

WS Series is professional compact indoor/outdoor loudspeaker for background/foreground music. It can be used in various applications from small-sized venues to mid/large-sized venues. It can be installed with steel-made durable U bracket or rotatable Knuckle bracket by user's demand.



FEATURES

- **A Selection of Line-up**
- **70V/100V multi-tap transformer**
- **Compact size with high power**
Depending on the sizes, the series provides high output just with a small unit using 1Way Full-range (WS-15T) or 2Way Passive (WS-30T/50T/80T) speaker system.
- **Asymmetric horn for the optimized sound system.**
- **Weather resistant design**
- **Sound quality of professional audio**
- **Easy installation**

SPECIFICATION

Model	WS-15T	WS-30T	WS-50T	WS-80T
Type	2.5" Full-range Wall Mount Speaker	4" 2Way Passive Wall Mount Speaker	5" 2Way Passive Wall Mount Speaker	6.5" 2Way Passive Wall Mount Speaker
Unit	2.5"	WF : 4", TW : 13mm	WF : 5", TW : 13mm	WF : 6.5", TW : 13mm
Power Handling (AES)	15W	30W	50W	80W
Input Power	100V	15W	30/15W	50/25W
	70V	-	-	-
Impedance	100V	666Ω	333/666Ω	200/400Ω
	70V	-	-	-
	LOW	8Ω	8Ω	8Ω
Power Selection	By Terminal	By Terminal	By Terminal	By Terminal
Frequency Range(-20%)	90~20kHz	60~20kHz	60~20kHz	55~20kHz
Sensitivity (1W/1m, 1kHz)	97 dB	92dB	92 dB	93 dB
Maximum SPL[Cont]	109dB	107dB	109dB	112dB
Nominal Dispersion(HxV)	1kHz	360°	210° / 300°	210° / 270°
	4kHz	130°	130° / 210°	90° / 90°
Input Connector	3P Screw Terminal	4P Screw Terminal	4P Screw Terminal	4P Screw Terminal
Enclosure Material	ABS	ABS	ABS	ABS
Enclosure Color	Black/White	Black/White	Black/White	Black/White
Grill Material	Metal Grill	Metal Grill	Metal Grill	Metal Grill
Grill Color	Black/White	Black/White	Black/White	Black/White
Weights (Net)	0.89kg	1.71kg	2.33kg	3.56kg
Dimensions (Net, WxHxD, mm)	92 x 120 x 114	139 x 210 x 129	173 x 250 x 150	210 x 311 x 169
Weather Resistant	IP54	IP54	IP54	IP54
Flame Resistant	-	-	-	-
Certification	-	-	-	-
Included Accessories	Knuckle Bracket, Safety Wire	U Bracket, Safety Wire	U Bracket, Safety Wire	U Bracket, Safety Wire

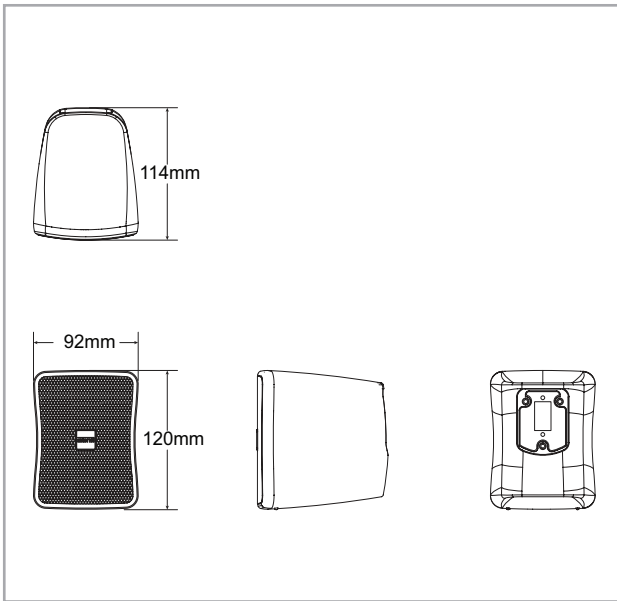
WS-15T/30T/50T/80T

Wall
Speaker

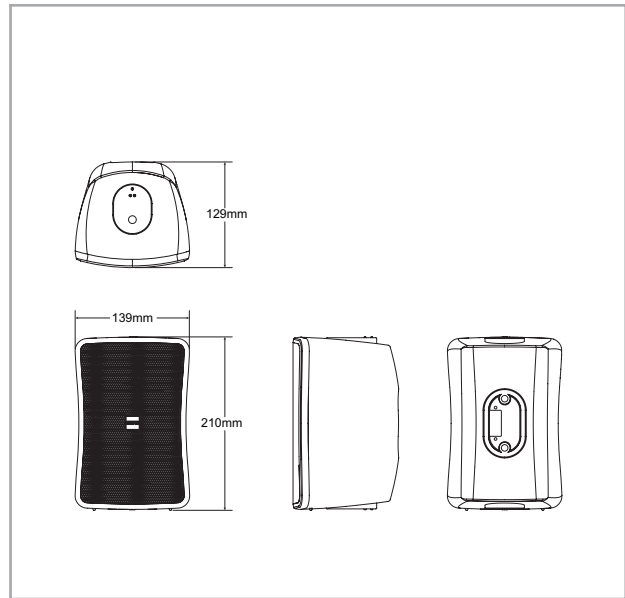
TECHNICAL DATA

DIMENSION

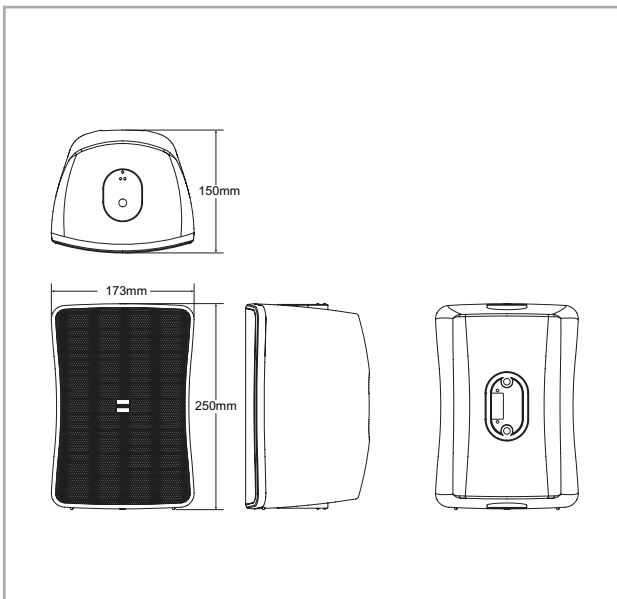
• WS-15T



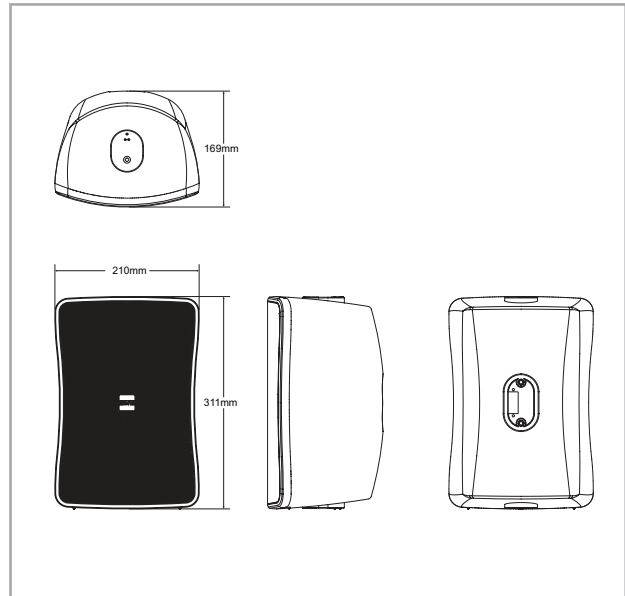
• WS-30T



• WS-50T



• WS-80T



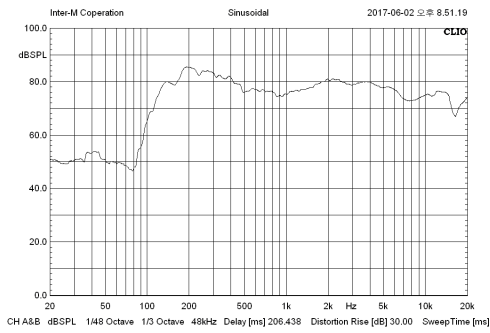
Wall Speaker

WS-15T/30T/50T/80T

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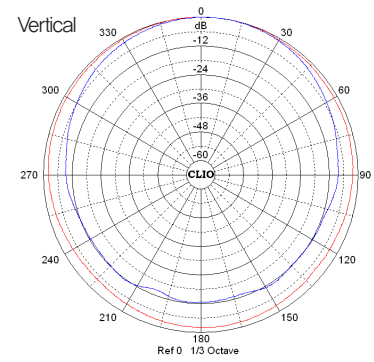
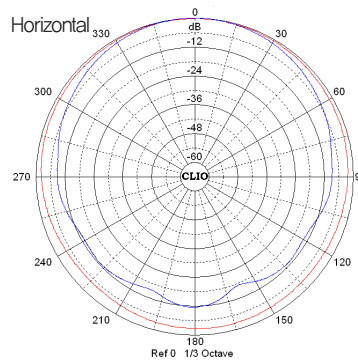
FREQUENCY RANGE

• WS-15T

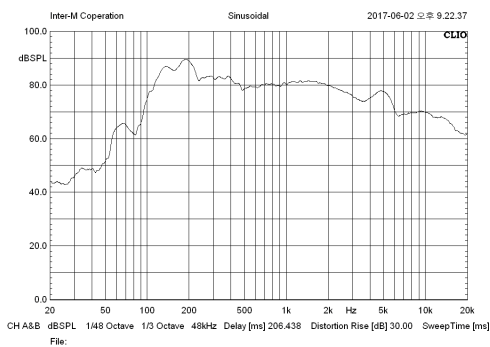


POLAR PATTERN (1kHz)

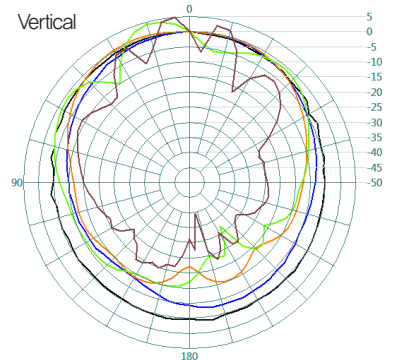
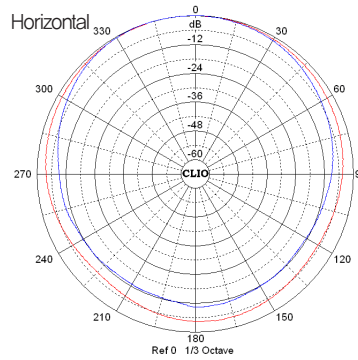
• WS-15T



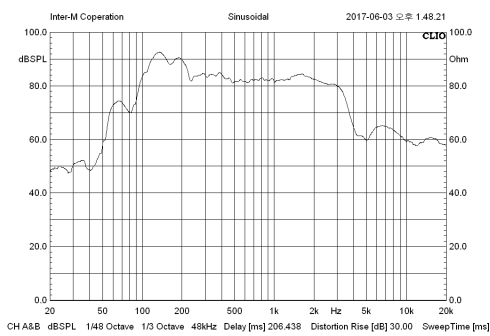
• WS-30T



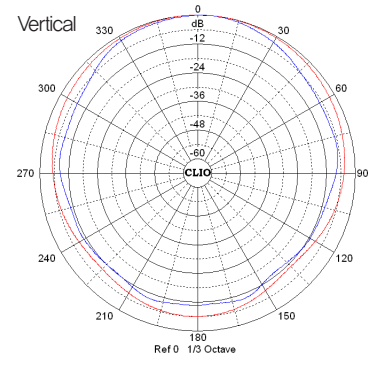
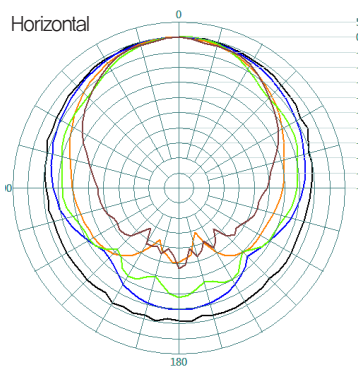
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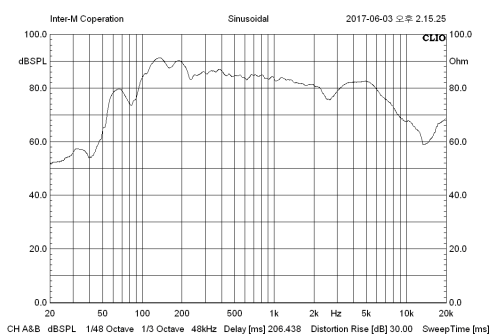
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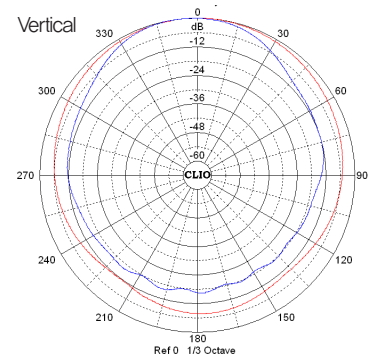
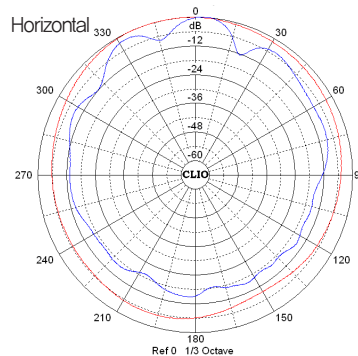
• WS-50T



• WS-80T



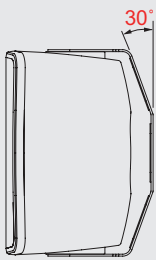
• WS-80T



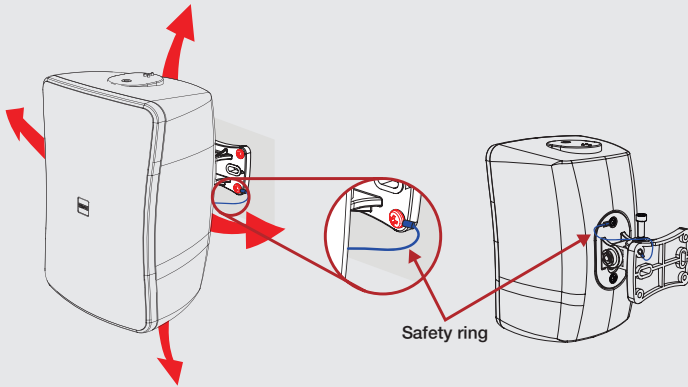
WS-15T/30T/50T/80T

Wall
Speaker

SPEAKER INSTALLATION GUIDE

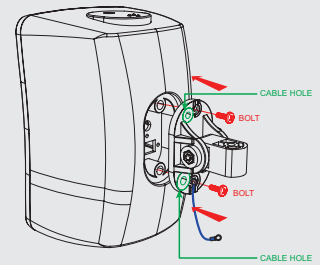


U Bracket



Knuckle Bracket

STEP 02



Back Cover