



Q-1200 LS

Q Series

Q-1200 Low Frequency Speaker Group

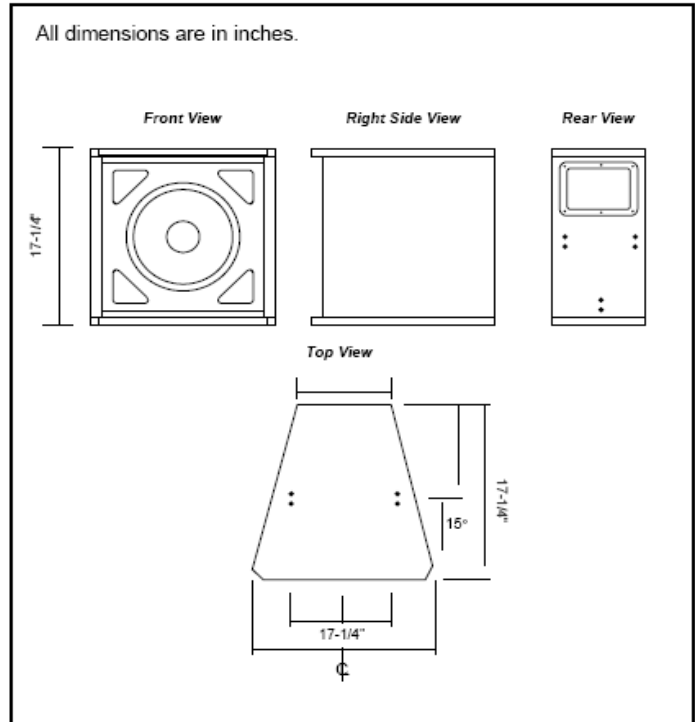


The Q-1200 is a trapezoid shaped low frequency speaker sub-system designed for flying operation. The LS suffix on the Q-1200 denotes the model uses the standard OAP 12" speaker. To achieve high reliability, 14 gauge wire is used throughout. To insure enclosure stability 3/4" birch plywood is used with all interconnecting surfaces extensively braced and glued. Being primarily an indoor cabinet, the Q-1200 uses a fire retardant cloth grill for both aesthetic and acoustical purposes. Standard finish is black textured paint, with white or unfinished as an option. Like all other OAP Loudspeaker systems, the Q-1200 models come with a five year warranty.

The Q-1200 models should be used when a low frequency speaker is needed in conjunction with other OAP Q-Series speakers for additional low-frequency response. The cabinet is dimensionally matched with other Q-series speakers such as the Q-1200 Co-Axial models and the Q-120 horns allowing aesthetically pleasing arrays in various cluster configurations. The speaker comes standard with a terminal strip input plate. Parallel NL4 connectors are optional. The Red and Black wires on the Terminal Block are the inputs. Pin 1+ and Pin 1- on the NL4 are in parallel. Pin 2+ and Pin 2- are unused. The Q-1200 is easily flyable via seven fly points. There are two points on the top, two points on the bottom, and three points on the back facilitating cluster configuration rigging. The Q-1200 has two 1/4" 28-thread inserts installed at each of the seven points for use with the optional flying hardware or the optional external flying brackets. A flying hardware kit, model FHK is available and includes one flying hardware plate model FHP, one flying hardware tie-down model FHT, and two 1/4" 28-thread machine screws. The model FHP and FHT, as well as the screws also are available separately. The tie-down has a round ring with an inside dimension of 1.12" which can be used with most standard rigging hardware. You must use at least two FHK to safely suspend the Q-1200. Using the optional fly brackets, two or more Q-1200 cabinets may be connected. Attachment to the fly bracket can be made with either a Forged I-Bolt (FIB's), an FHK, or a shackle directly to the fly bracket itself. Q-series bracketry that can be used with this product are: Flying Bracket, Angle Bracket, Telescoping Bracket, Directional Bracket, or an Anchor Bracket. (For further detail see Bracketry spec sheet).

WARNING!!!! RIGGING AND FLYING OF THE Q-1200 SHOULD BE DONE BY PERSONS 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.

WARRANTY: OAP Audio Q-Series loudspeaker systems are guaranteed against failure due to workmanship and materials for a period of five (5) years from 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 and materials. Unit must be delivered to OAP Audio or one of our authorized service facilities prepaid. In warranty items will be returned prepaid. Items not covered by warranty includes finish or appearance items, 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 guarantee.

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

Rev. G (05/13)

Q-1200 LS Specifications

Impedance	8 ohm
Low Frequency Device	12" dia. w/ 2.5" edgewound voice coil
Frequency Response	+3db/-6db 50Hz to 1000Hz, +/-3db 60Hz to 1000Hz
Power Handling	300 watts continuous program
Sensitivity	95.4db 1watt @ 1 meter averaged between 125Hz and 1000Hz (note #1)
Dimensions	17.375"W X 17.25"H X 17.25"D
Weight	52lbs.
Taper	15°
Flypoints	7-2 on Top, 2 on Bottom, and 3 on Back
Color	Black, White, and unfinished
Grill Cloth	Black, White, Wheat, and Pumice
Inputs	Terminal strip standard, NL4optional

ARCHITECTURAL SPECIFICATIONS The loudspeaker shall be of the low frequency type and a trapezoid shape (15° taper). The LS model loudspeaker shall incorporate the standard OAP 12" low frequency transducer with a 2.5" edgewound voice coil. The LS system shall have a frequency range of 50Hz to 1000Hz, a sensitivity of 95.4db at 1 watt/1 meter. The Q-1200 cabinet shall be constructed of 3/4 inch birch plywood and stiffened internally. All exposed corners shall be rounded for damage resistance. The seven Fly-points shall be fitted with 1/4 inch 28 thread inserts to be used with optional aircraft type rigging fittings or the external Q-series bracketry. The top and bottom of the cabinet shall be 3/4 inches thick. The top and bottom shall be reinforced with steel plates and connected together with 1/4 inch threaded rod to facilitate being able to rig one enclosure to another. The loudspeaker shall be the OAP model Q-1200 LS.