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ASR Emitter I und **Emitter I Exclusive**



The ASR Emitter amplifiers combine two worlds in one amplifier :

The emotional sound of the Tube with the Power and Precision of the Transistor !

*Therefore the ASR Emitter are **built different** to most other common amplifiers :*

*ASR Emitters are **main-amplifiers** with input-selector and volume control – you **don't need a preamp**.*

*The **power supplies** have **separate compartments**, the input-, driver-, and output-stages have their **own supplies** each with separated rectification and generous **buffering** with **many capacitors**.*

*The **volume** is regulated with **relays**, the casings are made out of **tonally neutral acrylic**.*

With the ASR Emitter you can listen many hours totally relaxed !

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

*The ASR Emitter I is well equipped with **expensive parts** for his price and the **ideal amplifier** for a **high-quality High End** setup especially with very demanding **loudspeakers** with **critical impedance** curves.*

*With the sum of his **special technical solutions**, the ASR Emitter I is a well available part for high class High End equipment for your home.*

*The ASR Emitter I **Exclusive** is even **better equipped** and the right amplifier for the **Hifi Connoisseur**, that asks for even higher resolution of fine details and even more precise sound picture.*

*The **Dimensions** of the ASR Emitter I **Exclusive** allows a **good integration** in your living rooms.*

*All possible **improvements** of the ASR Emitter I are built-in in the ASR Emitter I **Exclusive**.*

The ASR Emitter I Exclusive has a very fast and by this “alive” Sound picture with perfect resolution of finest details. Through his extremely high speed, the Emitter reproduces the three-dimensionality of good records genuinely into your hearing-space.

The sound of the ASR Emitter I Exclusive remains relaxing and homogeneous.

With the optional battery power supply the ASR Emitter I Exclusive sounds even more relaxed - the three-dimensionality of good records become even more precise, the interpreters stand stable at certain places, finest details like the "air" around the instruments become perceptible.

The technique of the ASR Emitter I :

- Two channel amplifier in the acrylic casing with input selector and volume control.
- Class A/B technology with 12 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 60 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.
- External power supply with 3 PM transformers and energy-management, separate rectification for each of the 8 voltages with 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 cable 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 I Exclusive

- Buffering capacitors with total 606.440 uF.
- Balanced input for CD with switchable input impedance.
- Feets made from of massive brass for the amplifier unit available in chrome or gold.
- Power supply with improved equipment for higher performance. The 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: > 88 dB • Rise time: <1 μs
- ◆ Distortions: maximal 0,01 % • damping factor: greater than 600
- ◆ Power consumption in Standby: 0,5 VA, energy mode 50 VA, full power 120 VA

Equipment list of the different versions of the ASR Emitter I :

	Schottky Rectifier	Trafo	Sinus 8Ω	Sinus 4Ω	Sinus 2Ω	
Emitter I	32 pcs	2x 500 VA	2x 140	2x 250	2x 450	Watt
Emitter I Exclusive	56 pcs	2x 700 VA	2x 160	2x 290	2x 520	Watt
Emitter I Excl Batt	56 pcs	2x 700 VA	2x 160	2x 290	2x 520	Watt
Buffering capacity :	Input 16V	Driver 80V	Output 63V	Control 12V	Total	
Emitter I	85.680 uF	41.880 uF	201.200 uF	77.680 uF	406.440 uF	
Emitter I Exclusive	85.680 uF	41.880 uF	401.200 uF	77.680 uF	606.440 uF	
Emitter I Excl Akku	513.680 uF	41.880 uF	401.200 uF	77.680 uF	1003.440 uF	

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

Emitter I : Main unit : 42 x 42 x 18 cm, 19 kg, Power supply 46 x 32(42) x 16 cm, 31 kg

Exclusive : Main unit : 42 x 42 x 18 cm, 22 kg, Power supply 46 x 32(42) x 16 cm, 32 kg