The ASR Basis plus phono preamplifier from 1991 was derived from the ASR Collector and has balanced inputs.

Here the last version from 2003. The construction can be used for MM and MC cartridges.

The Basis plus has more adjustment possibilities for input impedance and gain than the older versions.



Also they have some voltage control LEDs. The first version has a smaller case with four 6V lead-acid batteries. The last version of the ASR Basis plus has a higher case with two 12V lead-acid batteries.

The production of the ASR Basis and Collector plus has been discontinued in 2003.



The ASR Basis Exclusive (in Germany called HD = high definition, what is a trademark in the USA) with separate battery power supply with two 18 Volt batteries was presented in the year 1998. Here you see the version with green motherboard and one input.

The ASR Basis Exclusive is available with two inputs. Both have the possibility for balanced and unbalanced connection. The outputs have the possibility too. Two inputs is an option for 2 cartridges.

For precision and dynamism the ASR Basis Exclusive has a buffering station with about $700.000\mu\text{F}$. The ASR Basis Exclusive is equipped with the ceramic military Chip AD843SQ serially. The ASR Basis Exclusive has a strong bass foundation, exact explaining of finely information's and with especially stable room picturing.



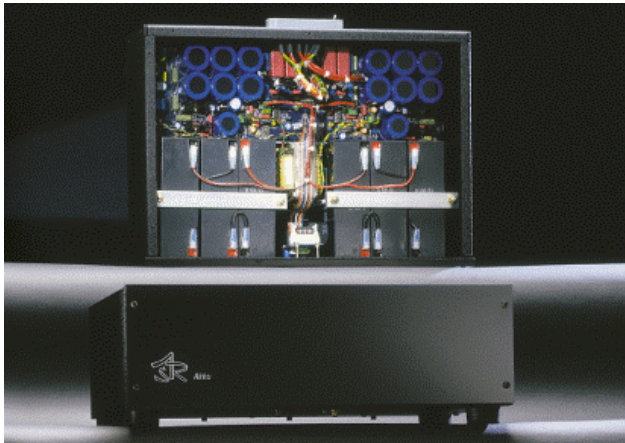
In 1999 the Basis Exclusive got a new, higher casing to have more space for the connectors. From this time all boards are coloured blue. The shown version is with two inputs. With the knob in the front you can switch from input A to input B, and from Line mode to Battery mode.

In the year 2003 the circuit board was modified. In this opportunity the construction was develops for a new input IC. As a result of the new IC a lower input impedance of $1\text{K}\Omega$ was necessary and so only MC cartridges can be used.

In the end of the year 2004 the current filter for the battery voltage in the separate ASR Battery PSU was modified. Through it the Basis Exclusive became much more dynamically! Also they got additionally control LEDs for the supply voltages.

In March 2005 the voltage control to get the supply voltage 2 volts less, moved from the ASR Basis main unit to the ASR Battery unit. This was necessary to match the supply voltage of the full batteries up to 20 volts to the demand of the IC of 18 Volts. That resulted in a better dynamic.





The ASR Basis Battery Power Supply looks the same like the ASR Battery PSU of the Emitter Exclusive, but it is a small difference in the construction of the main board. The older Version has the batteries in front and the board is behind it. The connector is a small one with 20 pins.

Since end of the year 2005 the ASR Battery unit got a complete new casing, and also the plug and the supply cable has been modified. The plug is a big Harting industrial plug with strong connectors and 16 pins.

Since April 2006 we are using a new input IC which offers even better details and lower noise floor.

The modifications like the new filter can be inserted in all models before End of 2004. The modification of the voltage can be implemented on Models from 2003 to March 2005. It makes no sense to modify older versions till 2005 with the new Power supply case. Because that means a complete new case and plug. The costs can cross 70% of the new price, so the rebuilding has no real sense.

The new ASR Battery Power Supply has got a completely new design:

Now the batteries are built in on the back wall. The main PCB board is integrated in the front of the Battery PSU directly behind the acrylic glass front.

The charging transformer is installed in horizontal position central in the equipment. This makes lower noise.

Now you can see by the window in the acrylic front all working condition by the control LEDs.

The internal wiring has become shorter.

By the new case and the more stable structure, it has smaller resonances and sounds clearly better than the previous version.

Also a reason for the better sound, are the new much better plugs and the new cable with in addition ground wires.



You may download the latest version of the manual for Basis Exclusive under:

www.asraudio.com

ASR Basis Exclusive with golden boards



Since End of 2007 we have a new version with golden boards in the main unit and the PSU. The ASR Emitter is made with the new gilt main boards since 2005.

Now also the Basis Exclusive and the Battery Power supply are made with gilt boards with transparent soldering mask.

Both boards have been completely redesigned. The wires for the voltage supply has been made stronger and the signal wires shorter.

The Battery power supply unit has got additionally LEDs for function control.

The golden boards are the optimal combination with the Teflon isolated massive silver wire. We are using this pure silver wire for all signals from the input- to output stage.



The golden boards are long time stable and have a very low contact resistance.

The sound of the new Basis Exclusive with the golden boards is more open, she has more details and a broader soundstage. This results from the combination with the relaxed and the natural sound figure, which amplifiers ASR are known for.

All ASR products are available for a long time also in completely clear acrylic material. This lends more attraction to a look in the inside of the devices substantially.

The optically symmetrically developed board sees, with her gilt wires and the clear soldering mask even higher grade.



Since April 2009 we have a new version with a new output IC and more adjustment possibilities. Because of complete redesigned construction, now you can use MM and MC cartridges.

In addition, the main unit has some additional LEDs for the functional control. The ASR Basis

Exclusive is one of the most advanced phono preamplifiers on the market. A buffering capacity



from together 1.300.000 μ F and the external battery PSU guarantees for an extremely stable and powerful clean source.

To the reassurance the output ICs has fastened a heavy brass block on his case. That gives more stability and silence in sound.

The ASR Basis Exclusive is equipped with balanced XLR and RCA input connectors.

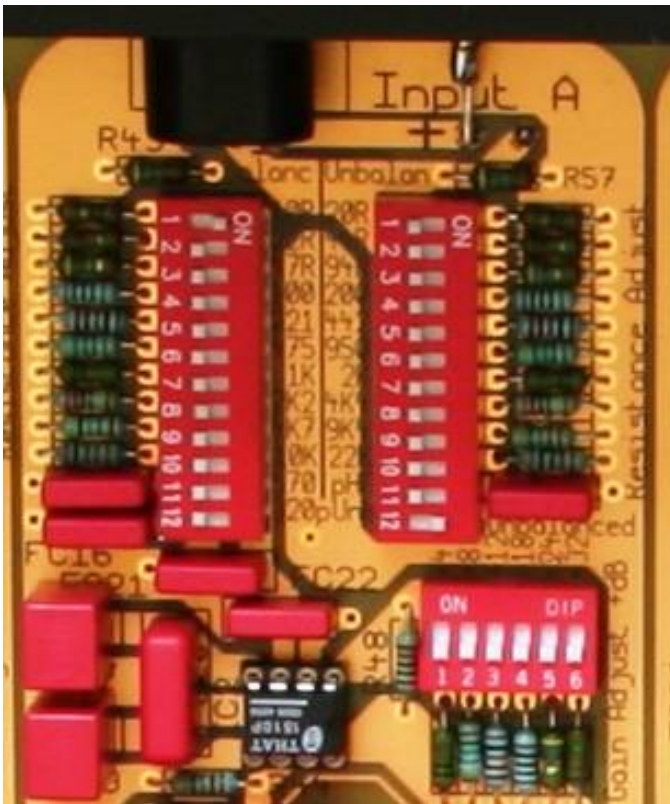
Cartridges are principle balanced sources and can be connected optimally to the ASR Basis Exclusive.

The output is also equipped with balanced XLR and RCA connectors.

The version with two inputs has two separate input stages for each channel.

Both inputs are adjustable completely independently of each other in all parameters.

Now the ASR Basis Exclusive also disposes of an automatic intercalation. A signal detection circuit switches the ASR Basis Exclusive automatically in battery mode.



For more information's please contact the guys from ASR Audio!

www.asraudio.com