

CDS-218 NEPTUNE

APPLICATIONS

Auditorium Sound Reinforcement	House of Worship Installations
Sports Facilities	Theatrical Sound Installations
Audio-Visual Systems	Nightclub Installations
Portable Sound Reinforcement	Low Frequency Special Effects

DESCRIPTION

The CDS-218 is a very high output low frequency loudspeaker system designed to provide high output and high fidelity extended low frequency audio reproduction. The CDS-218 incorporates our proprietary tuned, damped, OPTM clam shell alignment, providing greater output and low distortion. Artifacts and vent turbulence, even at extreme levels, are reduced. This makes the CDS-218 an ideal choice for super high level systems requiring stability and reliability under the most demanding long term use. Designed for portable or installation use, the CDS-218 is constructed from 18mm Baltic birch plywood and features a durable and attractive black Ro Tex™ finish, durable steel grille, integral handles and casters.



SPECIFICATIONS

System Type

Vented

Input Connector

Dual Neutrik® speakON

Low Frequency Limit

32 Hz (-10 dB)

Dimensions

22" h x 46" w x 36" d
56 cm x 117 cm x 91 cm

Enclosure

18 mm 13-ply birch plywood

Internal Amplification

Optional self powered

Power Handling

2400 W continuous (AES) 4800 W program

Weight

248.5 lbs
113 kg

Finish

Black Ro Tex™ true water born environmental finish

Hardware

8 - Machined aluminum speaker mounting clamps

Recommended Amplifier Power

2400 to 4800 W at rated impedance

Custom Finishes

Optional custom finishes include white, unfinished ready to paint and outdoor weather treatment.

Grille

14 Gauge black powder coated perforated steel

Crossover Type

Requires DSP

Rated Impedance

4 ohms

Polarity

A positive asymmetrical signal applied to the + terminal will result in a positive asymmetrical acoustical pressure

Low Frequency Components

2 - E-18C Transducers, 18" Cones, 4" Voice coil

Sensitivity

103 dB SPL (2.83 V @ 1 m)

Frequency Response

44 Hz – 150 Hz

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CDS-218 NEPTUNE

ABOUT OUR RO TEX™ FINISH

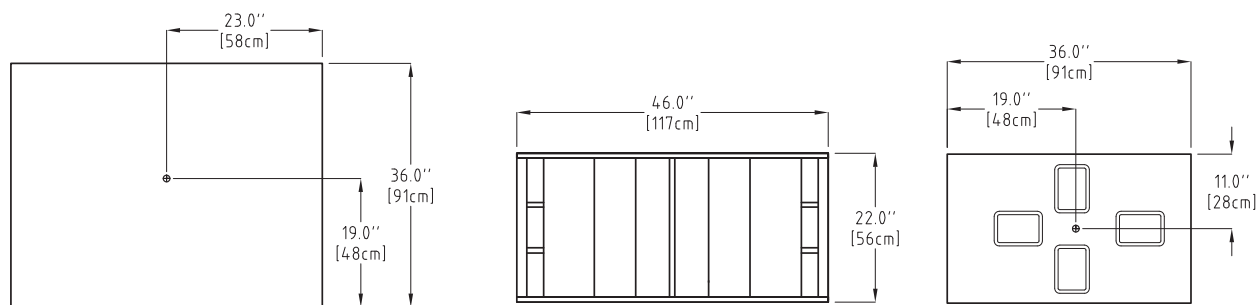
The durable Ro Tex™ finish is found on Bag End™ "R" series or Road cabinets. Ro Tex™ is a water base, environmentally safe finish that is made in Europe and is uniquely strong and long lasting. As it solidifies and attaches to the wooden cabinet it bonds with the wood to make a super hard permanent finish. It is lightly textured offering both an attractive and rugged finish.

ABOUT BAG END® LOUDSPEAKERS

Bag End loudspeakers began in 1976 in a small shop by people dedicated to the pursuit of making high quality loudspeaker systems. Over the decades Bag End® has employed the very best construction techniques and innovative acoustical designs into their products. The ground breaking introductions of the Time-Align® and ELF™ Technologies into sound reinforcement and studio monitor loudspeakers in the 1980's was followed by Minima One™ self-powered systems and the highly unique E-Trap™, electronic bass trap. Over the decades, Bag End® has been a leader in providing uniquely good sounding products and extraordinary service to our customers world wide.



DIMENSIONS



⊕ = Center of Gravity ○ = M10 Threaded Rigging Point