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## Stoll FR 2510 Compact / Compact A

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SWISS MADE

Top Performance  
Speaker Systems



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### Description

■ **High power system** for versatile applications, also for use as a floor monitor or as a fullrange loudspeaker for medium SPL requirements. ■ **Combined with Stoll subwoofers** an extremely compact and powerful small PA system can be realised. ■ **Special driver alignment** for minimum speaker spacing for a time-coherent and homogeneous sound image. ■ **Fullrange capability** up to medium sound pressure levels due to an extremely powerful 12" woofer and perfect cabinet tuning. ■ **Very balanced, linear design** for ultimate clarity and lowest feedback susceptibility. ■ **Broad, uniform radiation pattern** with no side lobes minimises feedback susceptibility and produces an even sound dispersion with no hf energy drop. ■ **High-quality 12" and 1.4" drivers** for superb performance and low weight. ■ **Cabinet** of birch plywood, resonance-minimised through optimised interior acoustics, ensures a sound quality for demanding users. ■ **A high-grade passive crossover**, a waveguide technology high/midrange horn plus an aptly sized driver mean that a protection circuit becomes unnecessary in passive mode.

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### MAC Multiple Application Capability

The loudspeaker can be used in a variety of applications without compromising on sound quality.

### VPA Vertical Port Alignment

The bass reflex ports radiate parallel to the loudspeaker front.

### IBS Integral Baffle System

The integration of sound ducts such as e.g. horns or ports into the baffle allows a more solid and compact construction.

### SAP Switchless Active Passive

A plug-in switchless matrix with premium-quality double insulated hard gold plated blade contacts ensures a reliable active or passive operation.

### CTF Clean Treble Front

The highs can pass the front protection unhindered by a grill.

### HOT Horn Overlap Technology

The waveguides overlap with the sound ports of the direct-radiating loudspeaker.

### TCR Time Coherent Response

Through its mechanical construction the loudspeaker system produces a time coherent radiation of sound.

### QCS Quasi Coincidental Source

The spacing between the acoustic centres of the drivers are much smaller than the wavelengths of the crossover frequencies.

### TSA Tilted Stand Adaptor

The built-in flange adapter for a speaker stand allows an easy downward tilt of the loudspeaker.

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**FEATURES:** Black waterproof textured paint. Black foam front cover with rear-mounted grid. 2 x Speakon-4 parallel connectors. Switchable for 2-way active or passive operation mode. M10 flying points. Flange adapter for speaker stand with 5 degrees downward tilt. Floor tilt angle 50 degrees for wedge operation.

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## Additional information

For an extended bass range with high SPL requirements, the use of a Stoll SL 3000 or Stoll XTL 2700 is recommended.

**Stoll FR 2510 Compact A version for 2-way active drive** not equipped with active/passive switching and passive frequency crossover.

Accessories: Mounting bracket with various connections, data for active DSP operation.

## TECHNICAL SPECIFICATIONS

Frequency response:	58Hz to 20kHz +3dB-6dB 2 $\pi$
Nominal Dispersion (h x v):	100° conical from 1kHz
Sensitivity:	99dB / 2.83V / 1m 4 $\pi$
Power Handling:	400W nominal, 800W programme
Acoustic Output:	125dB longterm, over 131dB peak / 1m
Impedance:	8 $\Omega$
Dimensions:	H/W/D: 492/377/351 mm, Weight: 19,0 kg (Compact A: 17.0 kg)

Alterations of specifications without prior notice.

### ARCHITECT SPECIFICATIONS

**Frequency Response:** 58Hz to 20kHz +3dB-6dB 2 $\pi$ . **Nominal Dispersion:** 100° conical from 1kHz. **Sensitivity:** 99dB / 2.83V / 1m 4 $\pi$ . **Power Handling:** 400W nominal, 800W programme. **Acoustic Output:** 125dB longterm, over 131dB peak / 1m. **Impedance:** 8  $\Omega$ . **Dimensions:** H/W/D: 492/377/351 mm, Weight: 19,0 kg (Compact A: 17.0 kg).

Stoll  
Basel  
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[www.stoll-speakers.com](http://www.stoll-speakers.com)



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