

Bass

Bottom Line

Loudspeaker Systems

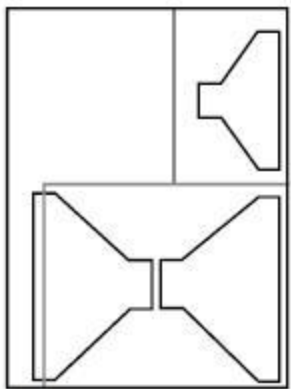
300
watts

Cab one

Design features, besides efficiency, light in weight, small in size, reproduction of a truthfull tone, have mainly been a fast attack time, low distortion and high power handling. All of this is extremely demanding and requires a lot of attention to all detail.

Cab one is a two way full range loudspeaker system. To extend the bass range we decided to apply two 10" speakers in push-pull mode. This allows a smaller cabinet size keeping the low cut-off frequency and thus allows more low end besides performing with less distortion.

Instead of a horn or tweeter, which we are not really friends of, we trusted the performance of the AER 8" twin cone extended range chassis to cover the mid and high frequency range.



Schematic sideview



2 x 10", 1 x 8" Bassreflex loudspeaker-system

Speaker-System

two-way system with vented 2 x 10" neodymium in push-pull mode plus 1 x 8"-twin-cone extended range

Power

rated power 300 W

impedance 4 ohms

frequency response 65 Hz -15 kHz

crossover 2-way, $f_c = 3.9$ kHz, 12 dB/oct.

Accessories

softcover, 1 m cable with Speakon® plug

Specifications

cabinet 18 mm (0.71") finnish birch plywood

finish water based acrylic, black spatter finish

dimensions 570 mm x 480 mm x 440 mm
(22.44"x 18.90"x 17.32"), HxWxD

weight 27 kg (59.54 lbs)



Cab one, 2x10" plus 1x8"