

CH-420

DATA SHEET



CH-420 | 20W Horn Speaker

CH-420 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.

Model :	CH-420
Speaker Category :	Horn
Made in :	Korea
Color :	Matt Gray
Standard:	Industrial Standard
Protection Rating:	IP54

GENERAL INFORMATION :

Ideal for indoor and outdoor use

Installation height: 3.5m

Max. Coverage Distance: 30m

Distance from Speaker: 1000m²,
8 x Speakers (Noisy 65dB Tap@20W)

Area Coverage per speaker: 30m²

PURPOSE OF USE :

High performance sound quality for background music & voice reproduction

PRODUCT FEATURES :

4" full range applied.
Beautiful and reinforced waterproof design.
Wide frequency and clear sound quality.
Easy to adjust the bracket's angle.
Convenience of construction.

SPECIFICATION :

Type :	4" Full-range Horn Speaker	
Input Power :	100V	20/10W
Impedance :	100V	500/1 kΩ
Frequency Response(-10dB) :	124Hz ~ 20kHz	
Frequency Range(-20%) :	109Hz ~ 20kHz	
Sensitivity (1W/1m, 1kHz) :	93dB	
Maximum SPL[Cont] :	106dB	
Nominal Dispersion	1kHz	110° x 180°
	4kHz	50° x 30°
Conical :		
Weight (Net) :	3.4kg	
Dimensions (Ø(WxH)xD)mm :	291 x 154 x 364	

SUITABLE APPLICATION AREA :

Amusement Park, Stadium / Playground, Garments / Textile Industries, Airport, Mosque, Garden, Swimming pool area, Beach Area etc.