



CX-10

Flyable Two-Way Loudspeaker System

General

Often times extended range high spl speaker systems are needed where there is neither space or budget for them. (Low ceiling churches, nightclubs, restaurants, etc.) The OAP Audio CX-10 fills this need by incorporating a 10" coaxial speaker in a properly tuned enclosure measuring only 14" H x 15.625"W x 13" D and weighing only 32 lbs. Frequency response is 50 Hz to 16 KHz with power handling of 250 watts continuous. The high frequency device uses a titanium diaphragm and has a dispersion of 100° conical. The 10" woofer utilizes a 2" voice coil on a kapton former. A 12db per octave passive crossover network is provided for frequency division. The CX-10 is constructed of 3/4" birch plywood. There are several user selectable enclosure and grill cloth colors available. (See decor matching section.)

Decor Matching

The CX-10 offers the installer a choice of colors for side panels and grill cloth. Side panel options include white, black, light oak, pecan, and mahogany. Grill cloth options include white, black, wheat, and agate. Because the CX-10 is constructed of birch plywood, it can be supplied with a smooth sanded finish for staining or painting. Color Samples are available from the factory.

FLYING OPERATION:

Warning! The rigging and suspension of the CX-10 should be done only by persons who are familiar with standard rigging practices. If you are not familiar with these practices, please consult the factory, your dealer, the local stage hands union, or a rigging supply company in your area.

The CX-10 is provided with three 1/4" 20 thread T-nuts in the top of the enclosure and one located on the back of the cabinet. Suspension of the CX-10 can be accomplished by installing three 1/4" 20 thread forged I-bolts into these T-nuts. (**Warning!** Do not use any type I-bolts other than forged steel.) Available through hardware stores, industrial supply houses or professional rigging suppliers.

OAP Audio C-Series loudspeakers are guaranteed against failure due to workmanship and materials for a period of five (5) years from the date of purchase and is limited to original purchaser. If such failure does occur, unit will be replaced or repaired (at the discretion of OAP Audio) without charge for labor or materials. Unit must be delivered to OAP Audio or one of its authorized service facilities prepaid. In warranty items will be returned prepaid. Items not covered by warranty includes finish or appearance items, burned coils, or failure due to operation under other than specified conditions. This warranty also does not include any incidental or consequential damages. Repair by other than OAP Audio or an authorized service facility will void this warranty.

Architectural Specifications

The loudspeaker shall be of the two-way type. The sides of the enclosure shall have a 15° taper forming a trapezoidal shape to

facilitate tight arrays of multiple enclosures. The 10" woofer shall have a 2" voice coil for low frequency reproduction. The coaxially mounted high frequency driver shall be of the compression type and use a titanium diaphragm. The coaxial transducer shall have a dispersion pattern of 100° conical. The loudspeaker shall be provided with a full section (L/C type) passive network. Standard Input connection to the system shall be via barrier strip or 1/4" phone jack. The loudspeaker system shall have a frequency response of 50 Hz. to 16 KHz. and a power handling capability of 250 watts continuous. The loudspeaker system shall be the OAP Audio Products CX-10.

NOTE: As a research and development corporation, OAP Audio reserves the right to change specifications to improve performance.

CX-10 Specifications

Impedance	8 ohms
Sensitivity	93.2 dB 1 watt @ 1 meter
Frequency Response	50 Hz to 16 KHz +3/-6db
Power Handling	250 watts continuous program
Size	14" H x 15.625" W x 13" D
Weight	32 lbs.
Finish	User selectable (see decor matching)
Low frequency device	10" woofer with 2" VC
High frequency driver	1" exit, 2" VC with titanium diaphragm
Input	Terminal Block Red +/Black -

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