

TOURING Series

3 way (2 way active) high SPL horn loaded loudspeaker system

Audio-Performance SK-F

The SK-F loudspeaker system is a fully horn loaded compact cabinet made for applications where directivity and power are of importance.

The SK-F system is a processor controlled 3way design, with 2way active LO & MID/HI. The MID & HI sections use a sophisticated built-in passive crossover. The patent pending 3way design allows better performance in terms of power handling and distortion: using an 1" high frequency driver means having less distortion above 2kHz in comparison to a conventional 2" driver because of diaphragm resonance. The three drivers share the same horn, acoustically aligned at the same vertical plane producing thus an astonishing flat and smooth frequency response from 60Hz to 20kHz.

Thanks to its 9.5° trapezoidal shape and L-track rigging flying hardware the SK can easily build clusters both vertical and horizontal if higher directivity patterns and/or higher SPL levels are required.

With a cut-off frequency of 60Hz, the SK-F can be used as a stand alone full-range cabinet, or can be associated with AP800, SUB1000 or LM3-F cabinets to extend the low frequency response of the system.

A trolley is available as an option. It can be quickly secured on the front of the cabinet, allowing easy handling, effortless transport and good cabinet protection for rental or touring applications.

A heavy-duty metal grill covered with charcoal grey foam is protecting the front of the enclosure.



IDEAL FOR

Touring
Concert halls
Clubs
Discotheques
Festivals

The SK-F cabinet is ideal for
Any professional touring
Or installation application
Requiring directivity control,
Compactness and high sound
Pressure levels

Special Features

High efficiency

Medium throw

Arrayable

Compact

TOURING Series

SK-F Specifications

Acoustical with controller

frequency response (1)

60-20'000 Hz

max. peak SPL (2)

140dB

directivity H x V

45° x 50°

power handling

LO : 400W (AES) (4)

MID/Hi : 250W (AES) (4)

crossover frequencies (3)

600Hz (active) and 3kHz (passive)

Transducers

LO section

1 x 12", 8 ohms, ferrofluid cooled

horn loaded with phase plug

MID section

1 x 8", 16 ohms, ferrofluid cooled

horn loaded with phase plug

HI section

2" diaph. ND compression driver, 16 ohms

loaded with CD horn

system nominal impedance

LO section 8 ohms

MID/Hi section 16 ohms

connectors

2 x Neutrik Speakon, model NL4MP

(wired in parallel)

1+: LO + 1-: LO-

2+: MID/Hi + 2-: MID/Hi -

others

internal passive crossover

Mechanical

cabinet shape

trapezoidal (9.5°)

flying hardware

L-track, incorporated into both the front and the back of the cabinet

accessories

4x handles (top, bottom and sides)

fixing points for optional trolley

finish

black epoxy paint

front metal grill covered with charcoal grey foam

cabinet size (W x H x D)

547 x 825 x 630mm

weight

49.5 kg

truck space

0.223 m³

Options

SK-F trolley

