



**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@asraudio.de](mailto:asr@asraudio.de)  
Internet [www.asraudio.de](http://www.asraudio.de)

## ASR Emitter II und **Emitter II Exclusive**



***The ASR Emitter II are the right amplifiers for the uncompromising Audiophilen!***

*The ASR Emitter II drive also very **complex** and demanding loudspeakers like big **flat panel speakers** and extensively built and **difficult** to drive **dynamic speakers** to their maximum tonal performances - with an ASR Emitter II the **music** unfolds in your home with their **full dynamic bandwidth** :*

***from the quietest rustle of a leaf to the strength of the full orchestra!***

*The **reproduction** remains **powerfully** until **top levels** and the **sound picture** remains **stable** - a result of the extraordinary strong voltage supply with a **separate power supply** unit per channel.*

***With an Emitter you can listen music relaxed for many hours !***

*Through the very **special construction** with regulated gain and **without preamplifier**, the ASR Emitter II has already a very **good resolution** and **sonic attack** at very low levels.*

*There ASR Emitter II is available in **two versions** : ASR Emitter II and **Emitter II Exclusive**.*

*Already the ASR Emitter II is with his full strength and through his/its impressive size an exceptional amplifier. The **ASR Emitter II Exclusive** is even more **extensively equipped** and can be compared with most of the other advanced High End amplifiers.*

*A **battery power supply** is available for the input stage as option : with the Battery the **ASR Emitter II Exclusive** gets a more **precise soundstage**, the low frequencies have more **power** and **precision**.*

## The technique of the ASR Emitter II :

- two channel amplifier in the **acrylic casing** with input selector and volume control.
- **Class A/B** technology with 20 Toshiba special **Audio-MOSFETS** with high impulse-capacity.
- **Mounting bars** of the output Transistors made from **massive brass** for low resonance.
- Volume control with **relay attenuator** in 1dB-Steps with **balance** and input level adjustment.
- **25 mm LED-Display** available in yellow or blue as operational indicator, adjustable in many ways
- 6 high-level-inputs switched with relay, plus 1 direct input, 1 record output.
- **Gold plated** massive brass **RCA-sockets** with Teflon isolation. Massive **silver-wires** for all signals.
- **large 100 amperes binding post** for cable-shoes and 4 mm banana-plugs.
- **1 plug in slot** for Phono – pre amplifier circuit board or balanced input.
- **Protection-circuits** against overload, Clipping, Short-circuit, Overheating and DC Offset.
- Circuit board with especially **strong copper**, parts of the two channels in mirror-symmetrical order.
- **2 external power supplies** with 3 PM transformers and **energy-management**, separate rectification for each of the 8 voltages with 2x **32 Schottky rectifiers**.
- Especially **stable power supply casing** of high-quality, very stable steel sheet metal.
- **Low loss** Neozed **high load fuse** built in the power supply unit.
- **stable industrial power connector** from Harting for the connection to the amplifier-part.
- Double shielded connection-cables to the amplifier-part 2m long, on wish other lengths.
- Power cable **ASR Magic cord** 150 cm with low loss 21A power connector at the power supply.
- high-quality **ASR Design remote control** made from **Corian** for all functions.

## Additionally equipment of the ASR Emitter II Exclusive

- **Military ceramic** input IC AD 843 SQ, buffering capacitors with total **886.000 uF**.
- **Balanced input** for CD with switchable **input impedance**.
- **feets** made from of **massive brass** for the amplifier unit available in chrome or gold.
- **2 Power supplies** with improved equipment for **higher performance**. The 2x 3 PM transformers are equipped with higher **magnetic flux** kernel-sheet metal, rectification with 56 Schottky rectifiers.
- A **battery power supply** for the input stage with 400.000 uF additional Buffer available as an Option.

## Data for both Emitters :

- ◆ **Frequency range** from 1 to 100.000 Hz with +/-1dB, 20-20.000 HZ +/- 0.2 dB
- ◆ **Signal to noise ratio at the line input:** > 86 dB • **Rise time:** <0,8  $\mu$ s
- ◆ **Distortions:** maximal 0,01 % • **damping factor:** greater than 1000
- ◆ **Power consumption** in Standby: 20 VA, energy mode 90 VA, full power 200 VA

## Equipment list of the different versions of the ASR Emitter II :

	Schottky Rectifier	Trafo	Sinus 8 $\Omega$	Sinus 4 $\Omega$	Sinus 2 $\Omega$	Driver IC
<b>Emitter II</b>	64 pcs	4x 500 VA	2x 250	2x 450	2x 800	AD843 BQ
<b>Emitter II Exclusive</b>	112 pcs	4x 700 VA	2x 280	2x 490	2x 900	AD843 SQ
<b>Emitter II Excl Batt</b>	112 pcs	4x 700 VA	2x 280	2x 490	2x 900	AD843 SQ
<b>Buffering capacity :</b>	<b>Input 16V</b>	<b>Driver 96V</b>	<b>Output 78V</b>	<b>Control 12V</b>	<b>Total</b>	
<b>Emitter II</b>	152.000 uF	62.000 uF	302.000 uF	70.000 uF	586.000 uF	
<b>Emitter II Exclusive</b>	152.000 uF	62.000 uF	602.000 uF	70.000 uF	886.000 uF	
<b>Emitter II Excl Batt</b>	406.000 uF	62.000 uF	602.000 uF	70.000 uF	1140.000 uF	

**Dimension and weight :** width x depth x height, depth at the power supply with plug in brackets

**Emitter I :** Main unit : 57 x 47 x 23 cm, 44 kg, 2x Power supply 46 x 32(42) x 16 cm, 32 kg

**Exclusive :** Main unit : 57 x 47 x 23 cm, 47 kg, 2x Power supply 46 x 32(42) x 16 cm, 32 kg



