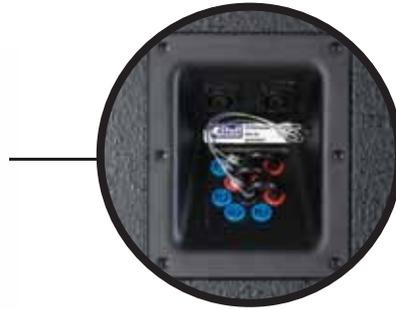

Stoll FR 2708 Standard Top



SWISS MADE

Top Performance
Speaker Systems



Description

■ **Compact two-way high power system** for PA applications from single fullrange use without DSP to top use in 4-way active mode with multiple arrays. ■ **Optimised** for use with Stoll XTL 2700 Standard Extender as extended top, also with cardioid radiation pattern and Stoll SL subwoos. ■ **Uniform radiation pattern** with 80x60 (h x v) degrees with no side lobes produces an even sound dispersion. ■ **Special driver alignment** for minimum speaker spacing for a time-coherent and homogeneous sound image. ■ **High/midrange horn** rotatable 90 degrees for horizontal operation. ■ **Top-quality 15" and 1.4" drivers** for superb performance and low weight. ■ **A multi-braced cabinet** of birch plywood, resonance-minimised through optimised interior acoustics, ensures exceptional sound quality for demanding users. ■ **High-grade passive frequency crossover** for an easy operation at a single power amplifier; the loudspeaker is switchable to two-way active mode. ■ **Enormous high/midrange power handling reserves** mean that a protection circuit with additional limiters becomes unnecessary.

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.

FEATURES: Black waterproof textured paint. 2 x Speakon-4 parallel connectors. Black foam front cover with rear-mounted grid. Built-in flange adapter for speaker stand. 11x M10 flying points for vertical or horizontal three-point suspension. Recessed metal bar handle on each side.

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Additional information

As a supplement we recommend the combination with Stoll XTL 2700 Standard Extenders, for higher output power and a more controlled low-midrange radiation between 80Hz and 400Hz.

With the Stoll XTL 2700 Standard Extender (and a specific drive) a cardioid radiation pattern may be realised below 400Hz.

We recommend Stoll SL 3000 Sublows as subwoofers.

DSP data available.

TECHNICAL SPECIFICATIONS

Frequency Response:	48Hz to 20kHz +3dB-6dB 2 π
Nominal Dispersion (h x v):	80° x 60°, horn 90° rotatable
Sensitivity:	99dB / 2.83V / 1m 4 π
Power Handling:	600W nominal, 1200W programme
Acoustic Output:	127dB longterm, over 133dB peak / 1m
Impedance:	8 Ω
Dimensions:	H/W/D: 652/498/463 mm, Weight: 33,8 kg

Alterations of specifications without prior notice.

ARCHITECT SPECIFICATIONS

Frequency Response: 48Hz to 160Hz +3dB-6dB 2 π . **Nominal Dispersion (h x v):** 80° x 60°, horn 90°. **Sensitivity:** 99dB / 2.83V / 1m 4 π . **Power Handling:** 600W nominal, 1200W programme. **Acoustic Output:** 127dB longterm, over 133dB peak / 1m. **Impedance:** 8 Ω . **Dimensions:** H/W/D: 652/498/463 mm, Weight: 33,8 kg.

Stoll
Basel
Switzerland
www.stoll-speakers.com



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