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# HORN SPEAKER

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HS-S20/20/20RT/  
HS-30/30RT/40RT/50



Horn  
Speaker

# HS SERIES



## Korea standard speaker (KS standard)

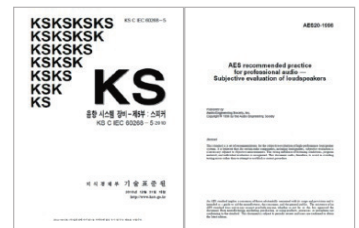


Inter-M acquired a KS certification for speaker system as the first's Korea speaker system manufacturer.

The relevant certification is given to the factory of Korea speaker system manufacturer.

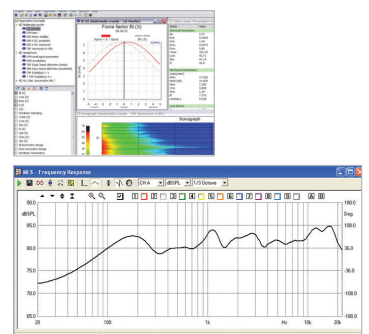
It ensures KS standard observance for all speakers in the certification items manufactured at the relevant facilities.

Furthermore, Inter-M speaker provides the durability and reliable quality to user by adding the AES, CEA standard used in the domestic, international market to test list apart from KS standard.



## Thorough quality control

The only products passing a 5 test including a frequency response, harmonics, lumbers are assigned with 'PASS' to provide a stable and equal quality in the market. The relevant test is proceeded through the automation equipment and support the exact verification about the products.



# Horn Speaker

## RECOMMENDED USE RANGE

SERIES	Model	F - R	10 M	20 M	25 M	30 M	35 M	40 M	45 M	50 M
HS	HS-20	350 Hz-5.5 kHz	HS-20							
	HS-30	250 Hz-5 kHz	HS-30							
	HS-50	250 Hz-5 kHz	HS-50							
HS-T	HS-20RT	300 Hz-5 kHz	HS-20RT							
	HS-30RT	250 Hz-5 kHz	HS-30RT							
	HS-40RT	250 Hz-5 kHz	HS-40RT							

\*measured by 90dB

## WATERPROOF AND DAMPPROOF OUTDOOR SPEAKER

The Horn Speaker offers the perfect performance not only indoor but outdoor. It is over IP-65 waterproof rated and EN-54-24(European standard of voice alert alarm for fire emergency) of 4.4.3 IP class.



## MATCHING OF SPEAKER AND AMPLIFIER



20 W × 15



600 W

Previous PA System is composed of speakers for emergency broadcasting and announcement. On the other hand, recent PA System has high demand in not only speaker announcements but BGM as well. In order to meet the needs of the customer, Inter-M has launched a speaker line with much higher amplifier output.



Horn  
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Horn Speaker of Inter-M delivers high sound pressure and precise control of the sound. It is not easily bent or broken as it is made up of very strong materials such as aluminum and by zinc die-casting.

The Horn Speaker is movable from 180° up-and-down and 360° left to right. It is designed to mount on the wall very easily. In addition, it perfectly operates under any climates as being accredited by EN-54-24(European Standard of audio announcements of loud speaker for fire alarm) with IP 65 Class.

### FEATURES

- Excellent intelligibility & Loudness for Voice and Tone Signaling
- High directivity
- Good reliability
- Environment Resistant for Outdoor and Indoor Use
- High-Efficiency Driver with Proven Performance
- Transformer Equipped for Versatile 25, 70.7, or 100 V Line Applications

### IP CLASS

IP CLASS demonstrates how electricity and the electronic gadgets are protected from the exterior factors especially with water and dust.

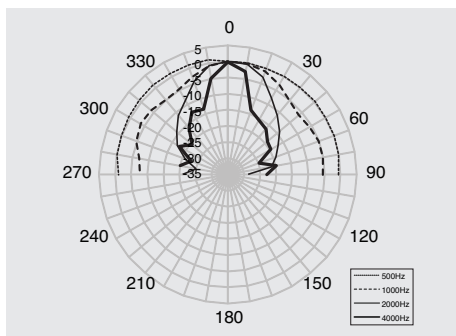
IP 65 Class, HS-20/30/50 obtained, is a high class accreditation that is only given to the ones that is highly protected by water, dust and various kinds of solid materials.





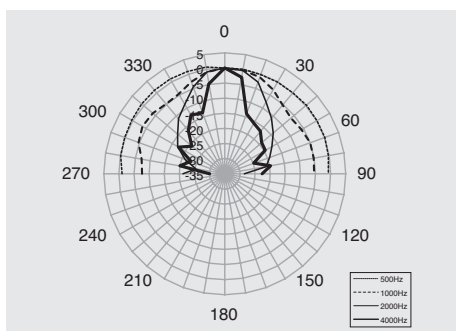
# Horn Speaker

## HS-S20

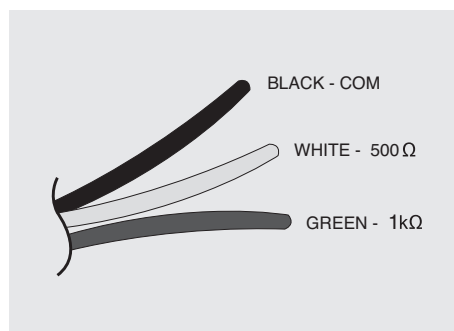


	HS-S20
Rated Power	20 W
Impedance	8 $\Omega$ , 500 $\Omega$ , 1 k $\Omega$
Frequency Response	350 Hz~6.5 Hz
SPL	103 dB
IP Ratings	65IP
Operating Temperature, Dust and Humidity	-45 °C~50 °C
Weight	2.1 kg
	4.6 lbs
Dimension (W×H×D)	169(Ø)×280 mm
	6.7(Ø)×11 in

## HS-20



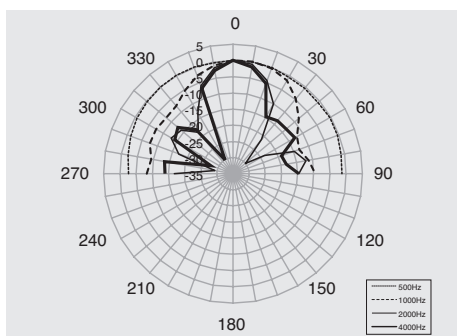
Model	HS-20
Type	1 Way
Rated Input	20 W
Frequency Response	350 Hz~5.5 kHz
SPL	106 dB
Impedance	500 $\Omega$ /1 K $\Omega$
Dimensions	250 $\Phi$ ×280
IP Rating	IP65



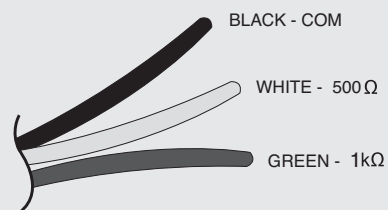
# Horn Speaker

## HS SERIES

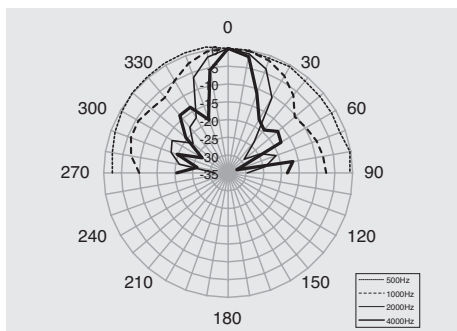
### HS-20RT



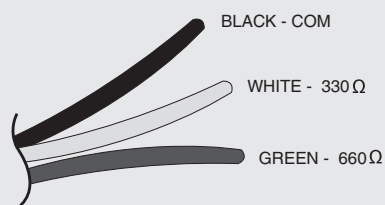
Model	HS-20RT
Type	1 Way
Rated Input	20 W
Frequency Response	300 Hz-5 kHz
SPL	104 dB
Impedance	500 $\Omega$ /1 k $\Omega$
Dimensions	250 × 197.5 × 310
IP Rating	IP65



### HS-30



Model	HS-30
Type	1 Way
Rated Input	30 W
Frequency Response	250 Hz-5 kHz
SPL	106 dB
Impedance	330 $\Omega$ /660 $\Omega$
Dimensions	280 $\Phi$ × 350
IP Rating	IP65

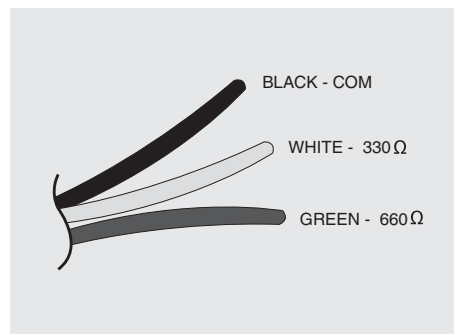
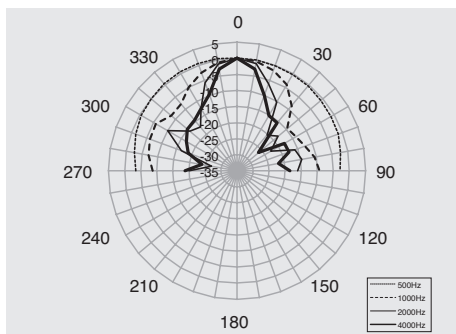


# Horn Speaker

## HS-30RT



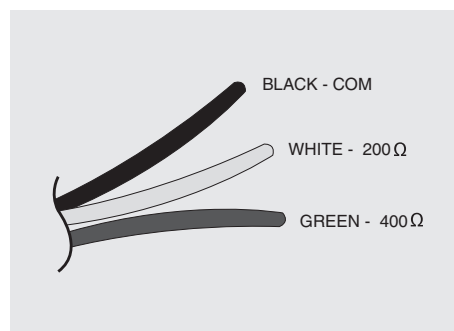
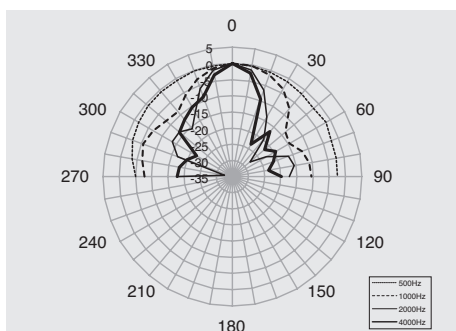
Model	HS-30RT
Type	1 Way
Rated Input	30 W
Frequency Response	250 Hz-5 kHz
SPL	106 dB
Impedance	330 $\Omega$ /660 $\Omega$
Dimensions	320 × 210 × 365
IP Rating	IP65



## HS-40RT



Model	HS-40RT
Type	1 Way
Rated Input	40 W
Frequency Response	250 Hz-5 kHz
SPL	106 dB
Impedance	250 $\Omega$ /500 $\Omega$
Dimensions	320 × 210 × 365
IP Rating	IP65



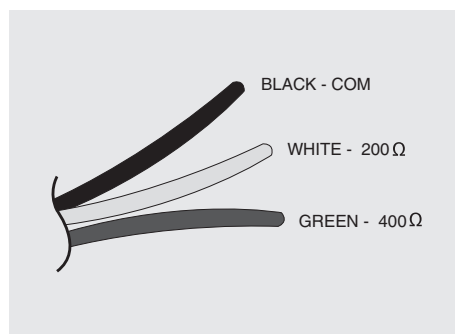
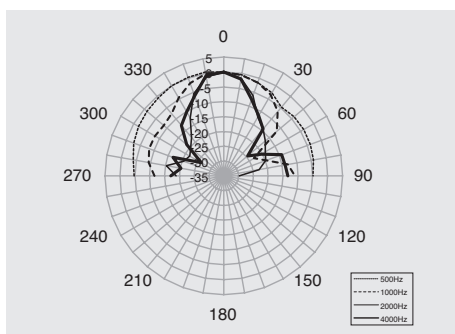
# Horn Speaker

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### HS-50



Model	HS-50
Type	1 Way
Rated Input	50 W
Frequency Response	250 Hz-5 kHz
SPL	106 dB
Impedance	200 $\Omega$ /400 $\Omega$
Dimensions	320 $\Phi$ × 350
IP Rating	IP65





NOTE





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

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