

## 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 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.
- **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  $\mu$ s
- ◆ **Distortions:** maximal 0,01 % • **damping factor:** greater than 600
- ◆ **Power consumption** in Standby: 0,6 VA, energy mode 50 VA, full power 120 VA

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

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

Emitter I Exclusive Battery with silver anodized heat sinks



Emitter I Exclusive Battery with 60 Ampere binding post

