

Hoellstern®

AUDIO AMPLIFIERS



Audio performance

- **Hoellstern amplifiers are synonymous for no-compromise sound:** Amazingly controlled and fast bass response. Strikingly clean, natural and three-dimensional reproduction over the entire frequency range. Voices and sound go straight upfront.
- **Superb load stability:** The outputs function irrespective of impedance values and impedance curves. Double output power with an impedance halving down to 1 ohms or 2 ohms – indispensable for a sound which is adamant in terms of ohmic loads.
- **Dynamic musicality:** Fast rise times and high output power reserves guarantee a dynamic and musical sound quality.
- **Direct:** Possibly record-breaking latencies of 0.00 ms or 0.21 ms provide maximum directness in live situations (e.g. front and monitors), with or without active DSP.

Cost effectiveness

- **Less is more:** 4 instead of 2 inputs or outputs resp. plus the load stable behaviour, which Hoellstern amplifiers are famous for, mean fewer amplifiers. This is ideal for all conceivable applications. On the 4-channel amplifier models the built-in DSP controller has also 4 (instead of 2) full-fledged inputs.
- **Reduce to the essence – reduce to profitability:** Standardising the material pool to one Hoellstern amplifier model: one size fits all! We offer three models to choose from, with and without an integrated DSP controller platform.
- **Straight power:** All amplifier models deliver an uncompromising and impressive output power between 8 kW and 15 kW. With it you can successfully handle any PA application task.
- **Independent:** Hoellstern® is not affiliated to any loudspeakers. Together with the DSP controller the unique Hoellstern setup libraries form a consistent platform for loudspeakers from all manufacturers.
- **Flexible:** The Hoellstern setup libraries are expanded free of charge and made available to all Hoellstern users.
- **Better-priced:** More compact amp racks, less wiring and fewer racks – it's money in your pocket and also ensures an easy and hence more economic transport.
- **In the long run quality pays off:** The outstanding overall quality and great flexibility result in an excellent stability of value.



Reliability

- **Quality lasts for longer:** A high-class amplifier design and top-grade components ensure a prolonged service life.
- **Advantage of site:** The development and production in Germany result in a first-class assembly and craftsmanship, which on this level would not be possible in far-off countries.
- **Little wiring:** The considerably smaller number of amplifiers required helps also reduce the necessary wiring and thus potential trouble sources.
- **Even less wiring:** With the Hoellstern setup libraries and an integrated DSP controller the necessary wiring is cut down to a minimum.
- **Safety by structure:** The clearly structured, well-documented Hoellstern setup libraries allow a dramatic reduction of potential trouble sources.
- **Safety by control:** With the optionally on-board DSP controller the output power can be reduced to a level which is required for a safe and yet musical sounding operation.

Service

- **Suiting the customer:** Competent and personal contacts who wish to present amplifier solutions with a long-term success in the interests of the customers. We from Hoellstern have specialised in amplifiers, DSP controllers and their applications.
- **Short ways:** A sincere counseling and support directly from the manufacturer is something really hard to find nowadays.

Easy handling

- **Lightweight and handy:** Lightweight and compact Hoellstern amp racks for a much easier transport and handling.
- **Modest:** The high efficiency, the sophisticated design and the oversized iCVP® power supplies allow Hoellstern amplifiers to be safely operated from an automatic 16 A fuse.
- **Solid performance based on load stability:** The sound and the acoustic control are independent of loudspeaker impedance values and impedance curves. This makes you free and opens up virtually unlimited applications.
- **Flexible:** Load stable audio channels, 4 instead of 2 channels in a 2 RU housing and the Hoellstern setup libraries give you a unique flexibility. Even if you switch to another loudspeaker brand, the Hoellstern amplifier can stay because: the engine and the gearbox of a modern PA are at home in the amplifiers.