

D·PAC® audio MP-81

- Compact high power multi purpose loudspeaker
- Sleek design with very low profile
- Stable footprint when used as monitor
- Frequency response - 72-19 kHz (+/-3dB)
- Max SPL 125dB - 119dB programme
- Integrated stand adapter
- 8" with inside/outside voicecoil
- 1" with optimized 90 x 60 degree horn
- AAD Crossover designed for optimized sound quality and transparency
- Compact dimensions and low weight

Description

The MP-81 is multifunctional and can be used on a stick, as floor monitor or installed near wall or ceiling, providing high quality sound reinforcement in one compact package.

Designed as a versatile and ultra compact loudspeaker, the MP-81 provides high output, high definition sound from a 8" with inside/outside wound voicecoil, and a 1" driver mounted on a constant coverage waveguide with a 90 x 60 degree dispersion.

The internal crossover is optimized through both intensive listening tests and advanced computersimulations of real world characteristics. The crossover point has been carefully selected, and the crossover has been designed for everyday hard use and secured for safety during transport.

MP-81 provides a 40 degree tilt and only 24cm height, giving more options when used as low profile floor monitor on stage.

The cabinet is assymetrical in construction, thereby eliminating standing waves inside the cabinet, and constructed from 12mm Finnish birch plywood.

The finish is in a very durable, textured black paint, and the grille is powdercoated, perforated steel with black fireretardent foam attached on back to protect against dust.

The MP-81 weighs 8,9 kilograms.
Dimensions in cm (h x w x d): 43 x 32 x 23
(tilted h x w x d: 24 x 43 x 31)

Applicatons include

Under balcony (fill/delay)
Small stagemonitor
Small FOH
Corporate AV
Multimedia
Installations
Conference
House of worship

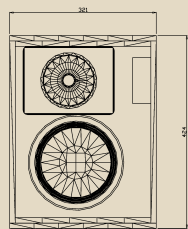




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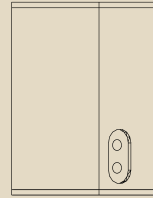
Technical drawing



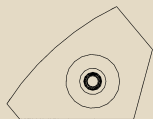
Front



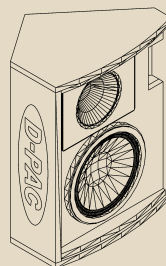
Right side



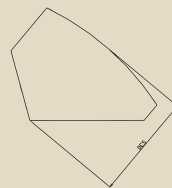
Back



Bottom



MP-81



Top

Description

Model	MP-81	
Acoustical data	Frequency response	72 Hz - 19kHz
	+/- 3dB	55 Hz - 20kHz
	- 10dB	Sensitivity
		95dB 1W @ 1m
	Maximum SPL	125dB for one enclosure
	Long term SPL	119dB for one enclosure
	Nominal coverage standing	90 degree horizontal x 60 degree vertical
	Nominal coverage floor monitor	60 degree horizontal x 90 degree vertical
Transducers	Components and configuration	8" with 2" voicecoil in basreflex 1" with 1" voicecoil mounted on constant coverage horn
Technical specifications	Total RMS power handling	225W 2 hour bandlimited pink noise
	Program power handling	450W as RMS but 50% duty cycle
	Peak power handling	800W instantaneous max 10ms
	Recommended amplifier power	150 - 350W 8 Ohm
	Nominal impedance	8 Ohm - 6,1 Ohm minimum
	Crossover type	12 / 12 dB Assymetrical Acustical Design
	Connectors	2 pcs. 4 pole Neutrik SpeakOn
Physical description	Dimensions standing (height x width x depth)	430mm x 320mm x 230mm
	Dimensions floor monitor (height x width x depth)	240mm x 430mm x 310mm
	Weight	8,9 kg net (10,5 kg. shipping)
	Enclosure	12mm Finnish birch
	Finish	Heavy duty black coating
	Grille	58% open 1,2mm powdercoated steel backed with fireretardent foam
	Pole mount cup	35mm integrated
	Options	Flightcase for 2 or 4 pcs. MP-82, cables diverse flying options