HARMAN SPEAKER MANUFACTURING

ENGINEERING STANDARD

DATE EFFECTIVE 11-12-90

NUMBER EST 1561

ENGINEERING DESIGN SPECIFICATION

DATE REVISED

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K2 \$9500, \$7500

ACOUSTIC & ELECTRICAL SPECIFICATIONS

Power Test:

35 V IEC shaped noise, 2 hours

Rated Impedance:

3 ohm, S9500: 6 ohm, S7500

Minimum Impedance:

2.7 ohm, \$9500: 5.4 ohm, \$7500

Impedance Curve:

See page 2, 3

Frequency Response (-6 dB):

35 Hz to 21 kHz (half space)

Network Voltage Drive:

See page 4, 5

Sensitivity:

97 dB for 2.83 V @ 1m, S9500

92 dB for 2.83 V @ 1m, S7500

Crossover Frequency:

650 Hz

PHYSICAL SPECIFICATIONS

Enclosure Volumes:

2.0 cu. ft.

System Dimensions:

48 x 21 x 18.5 D (inch)

Base Dimensions:

6 x 23 x 19 D (inch)

SYSTEM COMPONENTS

Bass Transducer:

1400Nd

High Frequency Transducer:

475Nd

Crossover Network:

71918 (HF), 72024 (LF),

71914 (Lower Bezel) 71915 (Upper Bezel)

Horn:

4500M

Design Engineer in the formation