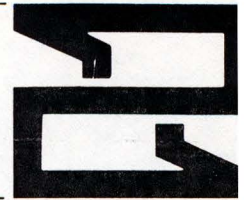
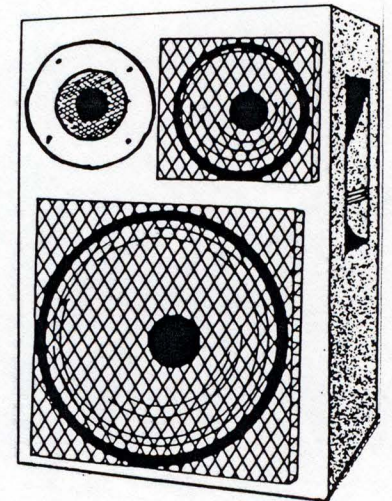


KB-153 KEYBOARD MONITOR WIDE COVERAGE LOUDSPEAKER SYSTEM PRELIMINARY PRODUCT DATA



SPECIFICATIONS

Frequency Response	
+- 3 dB:	45 to 19,000 Hz
- 10 dB:	35 to 22,000 Hz
Polar Response:	Horizontal Coverage Greater than 120 degrees
Power Handling	
Sine Wave 100 Hours:	150 W
Pink Noise 100 Hours:	300 W
Sensitivity:	98 dB SPL 1w 1m
Reference Efficiency:	3.65x
Maximum Output:	Greater Than 120 degrees continuous
Maximum Acoustic Output:	10.9 Acoustic Watts
Nominal Impedance:	8 Ohms
Controls:	MF and HF level
Crossover Data	
Frequencies:	400, 3500 Hz
Slope:	18 dB per octave
Type:	Third Order Amplitude Corrected
Driver Protection:	Fuses
Enclosure Data	
Type:	112 liter (4.0 cu.ft.) Vented Box
Material:	Cross-Grain-Laminated Hardwood
Finish:	Black Catalized Polyurathane
Grills:	Perforated Steel
Driver Data	LF Driver MF Driver HF Driver
Model:	PRO L15/542 MF-170A TW-116
Diaphragm Size:	380mm (15in) 170mm (6.5in) 52mm(2")
Dimensions:	18 in x 20 in x 25 in 457mm x 508mm x 635mm



- * WIDE BANDWIDTH of 35 to 22,000 Hz -10 dB enabling the reproduction of all the music from deep fundamentals to brilliant harmonics.
- * WIDE HORIZONTAL COVERAGE of 120 degrees makes placement easy with good sound available throughout the listening area.
- * HIGH OUTPUT CAPABILITIES with a sensitivity of 98 dB SPL 1w 1m and power handling of 300w 100 hours noise, the KB-153 is capable of over 120 dB SPL at 1 meter long term acoustic output.

APPLICATION

The KB-153 is designed as an on stage monitor for use with keyboard instruments. It's wide coverage extended bandwidth and high power handling also make it ideal for use in high level playback and distributed reinforcement applications. It will provide HIFI type sonic accuracy and naturalness at sound pressure levels that rivals any compact PA speaker.

DISCRIPTION

The KB-153 is a three-way system using a 380mm (15 in) RCF PRO L15/542 woofer in a 4.0 cubic foot vented box, a 170mm (6.5 in) midrange driver and a 52mm (2 in) TW-116 hard dome driver. The KB-153 features a complex third order crossover network that provides a smooth transition between drivers, excellent HF driver protection and overall response tailoring.