

ST108

Weather Resistant Speaker



ST108 is an 8-inch coaxial two-way full-range weather-resistant speaker, with a housing made of environmentally friendly PE material through rotational molding, capable of withstanding all-weather usage environments. It features an 8" mid-bass speaker and a high-frequency driver in a coaxial arrangement, with both speakers designed with a horn. CT-81T is a constant voltage speaker and complies with the international IP55 standard. It is suitable for indoor and outdoor venues such as schools, stations, shopping malls, parks, and sports fields.

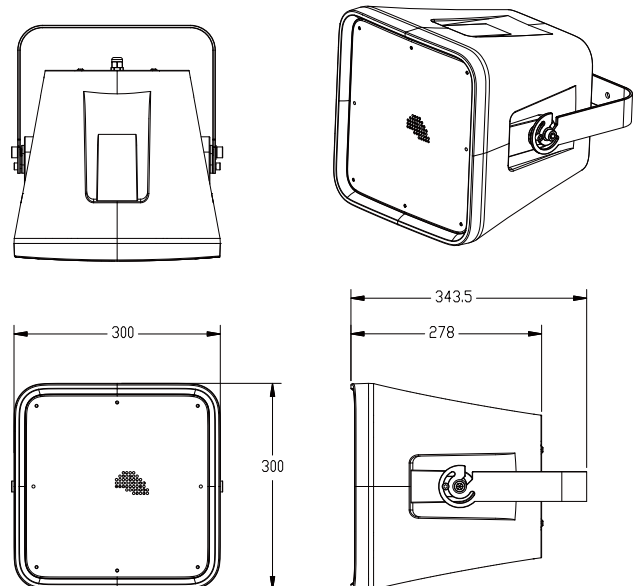
Specifications

Input Power	80W/40W/20W 100V 80W/40W/20W/10W 70V
Rated Impedance	125Ω/250Ω/500Ω 100V 65Ω/125Ω/250Ω/500Ω 70V
Sound Pressure Level	92± 3dB (1m/1w)
Frequency Response	70Hz-20KHz
Speaker Unit	Low-frequency 8" + 1 high-frequency 1" x 1
Mounting Hole Size	3 * M10mm with a hole-to-hole distance of 75mm
Speaker Installation Method	Bracket mounting
Connection Method	Cable wire
Material	Housing (PE) + Grille (Aluminum)
Dimensions	300*300*278 mm
Weight	9 kg/1PC
Operating Temperature	-25°C to +55°C
Storage Temperature	-40°C to +70°C
Relative Humidity	≤95%

Features

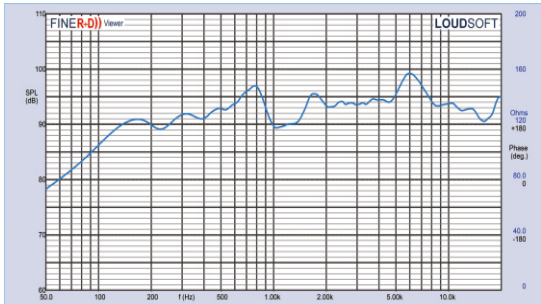
- Superior voice and music reproduction quality.
- Simple and convenient installation method.
- Diverse usage scenarios.
- Compliant with CE and IP55 standards.

Three views

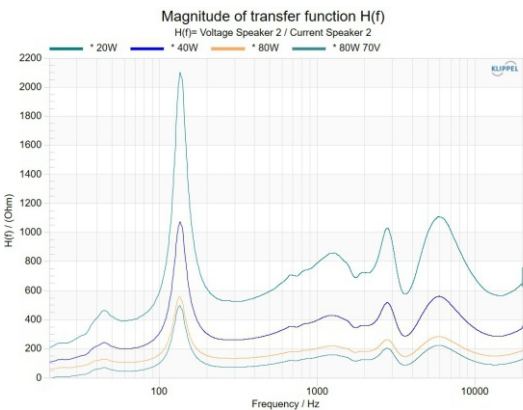


Size (unit: mm)

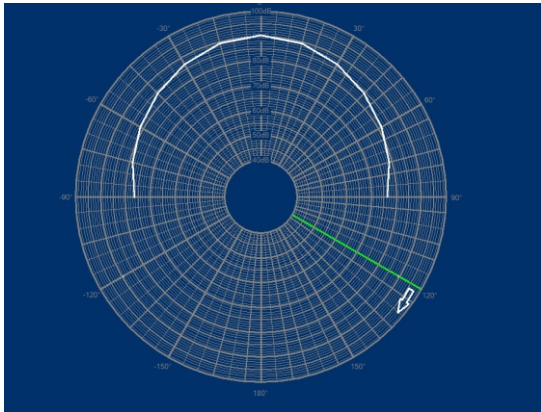
Frequency response diagram



Impedance diagram



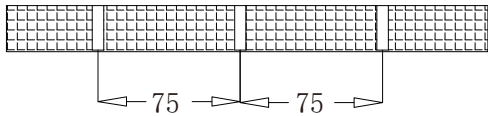
Directivity Pattern



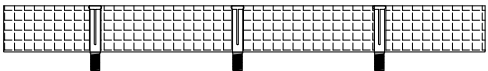
Installation instructions

U-bracket installation method (standard) :

1. Drive three expansion screw holes with a center distance of 75mm into the mounting plane.



2. Insert three M10 expansion screws into the open holes.



3. Align the hole on the speaker support with the expansion screw, place the gasket, and fasten the M10 nut.

