

CX15S 2-way co-axial loudspeaker

FEATURES

The PULZ® **Cx15S** loudspeaker enclosure provides a versatile system that is designed for high quality distributed sound reinforcement or high performance stage monitoring. Using true point source coaxial technology, the **Cx15S** features advanced components in a flexible, multipurpose format that is suitable for either touring or fixed installation. The **Cx15S** is a passive 2-way loudspeaker enclosure containing a 1.4" exit compression driver assembled in a coaxial configuration along with a 15" neodymium audio loudspeaker providing a conical 90° opening.

Further advantages of the coaxial approach include: single point source radiation, total wavefront coherency at all frequencies and superimposed LF/HF dispersion characteristics that are free of polar lobing effects typical of traditional horn and woofer combinations. The net result is natural, studio monitor level sound quality that is ideal for proximity use.

The new MVC, multivalent convection technology, allows the **Cx15S** to handle its nominal full power capacity in any working position.

- natural sound reproduction
- full power handling in any position thanks to MVC technology
- sophisticated electronic built in protection
- high power
- point source radiation
- full range of mounting and flying accessories

APPLICATIONS

High power touring, installed PA for clubs, A/V, theatre, broadcast, high quality and high SPL stage monitoring, etc, are the application field of **Cx15S**.

The design and the great additional options for the **Cx15S**, provide this speaker a simple and easy installation : One can put it on the floor, install it on a stand or fly it. Walls and ceilings are in its range of installation thanks to its optional lyre brackets. As a main F.O.H the **Cx15S** is meant for vocal applications, stage monitor or distributed sound. For music requirement, a dedicated optional processor is provided in order to optimise the speaker response. Combined with PULZ® subwoofers, the **Cx15S** allows to create compact and powerful systems suitable for all indoor or outdoor configuration.

The **Cx15S** is a high power version of **Cx15** and increase the SPL limit while keeping the same hi quality sound.

The enclosure comprises a 45° angle side for stage monitor application and include two 35mm built in stand fitting as well as a steel bar handle and two wood integrated handles.



cx 15s | SPECIFICATIONS

features

Frequency range without processor (± 3 dB)
Sensitivity @1W 1m, $f > 80$ Hz
Maximum continuous level at 1m, $f > 80$ Hz
Peak level at 1m, $f > 65$ Hz
Nominal directivity @-6dB

Low Section

65 Hz to 1000 Hz
100 dB SPL
129 dB SPL
135 dB SPL
90° conical

High Section

1000 Hz to 19 kHz
100 dB SPL
129 dB SPL
133 dB SPL
90° conical

components

Transducers

1 x 15" weatherproof neodymium loudspeaker

1 x 1.4" HF driver coaxially mounted

Type of load

Bass reflex

Conical Horn

power

Recommended amps

500 to 1200 W into 8 Ohms

Peak

2000 W

AES

800 W

construction & characteristics

Cabinet

15mm plywood with internal reinforcements

Crossover

Air core inductors, MKP capacitors, wirewound resistors

Circuit protection

Active internal compressor limiter circuit

Finish

Gray, impact resistant structured coating

Protection grill

Acoustically transparent perforated steel, 1.5mm thick

Grill back-up

Black, woven, heavy duty fabric

Connectors

2 x SPEAKON NLM4P

Handles

1 x built-in steel bar, 2 wood integrated handles

Mounting on stand

2 x 35 mm built in stand fitting

Dimensions (H x W x D)

26.5" x 17" x 16" (670 x 430 x 403 mm)

Net unit weight

30 kg

Gross weight, packed

36 kg

directivity

0°,10°,20°,30°,40°,50°,60°,70°,80°,90°. Average H x V

