

# 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

### Enclosure:

18 mm 13-ply birch plywood

### Finish:

Black Ro Tex™ True water born environmental finish

### Grille:

14 Gauge black powder coated perforated steel

### Low Frequency Components:

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

### Input Connector:

Dual Neutrik® speakON

### Hardware:

8 - Machined aluminum speaker mounting clamps  
Optional Fly points available

### Crossover Type:

Requires DSP

### Sensitivity:

103 dB SPL (2.83 V @ 1m)

### Frequency Response:

44 Hz – 150 Hz

### Low Frequency Limit:

32 Hz (-10dB)

### Power Handling:

2400 W continuous (AES) 4800 W program

### Recommended Amplifier Power:

2400 to 4800 W at rated impedance

### Rated Impedance:

4 Ohms

### Polarity:

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

### Dimensions:

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

### Weight:

248.5 lbs  
113 kg

### Custom Finishes:

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

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## ABOUT OUR RO TEX™ FINISH

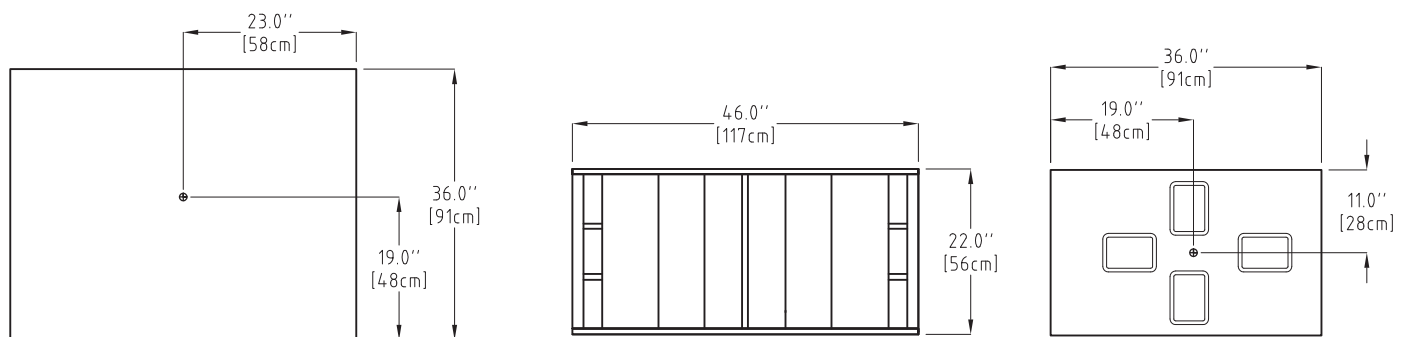
The durable Ro Tex™ finish is double layered on Bag End™ "R" series or Road cabinets. And single layered on installation or "I" cabinets. Ro Tex™ is a water born environmentally safe finish. It's uniquely strong and long lasting. As it solidifies it attaches and bonds to the wooden cabinet to make a super hard and durable permanent finish. Its light texture offers an attractive and rugged finished look

## 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    o = M10 Threaded Rigging Point