

**ENGINEERING STANDARD**DATE EFFECTIVE
July 23, 1979NUMBER
EST 1139ENGINEERING DESIGN
SPECIFICATION

DATE REVISED

PAGE
1 of 3

MODEL NO. L110-A SYSTEM

ACOUSTIC AND ELECTRICAL SPECIFICATIONS

Maximum input Power:	50 Wrms with level controls @ 1/2 rotation
Rated Impedance:	8 ohms
Minimum Impedance:	5 ohms
Nominal Impedance:	8 ohms
Impedance Curve: See attached curve, page 3	
Frequency Response: (-6 dB): Sine Wave, on-Axis	36 Hz to 18 kHz (see attached curve, page 3)
Polar Response: Horizontal	Greater than 140° to 8 kHz Decreasing at approximately 80°/octave above 8 kHz
Vertical	Same as horizontal except for lobing caused by line array placement of components.
Sensitivity:	89 dB, 1 W @ 1 m
Crossover Frequencies:	800 Hz and 3500 Hz

PHYSICAL SPECIFICATIONS

Enclosure Volume:	1.40 cubic feet
Midrange Chamber:	80 cubic inches
Enclosure Dimensions:	23 1/2 in X 14 1/4 in X 11 1/4 in deep

Design Engineer Grey Timber



ENGINEERING STANDARD	DATE EFFECTIVE	NUMBER EST 1139
ENGINEERING DESIGN SPECIFICATION	DATE REVISED	PAGE 2 of 3

SYSTEM COMPONENTS

Cabinet (2)	CL110-A
Grille (2)	G110
Bass Transducer (2)	LE111H
Mid Range Transducer (2)	LE5-10
High Frequency Transducer (2)	033
Crossover Network (2)	N110-A

ENGINEERING STANDARD	DATE EFFECTIVE	NUMBER EST 1139
ENGINEERING DESIGN SPECIFICATION	DATE REVISED	PAGE 3 of 3

