

DSP8114A DSP8116A

Active Waterproof Column Speaker



Description

DSP8114A / DSP8116A uses the speaker unit of high sensitivity and high dynamic range, and two-way frequency design, with strong bass and clear treble. It has a built-in digital amplifier with low distortion, low noise and large dynamic range. With self-protection function, including temperature protection and short-circuit protection. And it is in compliance with EN 60529 IP65 waterproof and dust-proof /IEC60068-2-52 corrosion resistance and other standards, which is suitable for long-term outdoors.

Features

- High sensitivity and high dynamic full range loudspeaker units are adopted. Powerful bass and clear treble bring good sound reproduction effect.
- Built-in digital amplifier, low distortion, low noise and large dynamic large.
- Built-in switching power supply, high efficiency, energy saving, safe and reliable.
- With self-protection, including temperature protection and short circuit protection.
- EN 60529 IP65 waterproof and dustproof certificate. IEC 60068-2-52 corrosion resistance and other standards. Suitable for long-term outdoor working.
- The housing is made of thickened aluminum, with integrated sealing design to effectively prevent air leakage and resonant sound.
- The shell, cover and grill are all aluminum. Anti-UV paint treatment.
- The front plate is made of polymer hot injection molding, which is waterproof and mould-proof.
- The bottom is with leakage hole, which can effectively eliminate the internal water brought by the open air.
- Stainless steel mounting bracket, anti-corrosion, which effectively ensures the safety after installation.

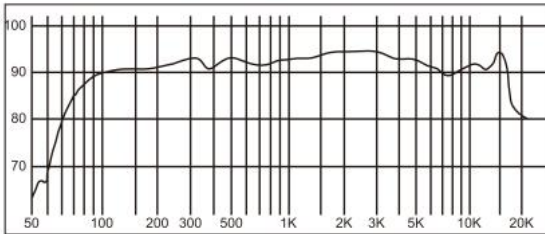
Specifications

	Model	DSP8114A	DSP8116A
Acoustic System	Bass Unit	6.5"×2	6.5"×4
	Treble Unit	1"×1	1"×1

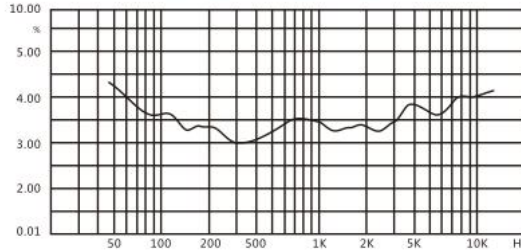
Amplifier System	RMS	60W	120W
	Freq. Response	80Hz-20KHz	150Hz-20KHz
	Max. SPL(1m)	94dB (±2)	98dB (±2)
	Sensitivity(1m,1w)	300mV	300MV
	Freq. Response	50Hz-20KHz	50Hz-20KHz
	Distortion	≤1%	≤1%
	SNR	≥81dB	≥81dB
	Load	4Ω	4Ω
	Power	220V/50Hz	220V/50Hz
Others	Machine Size (H×W×D)	650×212×181mm	1025×212×181mm
	Package Size (H×W×D)	740×260×265mm	1115×260×265mm
	Gross Weight	10kg	14.8kg
	Net Weight	8.5kg	12.8kg

Frequency Response & Distortion

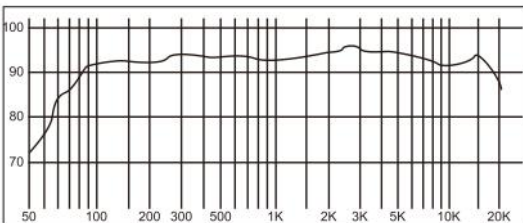
DSP8114A Frequency response characteristics (dB SPL, 1W, 1m)



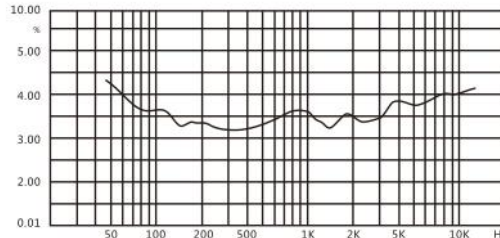
DSP8114A Distortion characteristics (THD<5% 1W, 1m, 100Hz-10kHz)



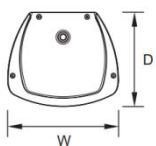
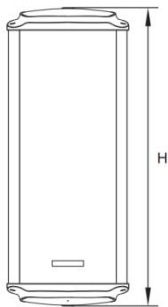
DSP8116A Frequency response characteristics (dB SPL, 1W, 1m)



DSP8116A Distortion characteristics (THD<5% 1W, 1m, 100Hz-10kHz)

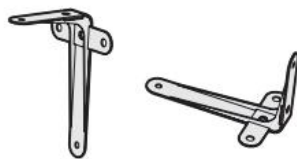


Dimension



Model	H	L	W
DSP8114A	181	212	648
DSP8116A	181	212	1023

Unit: mm



Stainless Steel Brackets