DSPPA



EN54 LOUDSPEAKER SERIES

EN54-24:2008 CPR Certificate

DSP602EN

6W 6.5" Fireproof Ceiling Speaker





EN54

EN54
EN54-24:2008
CPR Certificate

MAX. SPL
96dB

Sensitivity
88dB

Transformer
100V (12W-6W-3W)

IP Rating
IP21C

DSP5311EN

12W 6.5" Fireproof Surface Mount Ceiling Speaker





EN54

EN54-24:2008
CPR Certificate

MAX. SPL
100dB

Sensitivity
89dB

Transformer
100V (12W–6W–3W)

IP Rating
IP21C

DSP2254EN

10W 6.5" Fireproof Ceiling Speaker with Fire Dome





EN54

EN54
EN54-24:2008
CPR Certificate

MAX. SPL
100dB

Sensitivity
90dB

Transformer
100V (10W–5W–2.5W)

IP Rating
IP21C

DSP207EN

12W 5" Fireproof Wall Mount Speaker





EN54

EN54-24:2008
CPR Certificate

MAX. SPL
97.2dB

Sensitivity
86.3dB

Transformer
100V (12W–6W–3W)

IP Rating
IP54

DSP217EN

24W 5" Fireproof Coaxial Wall Mount Speaker





EN54

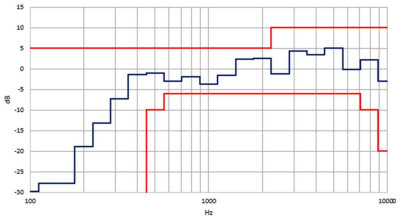
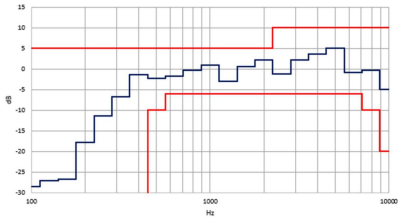
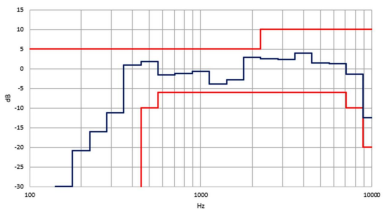
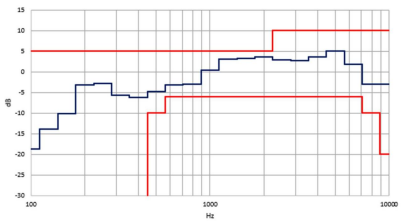
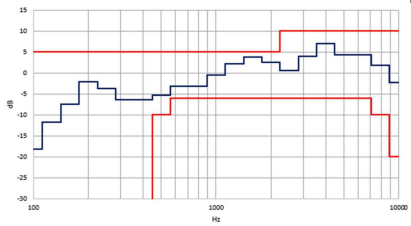
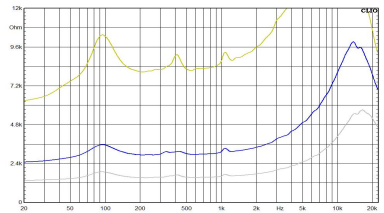
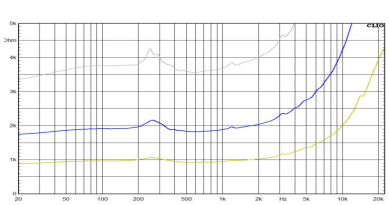
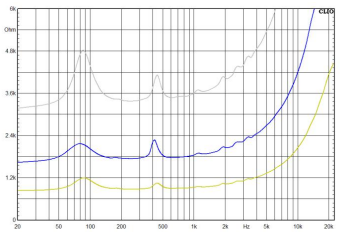
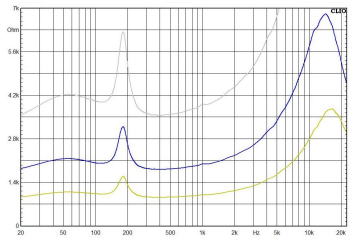
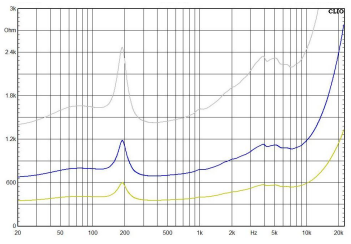
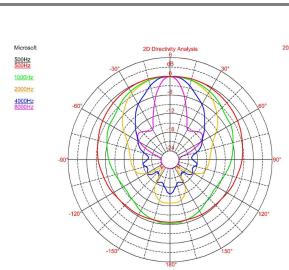
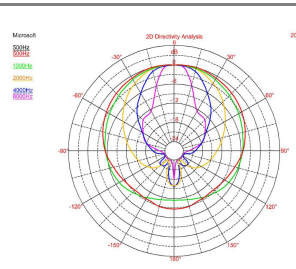
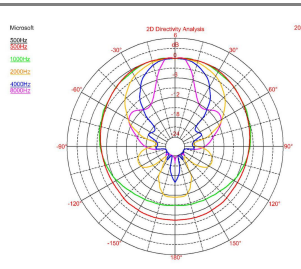
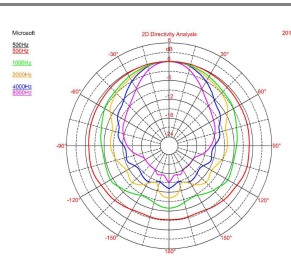
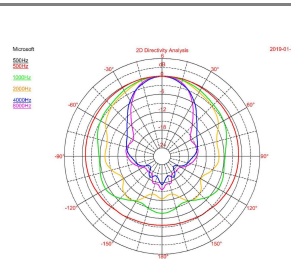
EN54-24:2008
CPR Certificate

MAX. SPL
100.3dB

Sensitivity
86.3dB

Transformer
100V (24W–12W–6W)

IP Rating
IP54

Technical Parameters	DSP602EN	DSP5311EN	DSP2254EN	DSP207EN	DSP217EN
					
Frequency response: measurement on IEC standard baffle, SPLMAX @ 4m					
Impedance: measurements at different power taps					
	6W – 3W – 1.5W	**12W – 6W – 3W**	**6W – 3W – 1.5W**	**12W – 6W – 3W**	**24W – 12W – 6W**
Polar diagram: Horizontal = Vertical					

Model	DSP602EN 	DSP5311EN 	DSP2254EN 	DSP207EN 	DSP217EN 
Standards	EN54-24:2008 Loudspeaker for voice alarm system for fire detection and fire alarm system	EN54-24:2008 Loudspeaker for voice alarm system for fire detection and fire alarm system	EN54-24:2008 Loudspeaker for voice alarm system for fire detection and fire alarm system	EN54-24:2008 Loudspeaker for voice alarm system for fire detection and fire alarm system	EN54-24:2008 Loudspeaker for voice alarm system for fire detection and fire alarm system
Environment Class EN54-24	Type A, indoor applications	Type A, indoor applications	Type A, indoor applications	Type A, indoor applications	Type A, indoor applications
IP rate protection (EN60529)	IP21C	IP21C	IP21C	IP54	IP54
Way no. / Speaker type	1-way dual cone, full range Ø165mm	1-way dual cone, full range Ø165mm	1-way dual cone, full range Ø165mm	1-way dual cone, full range Ø130mm	2-way Ø130mm coaxial speaker, neodymium tweeter
Transformer	100V (6W – 3W – 1.5W)	100V (12W – 6W – 3W)	100V (10W – 5W – 2.5W)	100V (12W – 6W – 3W)	100V (24W – 12W – 6W)
In-axis Freq. response (-10dB)	350–20,000Hz	230–16,000 Hz	350–18,000Hz	110–18,000Hz	110–20,000Hz
Sensitivity (@1m, 1W)	88dB	89dB	90dB	86.3dB	86.3dB
SPL max (@1m, Pmax)	96dB	100dB	100dB	97.2dB	100.3dB
Coverage angle (-6dB)	281° (500 Hz), 170° (1 kHz), 87° (2 kHz), 52° (4 kHz), 30° (8 kHz)	180° (500 Hz), 95.6° (1 kHz), 116° (2 kHz), 48° (4 kHz), 35° (8 kHz)	360° (500 Hz), 236° (1 kHz), 86° (2 kHz), 64° (4 kHz), 27° (8 kHz)	360° (500 Hz), 253.5° (1 kHz), 125.5° (2 kHz), 86.8° (4 kHz), 59.4° (8 kHz)	360° (500 Hz), 258° (1 kHz), 128° (2 kHz), 63.6° (4 kHz), 58° (8 kHz)
Directivity Index DI (dB)	2.8 (500 Hz), 4.0 (1 kHz), 7.1 (2 kHz), 9.2 (4 kHz), 11.3 (8 kHz)	-3.8 (500 Hz), 3.4 (1 kHz), 5.1 (2 kHz), 9.1 (4 kHz), 10.8 (8 kHz)	2.6 (500 Hz), 3.3 (1 kHz), 7.1 (2 kHz), 8.5 (4 kHz), 10.8 (8 kHz)	1.3 (500 Hz), 3.9 (1 kHz), 5.4 (2 kHz), 6.7 (4 kHz), 8.2 (8 kHz)	1.4 (500 Hz), 3.9 (1 kHz), 5.2 (2 kHz), 8.4 (4 kHz), 8.5 (8 kHz)
Directivity Factor Q	1.9 (500 Hz), 2.5 (1 kHz), 5.1 (2 kHz), 8.4 (4 kHz), 13.6 (8 kHz)	0.4 (500 Hz), 2.2 (1 kHz), 3.2 (2 kHz), 8.2 (4 kHz), 12 (8 kHz)	1.8 (500 Hz), 2.2 (1 kHz), 5.2 (2 kHz), 7.0 (4 kHz), 12.0 (8 kHz)	1.4 (500 Hz), 2.4 (1 kHz), 3.5 (2 kHz), 4.6(4 kHz), 6.6 (8 kHz)	1.4 (500 Hz), 2.4 (1 kHz), 3.3 (2 kHz), 6.9(4 kHz), 7.0 (8 kHz)
Nominal/Music power	6W / 12W	12W / 24W	10W / 20W	12W / 24W	24W / 48W
Nominal Impedance @ 1kHz	1.66kΩ (6W), 3.33kΩ (3W), 6.66kΩ (1.5W)	833Ω (12W), 1.66kΩ (6W), 3.33kΩ (3W)	1kΩ (10W), 2kΩ (5W), 4kΩ (2.5W)	833.3Ω (12W), 1.66kΩ (6W), 3.33kΩ (3W)	416.6 Ω (24W), 833.3Ω (12W), 1.66kΩ (6W)
Dimensions Ø - P	190mm – 108mm	203mm – 95mm	200mm – 100mm	140mm - 240mm	140mm - 240mm
Aluminium bracket	/	/	/	140mm - 152mm	140mm - 152mm
Aluminium bracket	1.0kg	1.02kg	1.11kg	1.2kg	1.46kg
Material	ABS V0 type, painted grid in aluminum	ABS V0 type	Steel dome, painted grid in aluminum	ABS V0 type – painted grid in aluminium	ABS V0 type – painted grid in aluminium
Colour	White	White	White and red	White	White
Connections	Ceramic connector and thermal fuse	Ceramic connector and thermal fuse	Ceramic connector and thermal fuse	Ceramic connectors and thermal fuse	Ceramic connectors and thermal fuse

PAVA9000 Public Address and Voice Alarm System delivers efficient and reliable large-scale audio coverage and emergency voice notification, featuring clear sound transmission and stable performance. It works smoothly with various professional loudspeakers to provide an optimal broadcasting experience in different indoor environments.

APPLICATIONS RECOMMENDED

This system is positioned as a small emergency broadcasting system, mainly used in small shopping malls, small office buildings and exhibition halls, etc.













PAVA9000

Integrated PA & Voice Alarm System



EN54 Compliant

IP Network

Main/Backup

MAX. 160 Zones

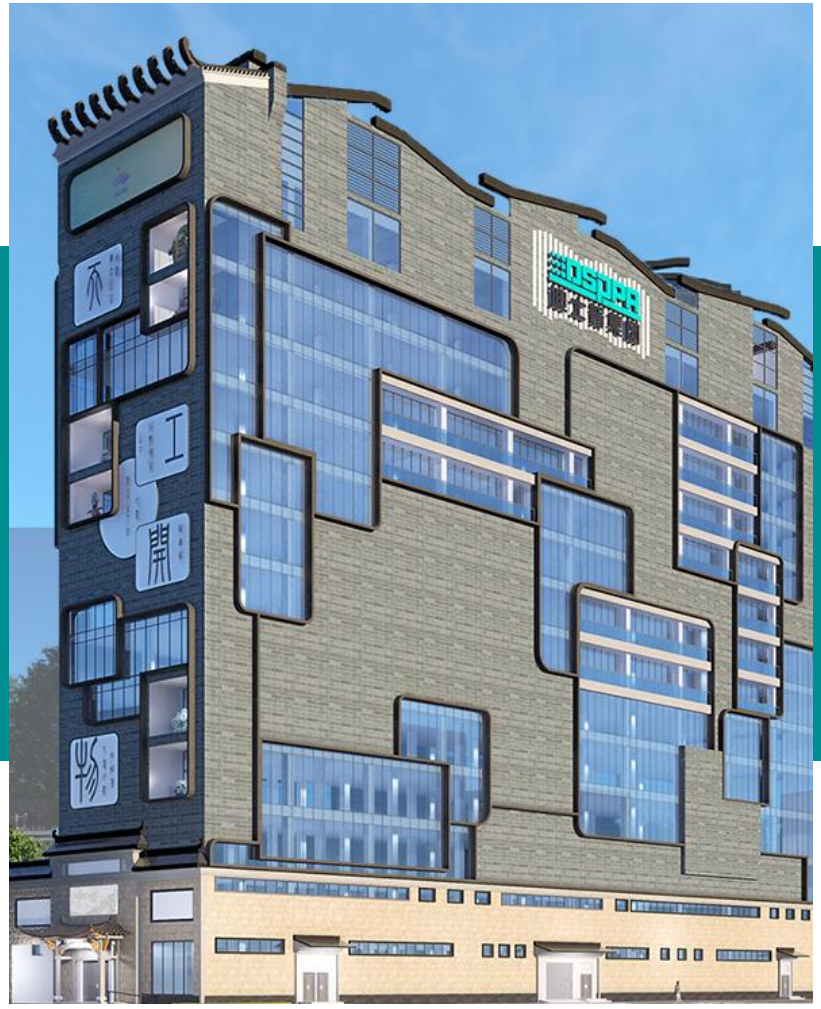
Zone Paging

One-Key Alarm

Fire Linkage

Line Detection

Software Control



CREATING THE BEST

SOUNDING THE WORLD

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