

# WS Series

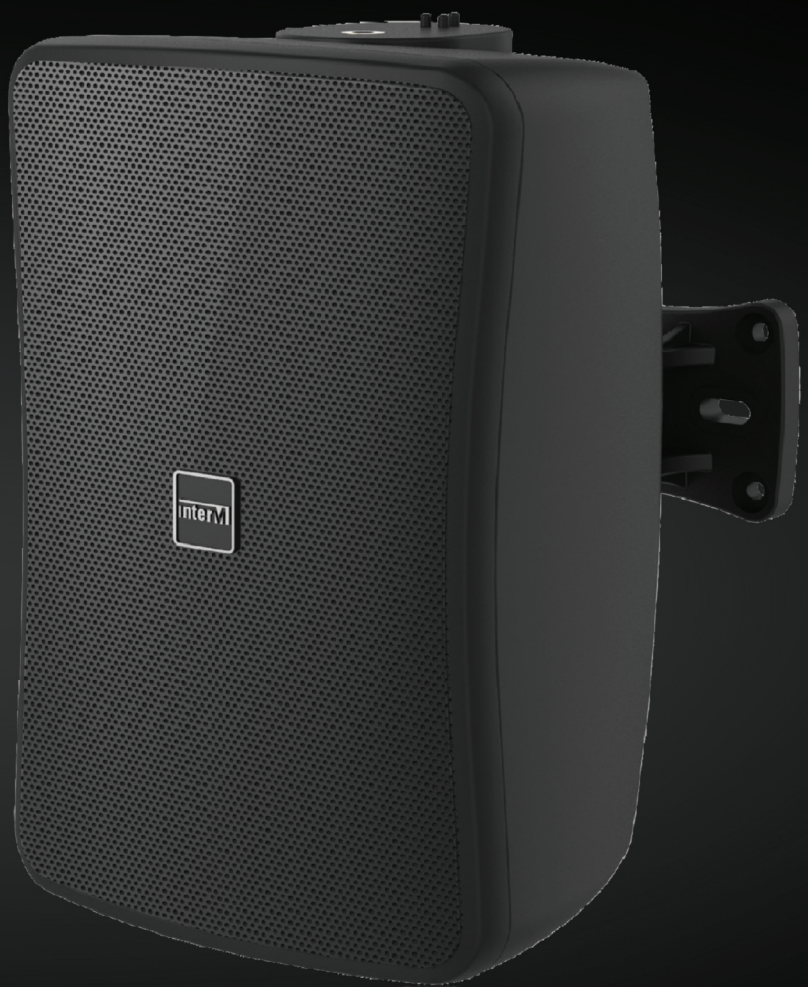
Installation Speaker

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



**interM**





## Development Background

All new WS Series is composed of beautiful Fashion Speakers that perfectly suit in places like cafe, restaurant, front desk, conference room and park where the design of the speakers matters more than other places. Unlike the previous version that was mainly used as a monitor and auxiliary speaker, the new series is optimized to play high quality BGM. Plus, it has a useful line-up of wide output from 15W to 80W and 2.5" super small-sized to most widely used 6.5" sized.

Aesthetic design of the WS Series is an output of analyzation of ideas and feedback received from buyers all around the world. Not only the beautiful design but the size of the series and 2 Way construction perfectly suit to maximize the output of the speakers. The WS Series possesses superior specifications compare to other companies' products especially with sound pressure, frequency response and damp-proofing. It also adopts U Bracket to adjust angle conveniently and Tap of 70V/100V and 8 $\Omega$  which can be used in any countries around the world. Now, experience Inter-M's modern the WS Series with both eyes and ears!





# FEATURES

## A Selection of Line-up

The WS Series is 4 models with different sizes and output ranges to suit various purposes. Sizes are from 2.5” super small-sized to 4”, 5” and 6.5” and output of 15W, 30W, 50W and 80W are available. Plus, there are black and white color available which even gives you more options to satisfy your needs!



## Powerful but Compact

Ws series is way more efficient compare to other products from different companies. It is definitely powerful but compact!

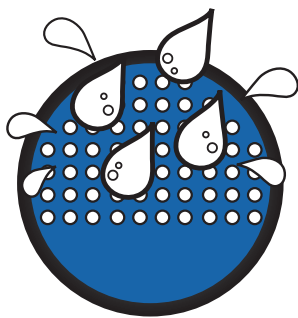
	Company A	Company B	WS-30T
Power	30W	30W	30W
Unit Size	5"	5 1/4"	4"

	Company A	Company B	WS-50T
Power	60W	40W	50W
Unit Size	8"	5 1/4"	5"

## Supreme-quality Low/High Trans

It is designed of high/low impedance to be used in any countries around the world. 5 Taps in 100V/70V and 8Ω have been adopted and can provide clear BGM play suitable for broadcasting with various uses.

	WS-15T	WS-30T	WS-50T	WS-80T
LOW	8Ω	8Ω	8Ω	8Ω
HIGH(100V/70V)	15/10/5/3 (W)	30/15/7.5/3.8/1.9 (W)	50/25/13/6.5/3.3 (W)	80/40/20/10/5 (W)



## Water and damp-proof of IP34!

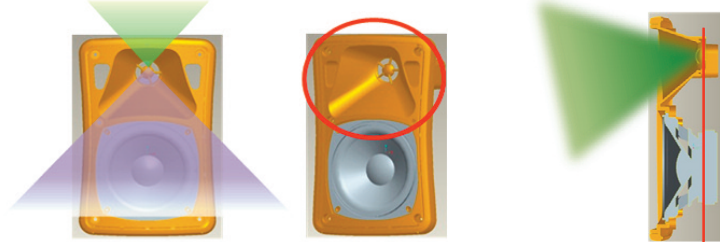
The WS Series obtained water and damp-proof rate of IP34, international certificate. IP34 protects from solid objects over 2.5mm and liquid from 360 ° . So, the WS Series can provide supreme quality in/outside.





## Asymmetric Horn and Voice Coil Align

Location of the speaker unit is very essential to play clear sound. If woofer and horn is misarranged, time delay between the Bass and Treble occurs and audience is exposed to distorted sound. WS Series adjusted voice coil of the woofer and horn to keep it balanced and minimize sound distortion in crossover range. Also, it is designed with aramid vibration panel to enhance damp-proofing. With its asymmetric horn, it offers the best quality sound.



asymmetric horn

Voice coil alignment

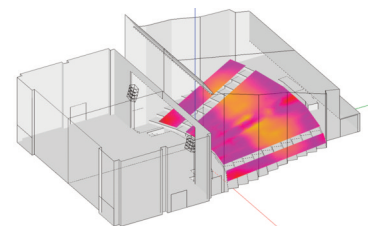
## Aesthetic Design

WS Series design with actively adopted ideas and feedbacks of buyers all around the world is made to deliver output of the speaker most efficiently. It brightens the venues not only with its supreme quality sound but also with beautiful and modern design.



## Ease of Installation

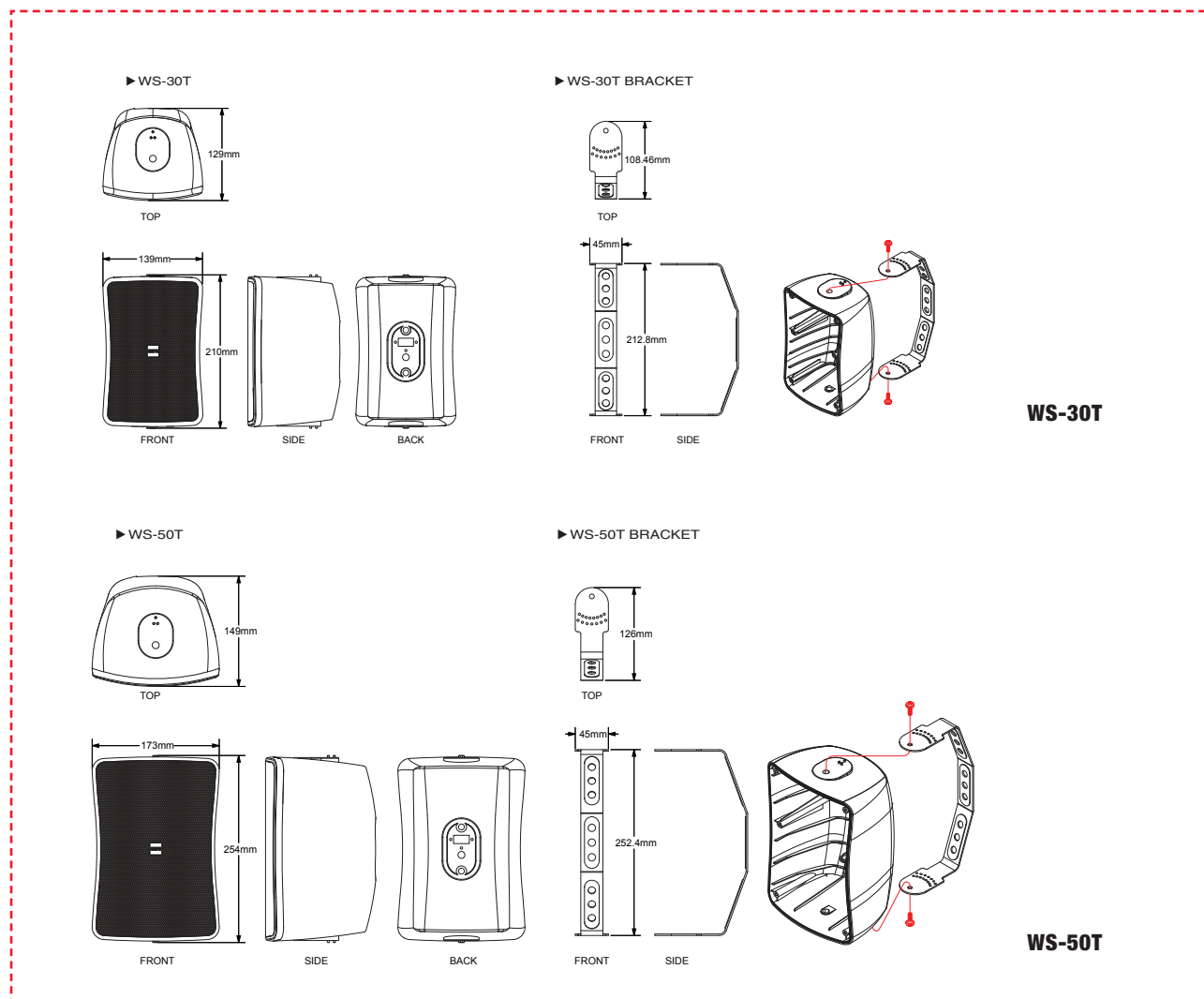
With 4 insert points on the rear panel of the upper and lower parts and additionally provided U Bracket, WS Series can be closely installed on the wall or ceiling. It can flexibly be installed in various venues.



## EASE, EASE Focus Data

To build high-fidelity sound system, it provides EASE and EASE Focus simulation. Using this data, system designers can do 3D simulation more precisely and predict pre-construction sound pressure and clarity to build place-optimized sound system.

# DRAWING



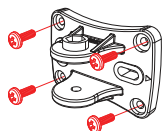
# SPECIFICATIONS

MODEL		WS-15T	WS-30T	WS-50T	WS-80T
TYPE		1 way full range	2 way passive	2 way passive	2 way passive
FREQUENCY RANGE (-10dB)		TBD	110Hz~20kHz	110Hz~20kHz	TBD
Sensitivity (1m/1W)		TBD	86dB	85dB	TBD
COMPONENT	LF	2.5" full range	4" PP cone	5" PP cone	6.5" PP cone
	HF		13mm Semi	13mm Semi	1" soft dome
POWER HANDLING	Cont	15W (RMS)	30W (RMS)	50W (RMS)	85W (RMS)
	Prog	30W	60W	100W	160W
	Peak	60W	120W	200W	320W
NOMINAL IMPEDANCE (Ω)	LOW	8Ω	8Ω	8Ω	8Ω
	100V	15/10/5/3 (W)	30/15/7.5/3.8/1.9 (W)	50/25/13/6.5/3.3 (W)	80/40/20/10/5 (W)
	70V				
CONNECTORS		Screw terminal 2P			
ENCLOSURE MATERIAL		ABS RESIN			
Dimensions(WxHxD)		TBD	139×210×129mm	173×250×149mm	TBD

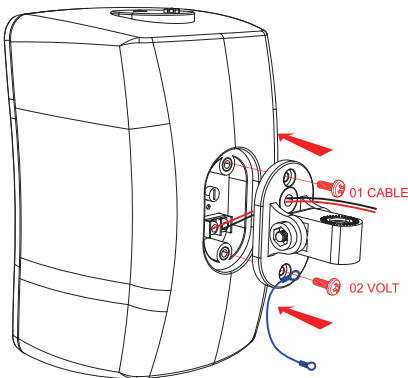


# BRACKET INSTALLATION (OPTION)

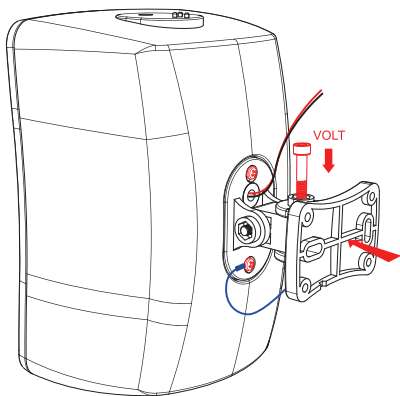
SPEP 01



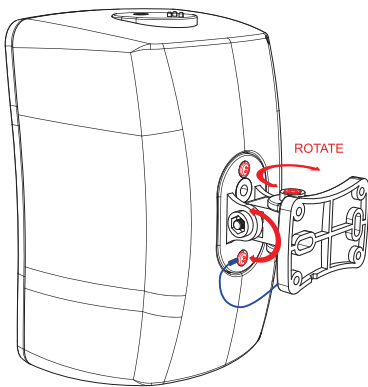
SPEP 02



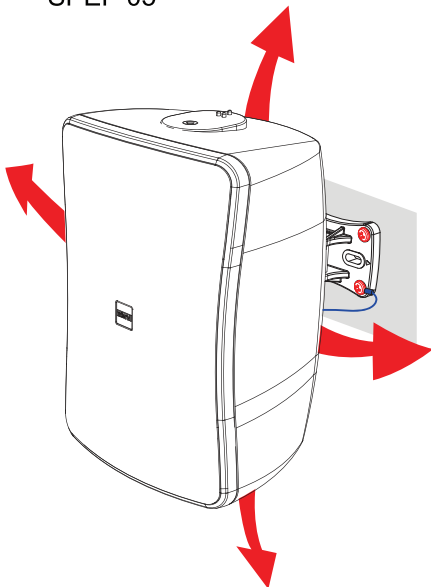
SPEP 03



SPEP 04



SPEP 05





**Inter-M Corp. (IMK)**

719, Dobong-ro, Dobong-gu, Seoul, Korea  
Overseas Sales Team

Tel\_ +82-2-2289-8141~7 Fax\_ +82-2-2289-8149 E-mail\_ overseas@inter-m.com

[www.inter-m.com](http://www.inter-m.com)

※ Design and specification are subject to be changed for the improvement of product quality without pre notice.

2016. 1. V3