

Audio Test Monitor

760A

Characteristics

Display Range - Normal: +8 to -45 dB.

Green to 0 dB.

Red above 0 dB.

Expanded: +5 to -11 dB.

Expands around -8 dB (TEST).

Resolution - Normal: 0.4 dB, +8 to -20 dB.

Expanded: 0.1 dB.

Jumper selectable to 0, +4, +8, +12, +16 dBu for 0 dB indication.

Accuracy @ 1 kHz - ± 0.3 dB at 0 dB.

Audio Inputs

Balanced Bridging - >10 kilohm/side.

Termination - Selectable from >20 kilohm, 600 Ohm, 150 Ohm (internal jumper).

Protection - Will withstand 50 V peak common-mode input, DC to 20 kHz, without damage.

Sensitivity - Gain selectable for 0 dB bar indication for sine waves of 0, +4, +8, +12 and +16 dBu (internal jumper) for 760A only. 760N and 760D are fixed sensitivity.

CRT Display

Graticule -

L, R, L = R and L = -R lines.

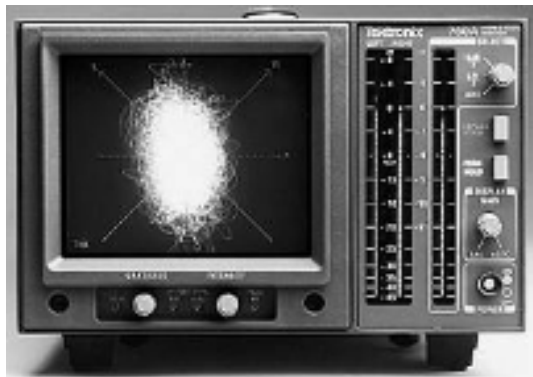
Major and minor ticks for phase: measurements at 10° and 5° respectively, on L axis.

Automatic Gain Control (AGC) - Control range -30 dB.

Gain Match and Tracking (over AGC range) - ± 0.3 dB.

Phase Match - $\pm 1^\circ$ at 0 dB.

Frequency Response - ± 0.5 dB, 20 Hz to 20 kHz.



760A Stereo Audio Monitor.

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Z-axis Dimming - With absence of signal.

Bar Graph

100 Segment LED

Peak Hold - Switchable On/Off: approximately 3 seconds.

Attack/Decay Dynamics - 760A: ppm per draft IEEE Standard, IEC 268-10, and EBU 2305; 760D.

Frequency Response -

±0.5 dB, 20 Hz to 20 kHz from:

+8 to -20 dB (760A);

+5 to -25 dB (760D);

+15 to -18 dB (760N).

Gain Match - ±0.3 dB.

Crosstalk - A full scale signal on any channel causes no indication on remaining bars.

Front Panel Controls

Power On/Off

For CRT Display - Intensity, Gain Auto/Man/Cal, Horizontal/Vertical Position, Focus, Trace Rotation.

For Bar Graph - Third Bar Selector (L + R) / 2 , (L - R) / 2, AUX; Peak Hold On/Off; EXPAND SCALE.

Rear Panel Connectors

XLR Inputs - Left, Right, Auxiliary.

Power

Fuse

Power Consumption - 30 W max.

Certifications

EMC - Certified to the EMC Directive 89/336/EEC.

Safety -

Approved to: UL1244,
CAN/CSA-C22.2 No.231.

Complies with: HD401 S1, IEC 348.

Physical Characteristics

Dimensions	mm	in.
Height	133	5.25
Width	214	8.424
Length	429	16.875
Weight: Approximately	kg	lb.
	4.5	10

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