

DSP8114A DSP8116A

Network 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.

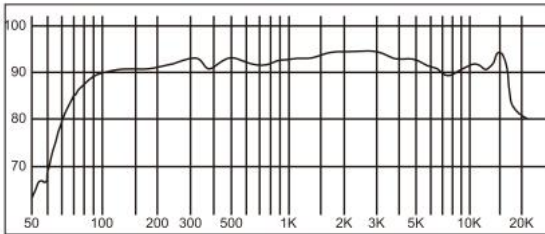
Specifications

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

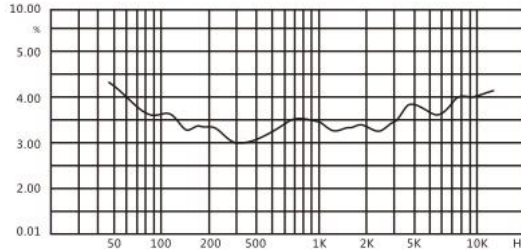
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| Amplifier System | RMS | 60W | 120W |
| | Freq. Response | 80Hz-20KHz | 150Hz-20KHz |
| | Max. SPL(1m) | 94dB (±2) | 98dB (±2) |
| | Sensitivity(1m,1w) | 300mV | 300MV |
| | Freq. Response | 50Hz-20KHz | 50Hz-20KHz |
| | Distortion | ≤1% | ≤1% |
| | SNR | ≥81dB | ≥81dB |
| | Load | 4 Ω | 4 Ω |
| | 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

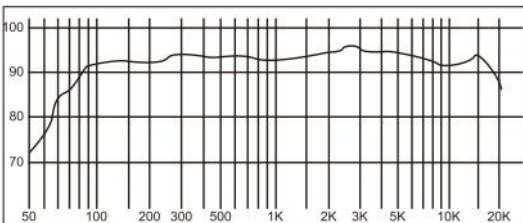
DSP8114A Frequency response characteristics
(dB SPL, 1W, 1m)



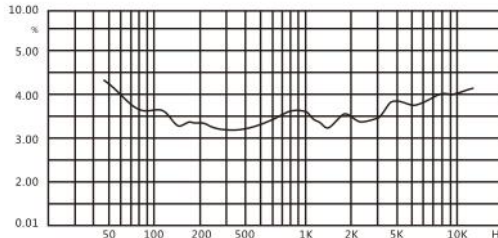
DSP8114A Distortion characteristics
(THD<5% 1W, 1m, 100Hz-10kHz)



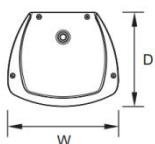
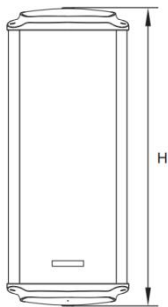
DSP8116A Frequency response characteristics
(dB SPL, 1W, 1m)



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

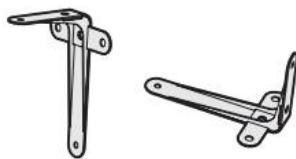


Dimension



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

Unit: mm



Stainless Steel Brackets