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ASR Emitter II und **Emitter II Exclusive**



The ASR Emitter II is the right amplifier for the uncompromising Audiophilen!

*The ASR Emitter II drives 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.

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

Already the **ASR Emitter II** is with hiss 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 balanced (XLR) 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**

- Buffering capacitors with total **957.520 uF**, **Sub Out** with volume controlled full range output signal
- **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 **428.000 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 μ s
- ◆ **Distortions:** maximal 0,01 % • **damping factor:** greater than 1000
- ◆ **Power consumption** in Standby: 0,5 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 Ω	Sinus 4 Ω	Sinus 2 Ω	
Emitter II	64 pcs	4x 500 VA	2x 250	2x 450	2x 800	Watt
Emitter II Exclusive	112 pcs	4x 700 VA	2x 280	2x 490	2x 900	Watt
Emitter II Excl Batt	112 pcs	4x 700 VA	2x 280	2x 490	2x 900	Watt
Buffering capacity :	Input 16V	Driver 96V	Output 78V	Control 12V	Total	
Emitter II	151.680 uF	58.280 uF	403.880 uF	143.680 uF	757.520 uF	
Emitter II Exclusive	151.680 uF	58.280 uF	603.880 uF	143.680 uF	957.520 uF	
Emitter II Excl Batt	579.680 uF	58.280 uF	603.880 uF	143.680 uF	1385.520 uF	

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

Emitter II: Main unit : 57 x 47 x 23 cm, 44 kg, 2x Power supply 46 x 32(42) x 16 cm, 31 kg

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