

## L-VCM6B/EN(C) L-VCM6B/EN 5" Metal Ceiling Loudspeaker with Metal Dome

### Features

- Excellent sound reproduction
- Fire resistant cover with fire dome
- EN54-24 certified
- Available with or without capacitor(part number without "C")



### PRODUCT DESCRIPTION

The L-VCM6B/EN (C) is a voice alarm loudspeaker designed for flush in ceiling mount. It is ideal for even sound distribution. The loudspeaker has a built-in protector to ensure that, in the event of fire, damage to the loudspeaker does not result in failure of the loudspeaker circuit which is connected. In this way, system integrity is maintained and ensuring loudspeakers connected in the same circuit in other areas can still be used to inform people of the situation.

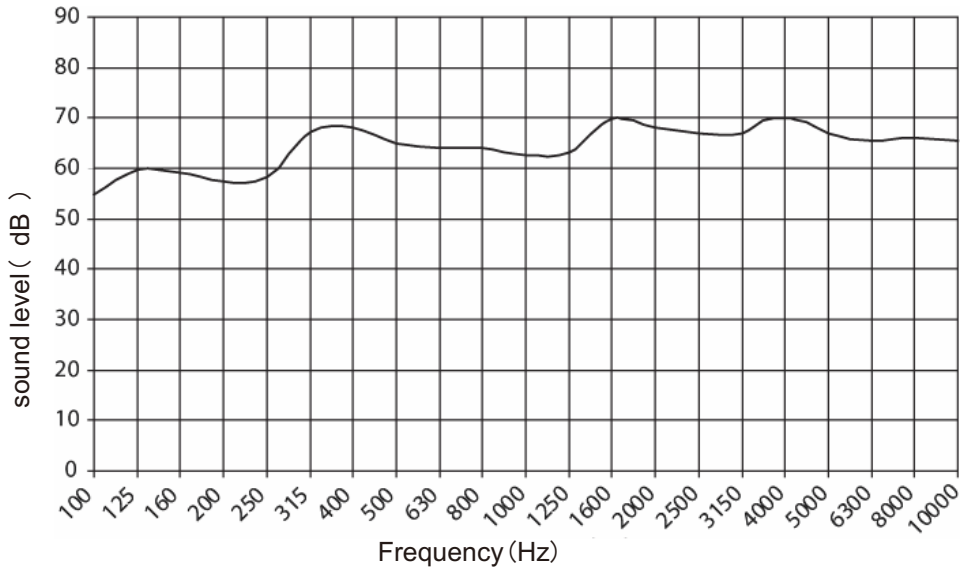
The loudspeaker and the fire dome can be easily installed using the mounting spring, sliding brackets and the wing nuts.

L-VCM6B/EN(C) is equipped with heat-resistant ceramic terminal blocks and a thermal fuse complying with EN54 part 24.

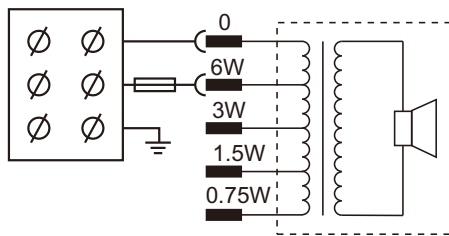
### TECHNICAL SPECIFICATIONS

Model	L-VCM6B/EN (C) L-VCM6B/EN
Max power	9 W
Rated power	6 W
Power taps @ 100V	6 W / 3 W / 1.5 W / 0.75 W
Power taps @ 70V	3 W / 1.5 W / 0.75 W / 0.375 W
SPL at 6W/1W (100 Hz-10 KHz,1m)	100dB / 91dB
SPL at 6W/1W (100 Hz-10 KHz,4m)	88dB / 79dB
Frequency range (-10dB)	180 Hz - 20 KHz
Dispersion angle(1 KHz /- 6dB)	175°
Rated input voltage	100 V / 70 V
Rated impedance	1.7k $\Omega$ / 3.3k $\Omega$ / 6.7k $\Omega$ / 13k $\Omega$
Connection	Ceramic Terminal
Dimensions	$\Phi$ 181 mm $\times$ 129 mm
Hole cut-out size	$\Phi$ 155 mm
Diameter of speaker	5"
Weight	1.29 kg
Front grill color	White (RAL 9003)
Dome color	Red (RAL3000)
Thermal Fuse	150°C
DC Blocking capacitor	Yes (2.2uF) L-VCM6B/EN(C)
	No L-VCM6B/EN

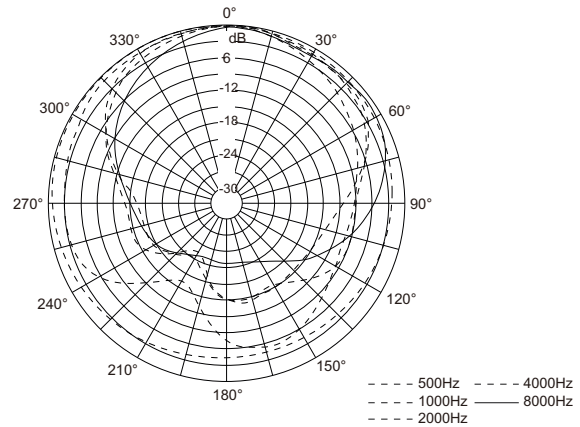
**FREQUENCY RESPONSE AT dBspl(20uPa)@4m,1W/41.2V INPUT,1/3 OCT SMOOTHING**



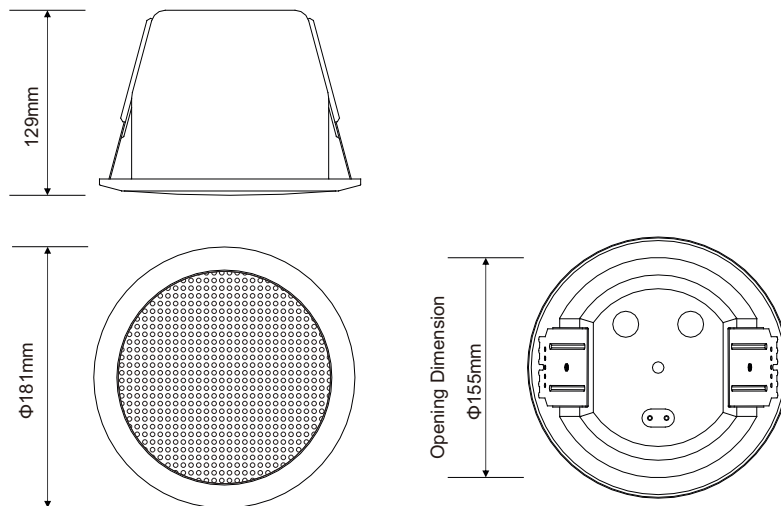
**CIRCUIT DIAGRAM**



**POLAR DIAGRAM**



**THREE-VIEW DIAGRAM**



**Honeywell Audiovisuals**

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