DSP205N DSP405N

Network Waterproof Column Speaker

Description

This product is a network waterproof column speaker, with clear bass and bright treble. The unit driver is made of waterproof primary color FB basin and 3-inch magnetic circuit, and the mesh is made of aluminum, with UC coating on the surface for outdoor applications.
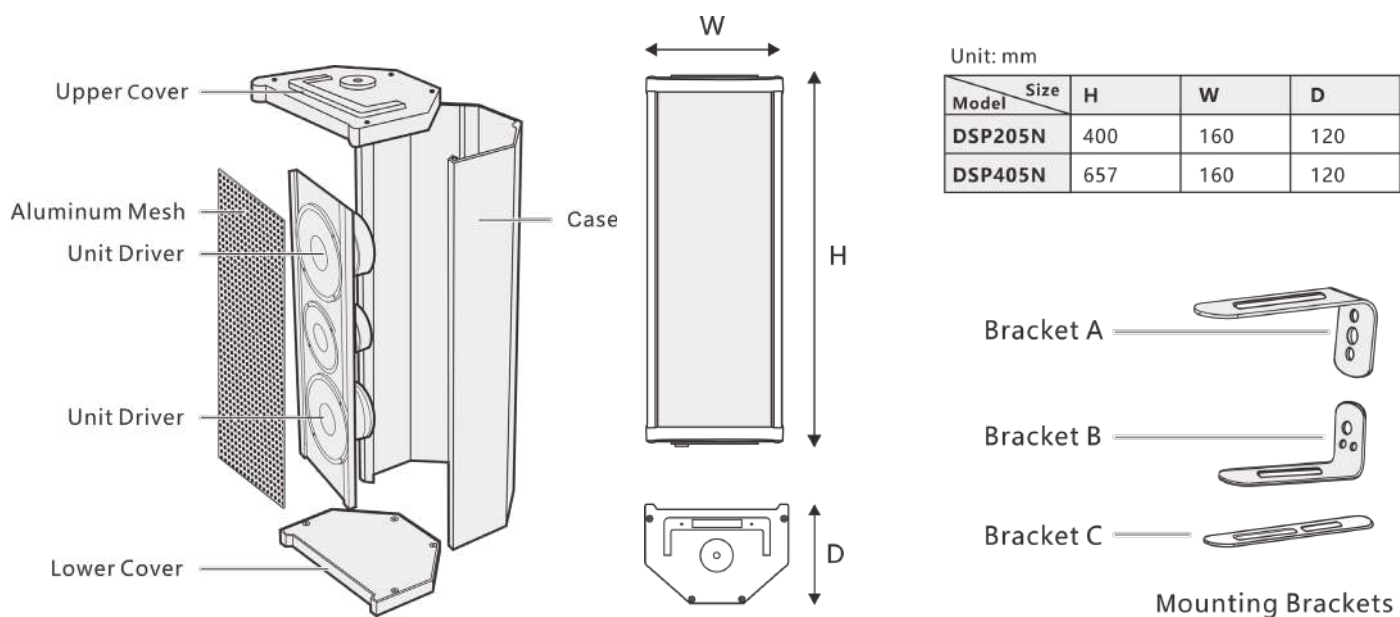
Features

- 10/100M self-adaptive, support DHCP/static IP.
- Support standard SIP protocol.
- Support audio formats: MP3, WAV, etc.
- Can play BGM, emergency paging and alarm signals from the host system.
- Full-range speaker, with clear bass level and bright treble.
- Overall waterproof, with the IP65 certificate.
- Unit driver: Waterproof primary color FB basin, 3-inch magnetic circuit.
- Front panel: Polymer hot injection molding, waterproof and mildew proof.
- Case: Solid aluminum alloy, not easy to deform and rust.
- Aluminum mesh: Made of aluminum, UV coating on the surface for long term use in the outdoors.
- Mounting bracket: Stainless steel bracket, to effectively guarantee the safety after installation.

Specifications

Model		DSP205N	DSP405N
Acoustic System	Unit Driver	4" ×2, 2.5"×1	4"×4, 2.5"×1

		Sensitivity (1m, 1W)	89±2dB	93±2dB
		MAX. SPL. (1m)	102±2dB	109±2dB
		Frequency Response	140Hz-14KHz	140Hz-14KHz
Amplifier System	Amplifier	Rated Power (RMS)	30W	60W
		Frequency Response	20Hz-20KHz	20Hz-20KHz
		SNR	≥81dB	≥81dB
		Distortion	≤0.1%	≤0.1%
Others		Network Interface	RJ45 (10/100M)	
		Supported Protocols	DHCP, UDP, ICMP, IGMP (multicast)	
		Power Input	~100-240V 50Hz/60Hz	
		Product Size (H×W×D)	400×160×120mm	657×160×120mm
		Weight	5.5kg	6.2kg

Product Information

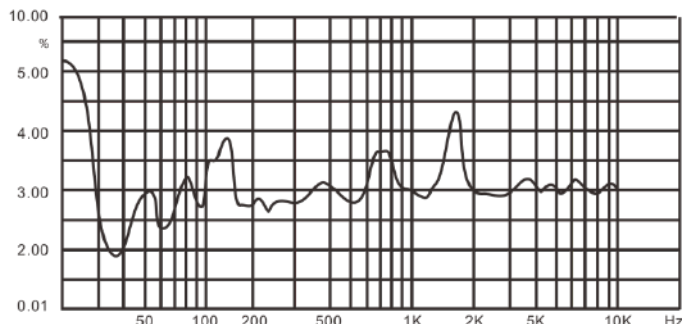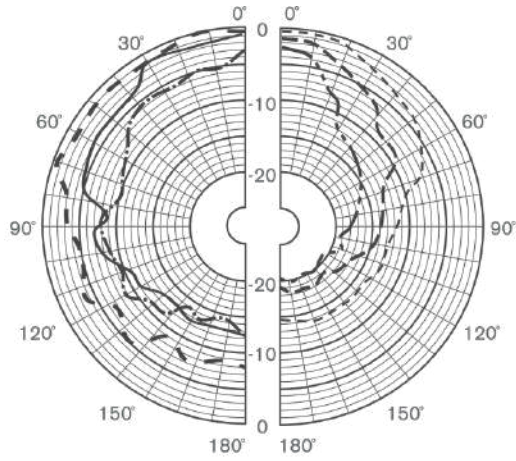| Unit: mm			
Model ＼ Size	H	W	D
DSP205N	400	160	120
DSP405N	657	160	120

Bracket A

Bracket B

Bracket C

Mounting Brackets
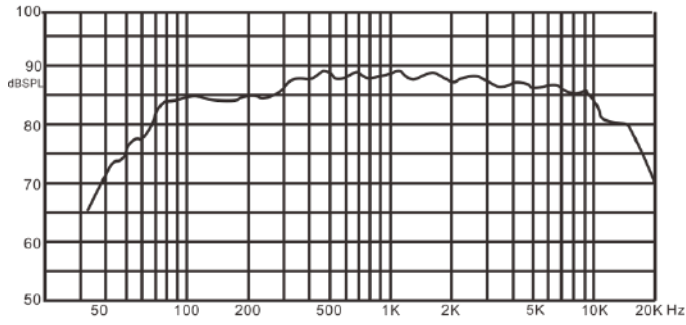
Technical Parameters
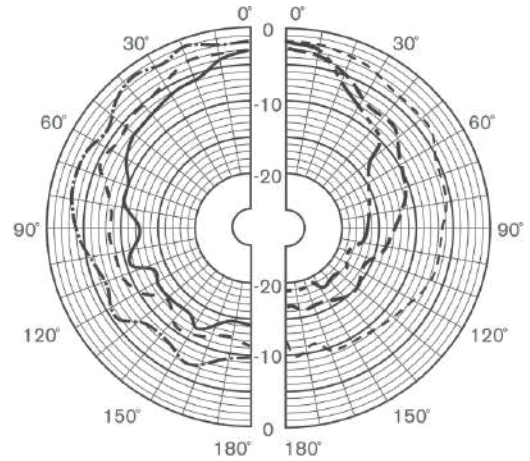
DSP205N Frequency Response
(dB SPL, 1W, 1m)

DSP205N Distortion
(THD< 1.5% 1W, 1m, 200Hz-12kHz)

The specifications will be subject to change without prior notice.
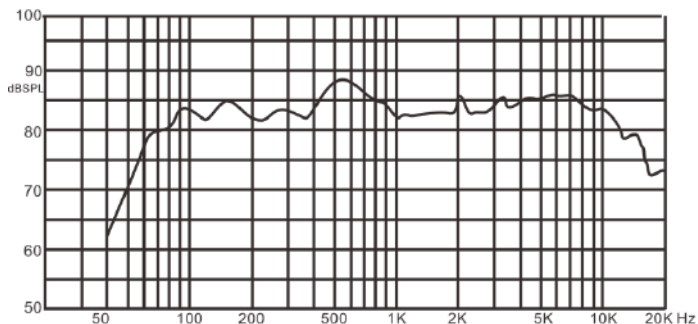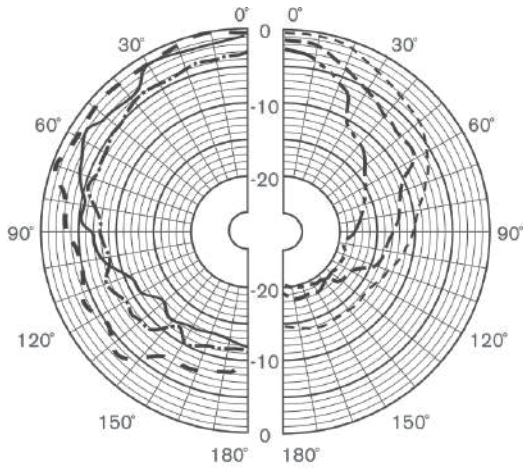
DSP405N Frequency Response
(dB SPL, 1W, 1m)

DSP405N Distortion
(THD< 1.5% 1W, 1m, 200Hz-12kHz)

—·—·— 250 Hz	—— — 2000 Hz
— — 500 Hz	------- 4000 Hz
—— 1000 Hz	— ·· — 8000 Hz

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— — 500 Hz	------- 4000 Hz
—— 1000 Hz	— ·· — 8000 Hz
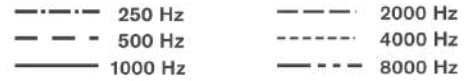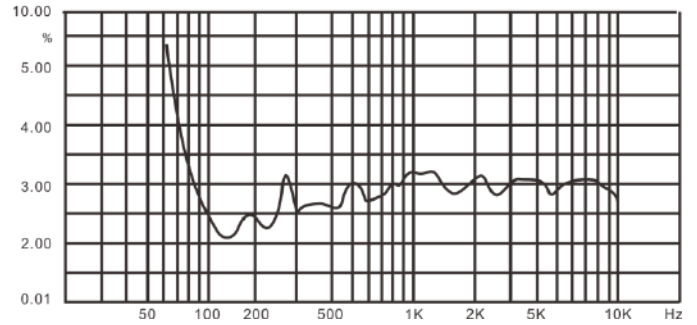
DSP205N Horizontal Directivity

DSP205N Vertical Directivity

—·—·— 250 Hz	—— — 2000 Hz
— — 500 Hz	------- 4000 Hz
—— 1000 Hz	— ·· — 8000 Hz

—·—·— 250 Hz	—— — 2000 Hz
— — 500 Hz	------- 4000 Hz
—— 1000 Hz	— ·· — 8000 Hz
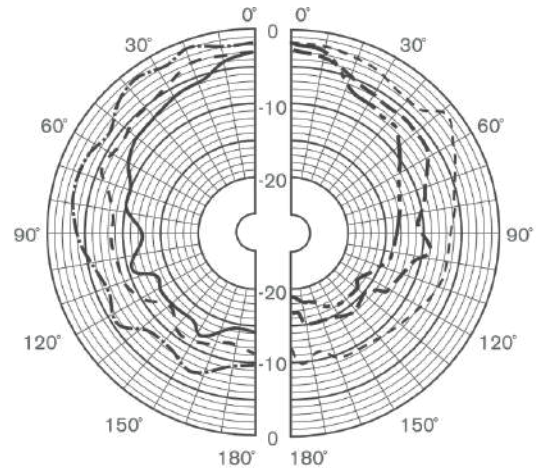
DSP405N Horizontal Directivity

DSP405N Vertical Directivity