

Stoll Custom - Know-How and engineering for your project

Custom-made electroacoustic transducer systems may become indispensable for acoustical as well as interior design needs and facts.

The efficient and field-tested product development by Stoll Audio enables individual solutions without overstraining your budget. Our flexible manufacturing will realise and build this product in due time for you. Thus we are able to answer wishes that could not, or only suboptimally, be realised with conventional methods.

Stoll Picoline – a project by *Stoll Custom* for the Swiss Parliament

In the course of renovating the Swiss Parliament Building, Stoll Audio developed and manufactured more than 40 loudspeakers (a loudspeaker column called "Picoline") for voice reproduction according to the product requirements of the Walters-Storyk Design Group (WSDG).



Final production of Stoll Picoline

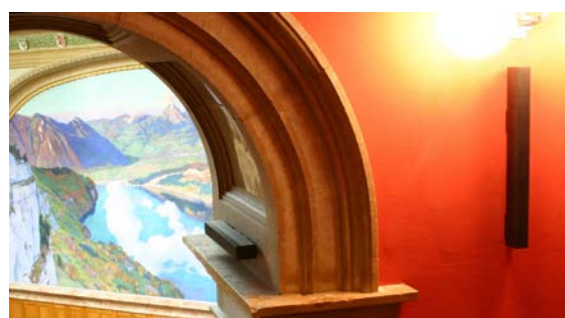
23 "Picoline 585" were made for the stage of the National Council's Hall plus 20 "Picoline 490" for the grand stand (spectators' area). Owing to the mass production of the aluminium cabinets with 40mm width, 58mm depth and 490mm or 585mm length respectively, the target of a compact design was achieved. The super low-distortion loudspeakers brought about a significant improvement of the measured Speech Transmission Index (STI).



Stoll Picoline 585 on stage (Chairman of Parliament)

Combined with subwoofers, the Picolines are also suitable for high-quality music reproduction due to their high output reserves.

Stoll Audio can customise these loudspeaker columns to your request in length as well as colour scheme and finish.



Stoll Picoline 490 on the grand stand (spectators' area)

The elaboration of the projects will take place in close co-operation with contractees, planners and architects. Stoll Audio is thereby in the position to provide precise cost information even during a dynamic development process, thus ensuring calculability and cost guarantee despite a simultaneous pursuance of several options.

The profound know-how and vast experience of a competently networked team is at your disposal for any issues. Get our professional consultation service.

Specifications of the Stoll Picoline



Stoll Picoline

Description

- Ultra compact column speaker for top-quality sound reproduction
- Selected drivers
- Excellent speech intelligibility
- Very distortion-free sound
- Also suitable for music reproduction, due to its high power reserves (can be combined with subwoofers)

Technical specifications

- Frequency response 160Hz-16kHz
- Power handling 32W programme (Picoline 490)
- Impedance 4, 16 or 64 Ohm
- Sensitivity approx. 83dB/1W/1m
- Casing made of aluminum
- Front metal grill
- Dimensions: width 40mm, height 48mm, length according to your needs
- Custom production: length / finish / connectors are made according to your specifications