EN54-24:2008 1438-CPR-0507 ISSUE DATE: 17 TYPE B

DOP No.: AMC-1610

SOUND PROJECTORS

SP Plastic Body Sound Projectors

Advanced design sound projectors with built-in 100V line transformer.



SP 10EN

SP 10EN is a plastic bodied sound projector used to provide high quality sound reproduction for music and speech, IP55 rated for heavy environmental conditions. For use in supermarkets, warehouses, factory buildings, railway stations, car parking areas and pools, wherever clear, high-quality directional sound is required. Conforms EN54-24 standard.



100 dB SPL				\bigwedge_{i}		
90						
80						
70	M	7				
60	10 Frequency F	Hz 50	100 2	00 500	1K 2K	5K 10K 20K
	IMPEDANCE					
10000				٨		
8000 Ohm						
6000						
4000 2000			1			
0,00						
-,	10 Frequency	Hz 50	100 2	00 500	1K 2K	10K 20K
					10 W	5 W 2,5 W

Technical specifications	SP 10EN		
Rated power	10 W		
Transformer power taps	10 W - 5 W - 2,5 W		
Transformer impedance	1 kΩ - 2 kΩ - 4 kΩ		
Sensitivity	80 dB (1W / 4m)		
Maximum SPL	89 dB (Pmax / 4m)		
Frequency response	150 Hz - 16 kHz		
Dispersion at 500 Hz (1W/4m)	360° conical		
Dispersion at 1000 Hz (1W/4m)	220° conical		
Dispersion at 2000 Hz (1W/4m)	121° conical		
Dispersion at 4000 Hz (1W/4m)	60° conical		
Protection	IP 55 according CTS testing report		
Dimensions	ø 138 mm x 202 mm		
Weight	1,6 kg		
Material	ABS plastic, stainless U bracket		
Colour	White (RAL 9016)		

^{*} Active Equalizer Applied: NO. All SPL tests are performed in a anechoic chamber.