



ASR -- Concept

ASR Emitter : Emotion and strength !

Since 1980, the company ASR Audiosysteme Friedrich Schafer has attained a very successful and unique position in **high-end** market with the development and manufacture of powerful and musical **high-end amplifiers** :

The ASR EMITTER !

The goal is to combine the harmonic rich, musical sound of tube-device with precision and sovereign power output of modern transistor amplifiers.

The **EMITTER** should unfold the music aliveness, the listening room should become transparent with complete ease in finest details reproduction. Also it should remain stable in driving very low efficiency or low impedance loudspeakers with sufficient power.

These goal and consideration leads the company to unorthodox solution and concept, differ clearly from other convention amplifier construction :

The ASR EMITTER amplifier has the following special characteristic

- the construction of ASR Emitter is totally different from conventional amplifiers -- Emitter is best described technically as **power amplifier with high level input selection and volume level adjustment**.
- Emitter is equipped with large and powerful high quality *Philbert Mantelschnit* transformers, installed in separate high quality case --- this keeps the main amp unit from being disturbed by electromagnetic fields & transformer vibration.

This is one of the essential preconditions for the calm and relaxing sound spectrum reproduced by the Emitter.

- the current supply is equipped with an **enormous amount** of high grade buffering capacitors and **ultra-fast rectifier** – this makes the powersupply extremely stiff & remains stable under all listening conditions.
- the volume setting features an **ultra precision gain-control relay circuitry, adjustable in 1dB per step with a total range of 75dB**.
Channel to channel volume level deviation is less than **0.1dB** in all setting !

ASR – the ABC to understand EMITTER sound

- **extremely short signal paths** from high-speed input stage to MOSFET-driver and output stage guarantees crystal clear, precise, spatial & smooth sound characteristic.
- the main amplifier case is made from **rigid & resonance-free** acrylic glass instead of other highly resonant metal material –

*This acrylic material is **audibly more neutral & smooth sounding** than any metal material, especially it does not counter-react (electric & magnetic) with the sensitive component inside the amp unit.*

- all functions of the Emitter are fully remote controllable – by its smart looking **Corian** infrared remote control, or operated manually.

All function adjustment includes : L / R Channel balance, individual input sensitivity for each input, LED display brightness, energy-saving mode etc.

- **Energy-saving mode** (adjustable) for the Emitter is be used in low listening level, this prolongs the life span of all valuable component parts built in the Emitter.
- various **safety circuits** protects the amplifier and loudspeakers against short circuit, overheat, DC output, or excessive distortions caused by overdrive or overload.

This safety circuits are not in series with the signal paths.

- the Exclusive version of the ASR Emitters can be (optional at extra cost) equipped with **Battery Unit** – achieving a true highend state of organic music reproduction.

The Battery Unit supplies the Emitter input-stage section : this is the first gateway to ultra low signal-to-noise ratio & harmonic distortion.

The result is an exceptional homogenous, spatial & relaxing performance.

- all units are **hand-made** in Herborn, Germany, by **fully trained employee**.
- by this **concept of using just one very high quality amplifier device** between signal source and loudspeakers, this is the shortest signal path with lowest distortion and lowest coloration.

The Emitters sound much smooth, open, very detailed when compared to other conventional amplifiers, and much more stable under extreme listening conditions !

This paper has been written from our Hong Kong Importer, Jack Tsang.
We thank him very much for the good explanation of the special items of the Emitter.