
HORN SPEAKER

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



Horn
Speaker

HS SERIES



Korea standard speaker (KS standard)

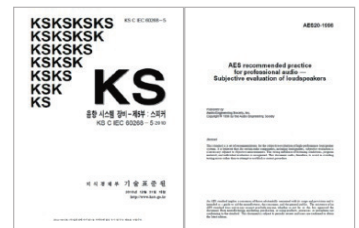


Inter-M acquired a KS certification for speaker system as the first's Korea speaker system manufacturer.

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

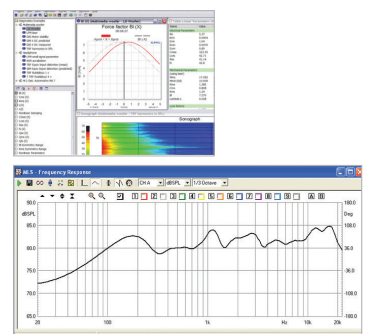
It ensures KS standard observance for all speakers in the certification items manufactured at the relevant facilities.

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.



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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

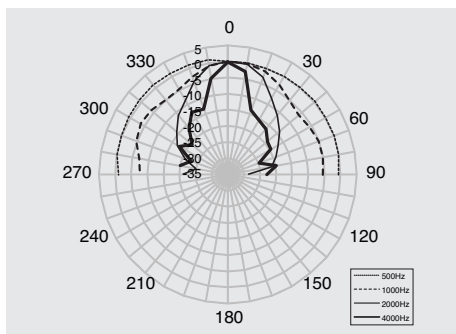
IP CLASS demonstrates how electricity and the electronic gadgets are protected from the exterior factors especially with water and dust.

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.



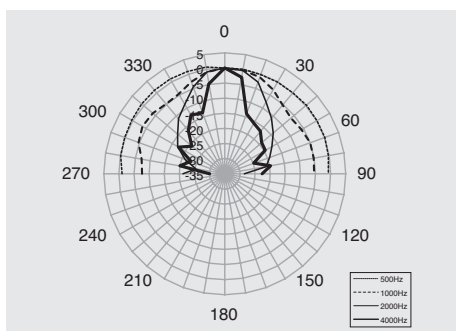
Horn Speaker

HS-S20

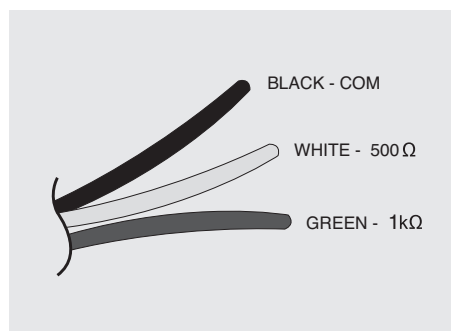


MODEL	HS-S20
TYPE	1Way
POWER HANDLING (AES)	20W
FREQUENCY RESPONSE(-10dB)	290Hz ~ 9.6kHz
FREQUENCY RESPONSE(-20%)	265Hz ~ 16kHz
MAXIMUM SPL[CONT]	108dB
IMPEDANCE	500Ω/1kΩ
DIMENSIONS (NET, WXHXD, MM)	169(∅) x 280(D)
WEATHER RESISTANT	IP65

HS-20



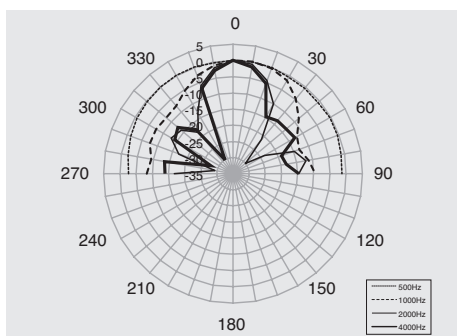
MODEL	HS-20
TYPE	1Way
POWER HANDLING (AES)	20W
FREQUENCY RESPONSE(-10dB)	290Hz ~ 8.3kHz
FREQUENCY RESPONSE(-20%)	268Hz ~ 13.7kHz
MAXIMUM SPL[CONT]	109dB
IMPEDANCE	500Ω/1kΩ
DIMENSIONS (NET, WXHXD, MM)	250(∅) x 280(D)
WEATHER RESISTANT	IP65



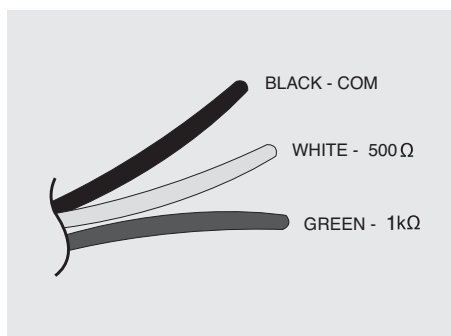
Horn Speaker

HS SERIES

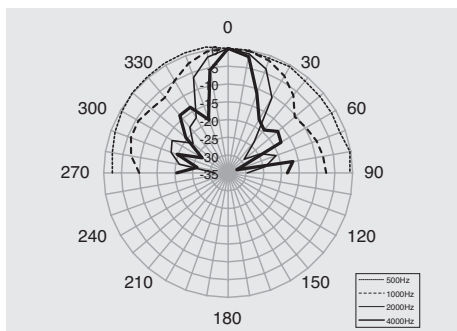
HS-20RT



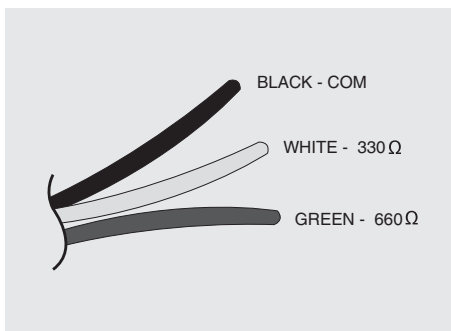
MODEL	HS-20RT
TYPE	1Way
POWER HANDLING (AES)	20W
FREQUENCY RESPONSE(-10dB)	280Hz ~ 7kHz
FREQUENCY RESPONSE(-20%)	257Hz ~ 14.1kHz
MAXIMUM SPL[CONT]	109dB
IMPEDANCE	500Ω/1kΩ
DIMENSIONS (NET, WXHXD, MM)	250 x 197.5 x 310
WEATHER RESISTANT	IP65



HS-30

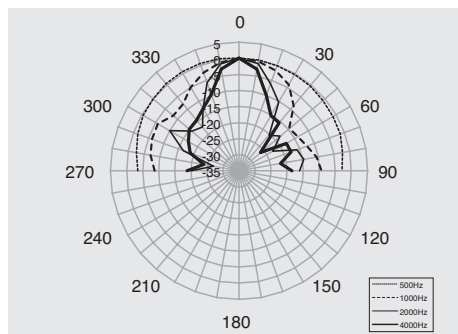


MODEL	HS-30
TYPE	1Way
POWER HANDLING (AES)	30W
FREQUENCY RESPONSE(-10dB)	245Hz ~ 8.5kHz
FREQUENCY RESPONSE(-20%)	220Hz ~ 13kHz
MAXIMUM SPL[CONT]	116dB
IMPEDANCE	330Ω/660Ω
DIMENSIONS (NET, WXHXD, MM)	280(∅) x 350(D)
WEATHER RESISTANT	IP65

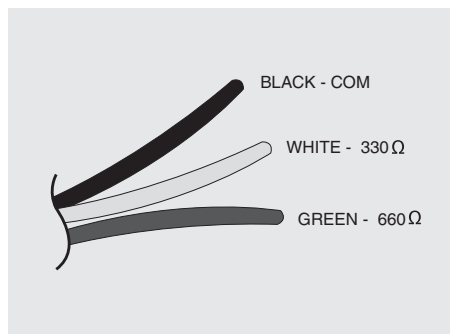


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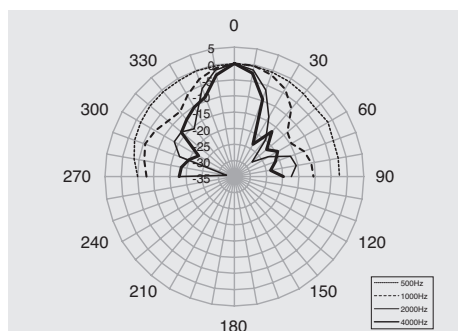
HS-30RT



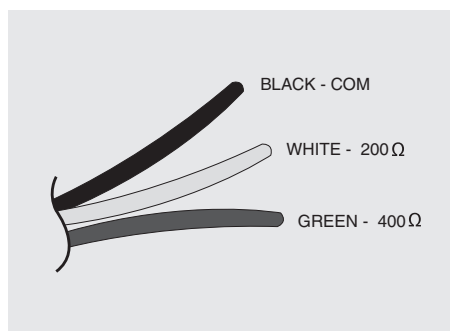
MODEL	HS-30RT
TYPE	1Way
POWER HANDLING (AES)	30W
FREQUENCY RESPONSE(-10dB)	240Hz ~ 6.3kHz
FREQUENCY RESPONSE(-20%)	210Hz ~ 15.4kHz
MAXIMUM SPL[CONT]	115dB
IMPEDANCE	330Ω/660Ω
DIMENSIONS (NET, WXHXD, MM)	320 x 210 x 365
WEATHER RESISTANT	IP65



HS-40RT



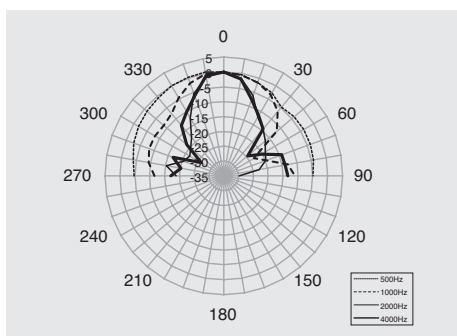
MODEL	HS-40RT
TYPE	1WAY
POWER HANDLING (AES)	40W
FREQUENCY RESPONSE(-10dB)	237HZ ~ 6kHz
FREQUENCY RESPONSE(-20%)	210HZ ~ 13kHz
MAXIMUM SPL[CONT]	115dB
IMPEDANCE	250Ω/500Ω
DIMENSIONS (NET, WXHXD, MM)	320 X 210 X 365
WEATHER RESISTANT	IP65



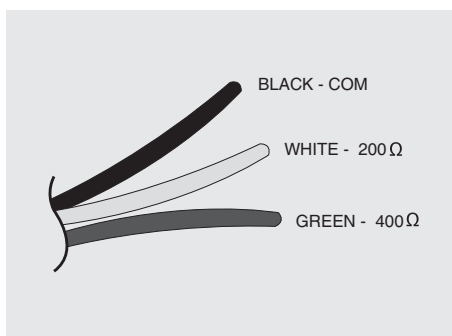
Horn Speaker

HS SERIES

HS-50



MODEL	HS-50
TYPE	1WAY
POWER HANDLING (AES)	50W
FREQUENCY RESPONSE(-10dB)	240HZ ~ 6kHz
FREQUENCY RESPONSE(-20%)	210HZ ~ 12.4kHz
MAXIMUM SPL[CONT]	116dB
IMPEDANCE	200Ω/400Ω
DIMENSIONS (NET, WXHXD, MM)	320(Ø) X 350(D)
WEATHER RESISTANT	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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