

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



SPECIFICATIONS

System Type:

Vented

Input Connector:

Dual Neutrik® speakON

Low Frequency Limit:

34 Hz (-10 dB)

Dimensions:

25.5" h x 20" w x 30" d
65 cm x 50 cm x 76 cm

Enclosure:

18 mm 13-ply birch plywood

Internal Amplification:

Optional self powered

Power Handling:

1200 W continuous (AES) 2400 W program

Weight:

108 lbs
49 kg

Finish:

Black Ro Tex™ true water born environmental finish

Hardware:

Optional fly points available

Recommended Amplifier Power:

1200 to 2400 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 low pass

Rated Impedance:

8 ohms

Polarity:

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

Low Frequency Components:

E-18C Transducers, 18" Cone, 4" Voice coil

Sensitivity:

95 dB SPL (2.83 V @ 1 m)

Frequency Response:

40 Hz - 200 Hz

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ABOUT OUR RO TEX™ FINISH

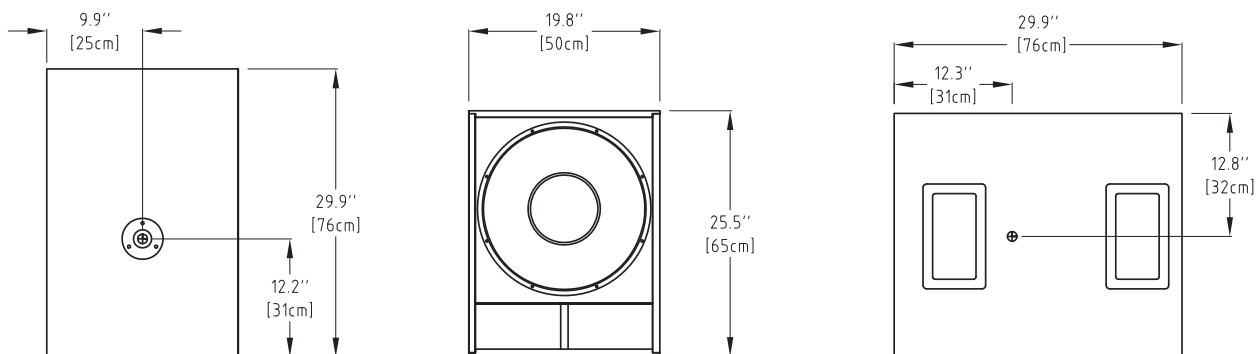
The durable Ro Tex™ finish is found on Bag End™ "R" series or Road cabinets. Ro Tex™ is a water base, environmentally safe finish that is made in Europe and is uniquely strong and long lasting. As it solidifies and attaches to the wooden cabinet it bonds with the wood to make a super hard permanent finish.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

