

A226-MAIN

Precision & Power Redefined



This is it. The real thing.

FULLY ANALOG. HANDMADE. SWISS MADE.

A226-MAIN

PRECISION & POWER

Redefined.

**A fully realized main studio monitor
with uncompromising accuracy.**

Three ways. Four drivers. The A226-MAIN combines dual 10-inch symmetrical woofers, a proprietary EXD midrange driver and an all-new aluminium coil tweeter.

Deep, controlled bass. Precise transient response. Ultra-detailed highs. Vivid dynamics and pristine clarity across an extended frequency range, for the accuracy professionals need to create engaging mixes.

This is it. The real thing.



PERFORMANCE AT A GLANCE

FREQUENCY RANGE

20 Hz - 23 kHz

PEAK MAX SPL @ 1 m

126 dB

POWER

500 + 150 + 65 W

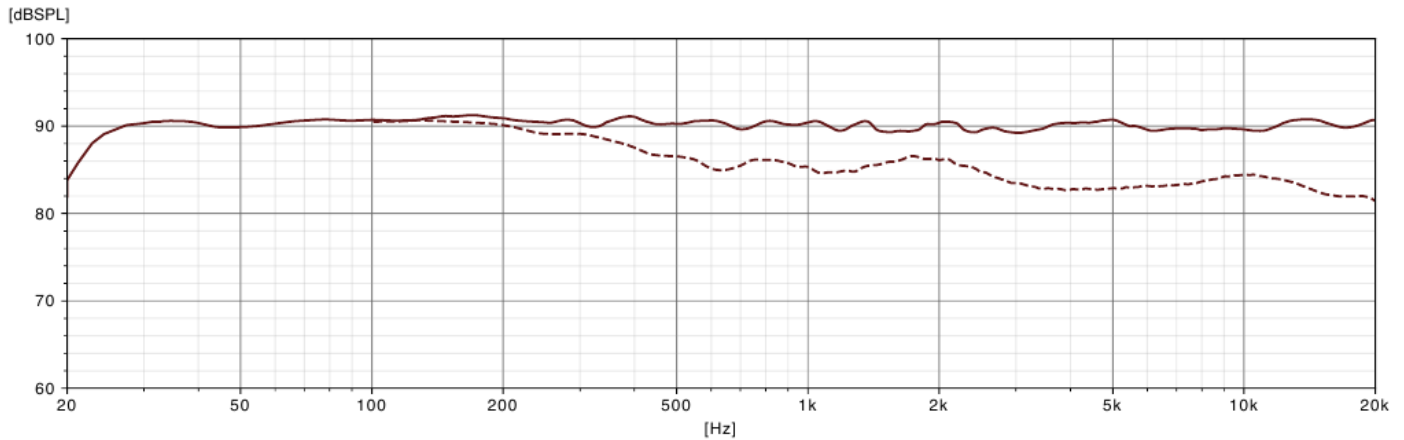
FULLY ANALOG

INDIVIDUALLY CALIBRATED

SWISS MADE

Engineered for precision.

FREQUENCY RESPONSE



Response plot reproduced from the supplied datasheet.

CONFIGURATION

3-way / 4 drivers

Dual 10-inch woofers

DIMENSIONS

960 x 496 x 399 mm

37.8 x 19.5 x 15.7 in

DESIGN & TECHNOLOGY

Reinforced double MDF enclosure

Eliminates cabinet resonance for pure, uncolored sound.

Asymmetrical layout

Optimizes frequency dispersion for a balanced listening experience.

Symmetrical 10-inch woofers

Tight, controlled low-end response in any room, with a wide sweet spot and reduced reflections.

EXD (EXtended Dome) technology

Superior transient response and precise midrange clarity in an ultra-compact baffle.

Handmade aluminium coil tweeter

New tweeter for pristine high-frequency reproduction.

Next-gen Class G/H amplification

An evolution of the 2010 design for greater efficiency and performance.

Double Flow Guide Bass Reflex

Deep, powerful bass with zero air turbulence or unwanted noise.

Modular electronics

Flexible electronics for effortless upgrades and simplified long-term maintenance.

Rotatable baffle

Adapts seamlessly to horizontal and vertical placement.

Fully analog. Handmade. Calibrated.

Individually calibrated for longevity and reliability in professional use.

Complete specifications.

DATA	A226-MAIN-MS1	[UNIT]
Potential peak power	660+130+55	W
Max RMS power	2x100+30+12	W
Input impedance	Sym 10 kΩ	Ω
Input sensitivity for 100 dB SPL @ 1 m	00.01.1900	Vrms
Input overload	100 Hz: 28 Vpp / 24 dBu 1 kHz: 24 Vpp / 20.7 dBu 10 kHz: 14 Vpp / 16 dBu	Vpp
Continuous max AES75 SPL @ 1 m	113	dB
Short term max. SPL @ 1 m	117	dB
Peak max. SPL @ 1 m	125	dB
SPL max DART - half space	130	dB
CEA 2010 - Ultra-low bass (20-31.5 Hz)	20/25/31.5 Hz: 97.5/102/104.5 101.3 107.3 (Floor effect)	dB
CEA 2010 - Low bass (40-63 Hz)	40/50/63 Hz: 106/107.5/109.5 107.7 113.7 (Floor Effect)	dB
CEA 2010 - High bass (80-160 Hz)	80/100/125/160 Hz: 110.5/112.5/113.5/114.5 112.8 118.8 (Floor Effect)	dB
Background noise @ 1 m	5	dBA
Signal to noise ratio (S/N)	109	dBA
Mechanical noise (i.e. transformer)	-5	dBA
SPL response	SEE GRAPH	dB
Bandwidth at -6 dB	20 - 22'000	Hz
SPL tolerances	±1.0	dB
Phase response	SEE GRAPH	deg
Phase tolerances	±45 (150 Hz - 20 kHz)	deg
Dispersion (H x V)	80 x 40	deg
Directivity Factor	SEE GRAPH	
Acoustic Power	SEE GRAPH	dB
Distortion THD	SEE GRAPH	dB, %
System	3	ways
Crossover frequency	380, 3'600	Hz
Box Material	MDF	
Woofer ext. diam.	290	mm
Woofer ext. diam.	11.4	in
W. diaphragm diam.	210	mm
W. diaphragm diam.	8.3	in
Medium ext. dim.	140	mm
Medium ext. dim.	5.5	in
M. diaphragm diam.	98	mm
M. diaphragm diam.	3.9	in
Tweeter ext. dim.	100	mm
Tweeter ext. dim.	3.9	in
T. diaphragm diam.	27	mm
T. diaphragm diam.	1.1	in
Dimensions W x H x D	399 x 960 x 496	mm
Dimensions W x H x D	15.7 x 37.8 x 19.5	in
Net Weight	60	Kg
Net Weight	132	lbs
Input connector	1 x XLR F / 3P 1 x XLR M / 3P LINK	
Input connections	1=GND, 2=(+), 3=(-)	
Mains voltage	115 / 230 (50-60 Hz)	V, ±10 %
Mains max DC offset	0.04	V
Standby consumption	1.2	W
Quiescent consumption	15	W
Max continuous Power	12	W
RMS continuous consumption	300	W
Max Relative humidity	70	%
External temperature range	5-35	deg C
Reliability		
Warranty	5 (+1)	years