HORN SPEAKER

CH-410/420/430



interM

Horn Speaker

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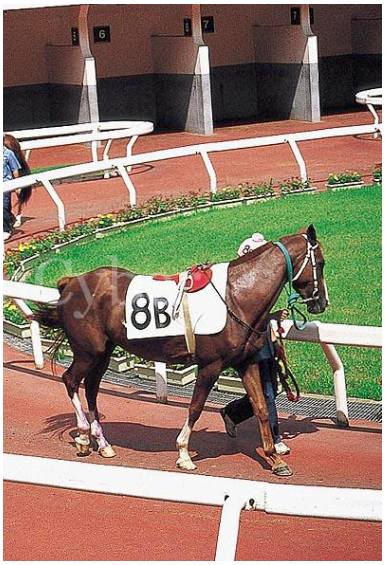
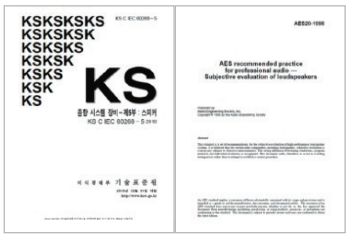




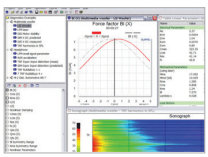
Korea standard speaker (KS standard)

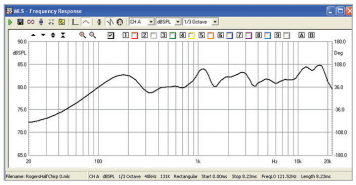
Inter-M acquired a KS certification for speaker system as the first's Korea speaker system manufacturer. The relevant certification is given to the factory of Korea speaker system manufacturer. It ensures KS standard observance for all speakers in the certification items manufactured at the relevant 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	10M	20M	25M	30M	35M	40M	45M	50M
CH	CH-410	110Hz ~ 15kHz	CH-410							
	CH-420	109Hz ~ 20kHz	CH-420							
	CH-430	109Hz ~ 20kHz	CH-430							

Waterproof and Damp-proof 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



20W x 15

=



600W

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 Speaker CH-410

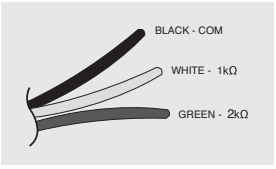


CH-410 horn speakers provide high sound pressure and straightness and are made of synthetic resin so they are not easily bent or broken even by strong impact.
it is possible to adjust by 240 degrees up and down and 135 degrees left and right so that it is easy to install speakers in wall or ceiling.

FEATURES

- 4″ full range applied
- For indoor and outdoor use
- Beautiful and reinforced waterproof design
- Wide frequency and clear sound quality
- Easy to adjust the bracket's angle
- Convenience of construction

- Cable connection by output



		CH-410
Type		4" Horn Speaker
Driver		4"
Power Handling (IEC)		20W
Input Power	100V	20/10W
Nominal Impedance	100V	500/1kΩ
Power Selection		-
Frequency Range (-20%)		110Hz ~ 15kHz
Sensitivity (1W/1m)		90dB
Maximum SPL		100dB
Nominal Dispersion (Conical)	1kHz	125.5° x 148.4°
	4kHz	51.9° x 47.3°
Input Connection		Bi-Wired
Enclosure Material		ABS-ASA
Enclosure Color		Gray
Grille Material		-
Grille Color		Black
Weight (Net)		3kg
Dimensions (Net, WxHxD, mm)		291 x 154 x 364
Weather Resistant		IP54
Flame Resistant		-
Certification		-
Included Accessories		BRACKET BASE

CH-420/430

Horn Speaker



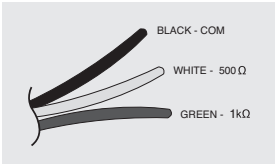
CH-420/430 horn speakers provide high sound pressure and straightness and are made of synthetic resin so they are not easily bent or broken even by strong impact.
it is possible to adjust by 240 degrees up and down and 135 degrees left and right so that it is easy to install speakers in wall or ceiling.

FEATURES

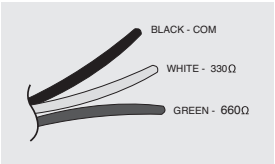
- 4″ full range applied
- For indoor and outdoor use
- Beautiful and reinforced waterproof design
- Wide frequency and clear sound quality
- Easy to adjust the bracket's angle
- Convenience of construction

- Cable connection by output

CH-420



CH-430



		CH-420	CH-430
Type		4" Horn Speaker	4" Horn Speaker
Driver		4"	4"
Power Handling (IEC)		20W	30W
Input Power	100V	20/10W	30/15W
Nominal Impedance	100V	500/1kΩ	330/660Ω
Power Selection		-	-
Frequency Range (-20%)		109Hz ~ 20kHz	109Hz ~ 20kHz
Sensitivity (1W/1m)		93dB	94dB
Maximum SPL		106dB	109dB
Nominal Dispersion (Conical)	1kHz	110° x 180°	110° x 170°
	4kHz	50° x 30°	40° x 30°
Input Connection		Bi-Wired	Bi-Wired
Enclosure Material		ABS-ASA	ABS-ASA
Enclosure Color		Gray	Gray
Grille Material		-	-
Grille Color		Black	Black
Weight (Net)		3.4kg	3.5kg
Dimensions (Net, WxHxD, mm)		291 x 154 x 364	291 x 154 x 364
Weather Resistant		IP54	IP54
Flame Resistant		-	-
Certification		-	-
Included Accessories		BRACKET BASE	BRACKET BASE

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