

TOURING Series

2 way active compact loudspeaker system

Audio-Performance SD2

The SD2 loudspeaker system is a compact high-power device designed to perform in a wide range of public address and sound reinforcement applications. It is a bi-amplified system consisting of mid-low, high frequency vented enclosure including a proprietary 12" low frequency cone driver and a 3" diaphragm high frequency driver with a 90° x 40° horn. The enclosure is black epoxy painted fitted with handles on the side and with four aircraft pan fittings. (Two on top and two on bottom). The front of the speaker is protected by a heavy duty metal grill, covered with charcoal grey foam.

The SD2 loudspeaker system is designed to operate with the ALC48 processor unit, which contains electronic crossover, speakers sense, drivers protection, amplitude and phase response alignment circuitry optimised for the loudspeakers.

The Audio-Performance controller's range allows the loudspeaker to be operated at full capacity with maximum fidelity and reliability.

The trapezoidal shape of the cabinet allows cluster designs, enabling maximum mutual coupling and single-point source arrays.



IDEAL FOR

Theatre

Motion Picture

Radio, TV

Clubs, Discos

Side Fill in large scale
Music reinforcement

Special Features

Compact

2Way Active Full Range

Electronically controlled

High SPL

TOURING Series

SD2 Specifications

Acoustical with controller

frequency response (1)

55 - 20'000 Hz \pm 3dB

max. peak SPL (2)

133dB

directivity H x V

90° x 40°

power handling

LO : 400W (AES) (4)

HI : 140W (AES) (4)

crossover frequency (3)

1250Hz

Transducers and electrical

LO section

1 x 12", long excursion, low distortion cone driver, 8 Ω ferrofluid cooled

HI section

3" diaph. compression driver, 8 Ω ferrofluid cooled, loaded with CD horn

connectors

2 x Neutrik Speakon, model NL4MP

parallel wired

1+: LO+ 1-: LO-

2+: HI+ 2-: HI-

Mechanical

cabinet shape

trapezoidal (7.5°)

flying hardware

4 x aircraft pan fittings (2 on top, 2 on bottom)

accessories

2 x handles (side)

35mm tube stand adapter

finish

black epoxy painted

front metal grill covered with charcoal grey foam

cabinet size (W x H x D)

400 x 600 x 365 mm

weight

29kg

Options

AP range of subwoofer

