

L1® Model II portable line array system



Key Features

- **High-performing**, powered, portable two-way loudspeaker system with a 195° H x ° omni al dispersio desi ed or the produ tio a d reprodu tio o li e musi , musi playba k, spee hes a d sou d reprodu tio
- **24-driver articulated line array** loudspeaker te h olo y produ es wide, u iorm sou d o era e throu hout the e tire liste i a a e e o to the extreme sides
- **Consistent front-to-back coverage**, dri ers mou ted i a arti al li e array produ e little drop i sou d pressure le el per doubl i dista e tha a o e tio al poi t sour e
- **Retractable** oldi le me ha ism or easy tra sport
- **Lightweight**, i terlo ki ompo e ts
- **Expandable** bass desi supports the use o multiple 1 bass modules or a si le bass module
- **Digital Ethercon** port pro ides si le-wire o e ti ty or the 1 o e at h audio e i e



Product Overview

The L1 Model II is our most advanced system for audiences up to 5,000, featuring a 24-speaker articulated line array to provide our best total balance and coverage, and highest output.

Technical Specifications

System Performance

||

Amplification

Transducers

Channel

Additional Connections

L1[®] Model II

portable line array system



Physical

H

Voltages

--

Footnotes:

- 1 re ue y respo se a d ra e measured o -axis with re omme ded a ti e i a a e hoi e iro me t
- 2 aximum al ulated rom se siti ity a d power ha dli spe i i atio s, ex lusi e o power ompressio

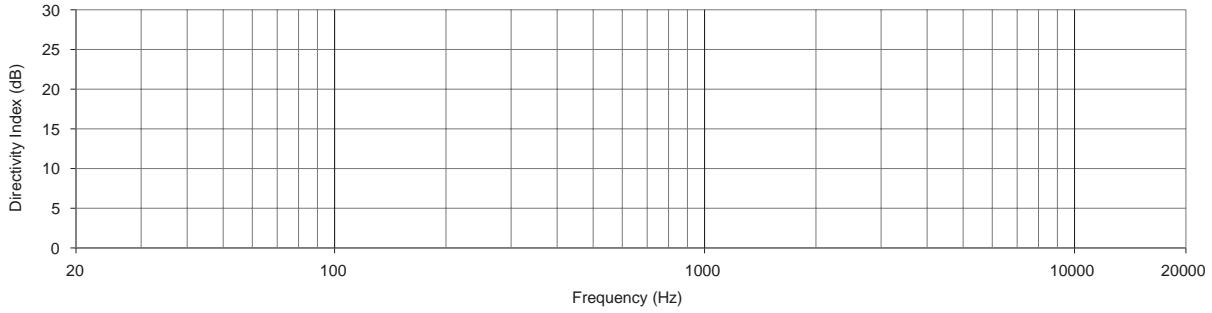
H

L1[®] Model II

portable line array system



Directivity Index and Q



H

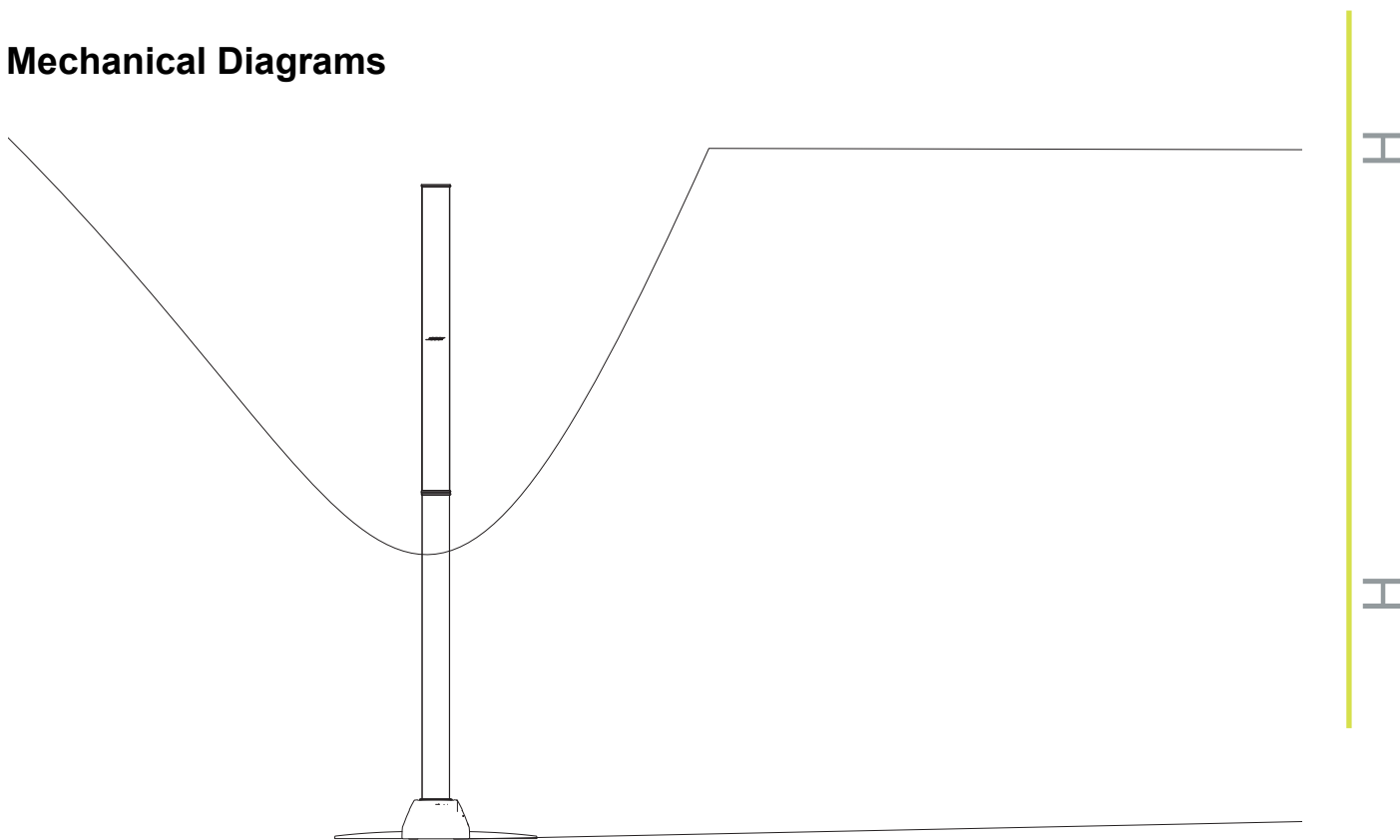
H

L1[®] Model II

portable line array system



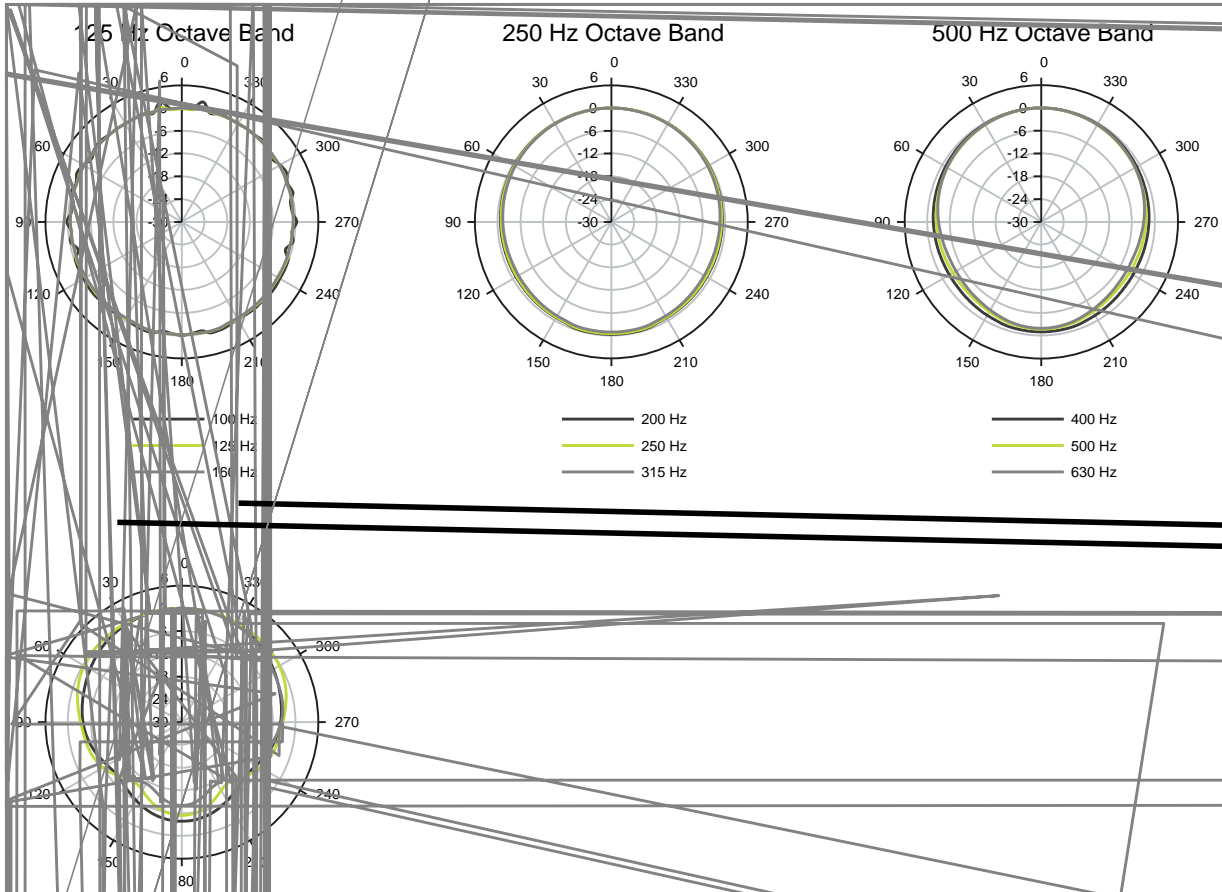
Mechanical Diagrams



L1® Model II portable line array system



Horizontal Plots



L1® Model II portable line array system



Architects' and Engineers' Specifications

The system shall be a multiple driver, full-range portable loudspeaker system with internally supplied power amplification, a time-aligned array of external bass modules.

The transducer complement shall consist of two 5.5 x 5.5 mm high-excursion, high-re-use drivers mounted in a partitioned array loudspeaker design. The loudspeaker array shall be wired in a series-parallel configuration.

The low-re-use system shall be two 5.5 x 1 mm high-excursion, low-re-use drivers mounted in a sealed bass enclosure. One bass module for two 1.5 mm high-excursion, low-re-use drivers mounted in a sealed bass enclosure bass module.

The nominal horizontal beamwidth of the loudspeaker shall be 195°, and the vertical coverage shall be a narrow band source oriented to the top and bottom of the array. The power amplification or transducers shall be supplied by the integrated power station providing 500 watts of continuous power, limited from 20 Hz to 1 kHz.

The input connectors of the power station module shall consist of one balanced or balanced receptacle and one balanced or balanced receptacle for the system's output. The system's output connectors shall provide one receptacle capable of distributing power to two low-re-use 1 bass modules or a single bass module. The system shall be supplied with a single receptacle for a single extended bass package.

The enclosure of the top and bottom loudspeaker array shall be constructed of extruded aluminum. The system's power station shall be constructed of polypropylene materials.

The total assembled system height shall be 1100 mm.

The total assembled system weight with the power station shall be 11 kg.

The total assembled system weight with the power station shall be 11 kg.

The loudspeaker shall be the Bose Model II portable line array system.

Safety and Regulatory Compliance

The Model II system complies with the following standards:

- 5th edition safety standard for audio equipment
- 5th edition safety standard for audio equipment

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to part 15 of the FCC rules. This product complies with the limits of a Class B digital device, pursuant to part 15 of the FCC rules. This product complies with the limits of a Class B digital device, pursuant to part 15 of the FCC rules.

Product Codes

Power station - 1	519-1-1
Power station - 2	519-1-2
Yli-driälädiator loudspeaker top and bottom	519-9-1
1 bass module	519-1-1
Bass module	519-1-1

Accessories

100-watt audio cable	519-1-1
100-watt audio cable	519-1-1
Power supply	519-1-1
100-watt audio cable	519-1-1
Mini-station bracket	519-1-1
AKLITE - 1	519-1-1
AKLITE - 2	519-1-1

All information subject to change without notice. © 2011 Bose Corporation. All trademarks are those of their respective owners.