



# Coliseum CU15

15-inch Passive Loudspeaker Cabinet

## Features:

- ▷ **800 Watt Passive Loudspeaker Cabinet**
- ▷ **Unique 60° x 60° Unity™ Horn Assembly**
- ▷ **15-inch Neodymium Woofer with 3-inch Voicecoil.**
- ▷ *Unity™ horn combines mid and high frequency drivers on one conical horn.*
- ▷ *All four component drivers mounted in a Unity™ horn are mechanically time-aligned and act like a single point source.*
- ▷ *No self-interference occurs between individual loudspeaker components.*
- ▷ *Nine rigging points and internal standmount adapter allow for all possible mounting and flying configurations.*
- ▷ *15mm 11-ply birch cabinet construction.*
- ▷ *Two-year unconditional warranty\**

*\*Warranty valid in Canada and the United States only*



## Overview:

Engineered for the serious pro audio user, the CU15 is among the most advanced, most versatile and most efficient high-powered compact PA cabinet available in the market today. The unparalleled clarity and precision of the patented Unity™ Summation Aperture conical horn when combined with the single 15-inch Neodymium woofer deliver extreme intelligibility and performance unmatched by any competitive loudspeaker in this class.

The compact footprint and relative light weight of the CU15 easily makes it a first choice for front-of-house applications, drum monitor, side fill, front and down fill or virtually any situation where a professional quality sound reinforcement system is required.

The sonic clarity and smooth frequency response also makes the CU15 a great PA cabinet for high volume recorded music playback applications. With pre-recorded music the CU15 has the hi-fidelity to put it on par with some of the best studio reference monitors. But unlike traditional studio reference monitors, the CU15 is capable of putting out extremely high sound pressure levels from its high-efficiency 800-watt, 4 ohm format.

The CU15 can be easily driven as a bi-amplified loudspeaker by way of a switch on the rear jack plate, and used with any Unity or elite series subwoofer for extended low frequency support. The UP15 Unity™ processor, designed specifically to optimize the sonic characteristics of the CU15 has also been developed to ensure trouble free, "plug-and-play" full range or Bi-amp operation with or without a subwoofer.

The cabinet's trapezoidal shape was designed with multi-box, tight pack arraying in mind. Due to the nature of the conical horn, the polar pattern remains quite constant regardless of any vertical, or off axis rotation put upon it. It acts the same on all vertical axis, making it ideal for use upright or on its' side, without the need to ever rotate the horn.

The Unity CU15 is made with solid 15mm 11-ply birch plywood cabinet construction and has heavy gauge perforated metal grille to protect the components. Integrated bar handles and standmount adaptor makes it an ideal cabinet for highly mobile front-of house applications where quick and easy set-up and tear down is required. The Coliseum CU15 enclosure has been redesigned specifically for the installation market. Unlike the Unity™ U15, the touring version of this cabinet, the CU15 enclosure is covered in an unobtrusive white paintable finish, and it has been stripped of extraneous touring hardware not required on an installation loudspeaker box.

The CU15 has been further reinforced for installation and has seventeen integrated flypoints on the enclosure, making it extremely easy to install on any angle, hung as a single cabinet or in any array.

*\*CU15FH Flyware kit available.*

### Coliseum Series Specifications:

Model	CU15
SYSTEM TYPE	Passive 3-Way
BIAMPABLE	YES
PROGRAM POWER (watts)	800
PROGRAM BI-AMP POWER (watts)	800 LF / 200 HF
IMPEDANCE (ohms)	4
FREQ. RESPONSE (Hz +/- 3dB)	50 - 20000
SENSITIVITY (dB@1W/1m)	98
MAXIMUM SPL (dB)	127
X-OVER FREQUENCY (Hz)	300 / 1250
DRIVER CONFIGURATION	15" / 3 x 5" / 1 x 1.75"
LF DRIVER(S)	15" Neodymium / 3" Voicecoil
MF DRIVER(S)	3 X 5" / 1" voice coil
HF DRIVER(S)	1.75" polyester
HIGH / MID HORN CONFIGURATION	Conical Unity™ Horn
HIGH / MID HORN DISPERSION (H° x V°)	60 x 60 Waveguide
HF HORN THROAT DIAMETER	1"
HF PROTECTION	PTC™
CONSTRUCTION	15mm 11-ply Birch
GRILLE	Perforated Metal
STOCK FINISH	White painted
INPUTS (1/4" / Speakon™)	2 / 2
FLYWARE TYPE / QUANTITY	3/8" / 17
FLYWARE LOCATIONS	All corners / sides and pullback
OPTIONAL ACCESSORIES	Unity™ UP15 Processor
DIMENSIONS (DxWtxHxBW inches)	16.25 x 19.25 x 34 x 9.5
DIMENSIONS (DxWtxHxBW cm)	42 x 49 x 87 x 24
WEIGHT (lbs / kg)	80 / 36

*Specifications subject to change without notice.*