# IC K PRO SERIES

## 2-WAY CEILING SPEAKERS

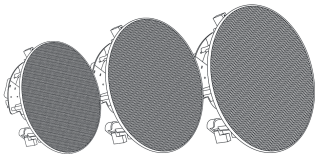
IC 5 K PRO | IC 6 K PRO | IC 8 K PRO

## TECHNICAL DATASHEET & CONNECTION GUIDE

English | Reference edition v1.0

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Branded reference copy - IC 5 K PRO / IC 6 K PRO / IC 8 K PRO



# OVERVIEW

Designed for commercial audio applications, these three ceiling speakers have a transducer made of Kevlar, obtaining high performance in speech intelligibility and musical clarity.

Its power selector makes it adapt to high impedance installations (with several positions depending on the model), and low impedance.

The body of the speaker is made of ABS plastic and its metal grille, fixed with magnets, covers almost the entire speaker, configuring a discrete element in any installation

## TECHNICAL DATA

| | IC 5 K PRO | IC 6 K PRO | IC 8K PRO |
|---|---|---|---|
| Type | 2-way ceiling speaker | 2-way ceiling speaker | 2-way ceiling speaker |
| Woofer | 5.25" Kevlar cone | 6.5" Kevlar cone | 8" Kevlar cone |
| Tweeter | 0,5" | 1" | 1" |
| Power taps (100V) | 20W/15W/10W | 30W/20W/10W/5W | 40W/30W/20W/10W |
| Low impedance | 30W @ 8Ω | 35W @ 8Ω | 45W @ 8Ω |
| Frequency response | 80 Hz – 20 kHz | 60 Hz – 20 kHz | 40 Hz – 20 kHz |
| Sensitivity | 94 dBSPL | 94 dBSPL | 94 dBSPL |
| Max. SPL (peak) | 114.8 dBSPL | 115.4 dBSPL | 116.5 dBSPL |
| Dispersion | 130º | 130º | 130º |
| Material | ABS (body) / metal (grille) | ABS (body) / metal (grille) | ABS (body) / metal (grille) |
| Mounting dimensions | 180 x 30 mm (max. thickness) | 202 x 30 mm (max. thickness) | 246 x 30 mm (max. thickness) |
| Dimensions (ØxD) | 204 x 84 mm | 232 x 90 mm | 282 x 105 mm |
| Weight | 0,92 kg | 1,1 kg | 1,6 kg |

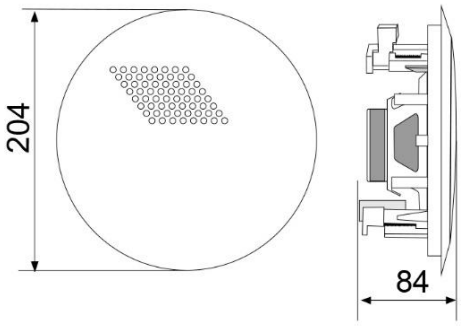
**IMPORTANT: The power taps are indicated for 100V line amplifier. If you use a 70V amplifier, consider that the power values are the half (20W in 100V are 10W in 70V)**

## FEATURES

- 2-way ceiling speaker.
- Kevlar cone.
- Grille covers almost the entire loudspeaker.
- 100V line with several power taps depending on the model.
- Low impedance connectivity (8 Ω).

# INSTALLATION

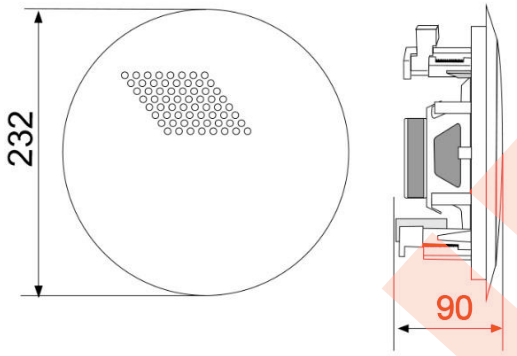
## IC 5 K PRO







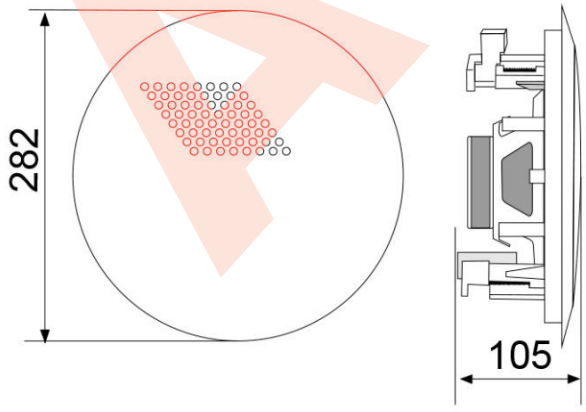
## IC 6 K PRO







## IC 8 K PRO







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# SAFETY INSTRUCTIONS

1. Read the instructions of this manual.

2. Keep these instructions in a safe place.

3. Heed all warnings.

4. Follow all instructions.

5. Please, respect your country safety regulations.

6. Don't use this device close to humidity places.

7. Don't install it near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Make certain that the equipment is always installed so that is cooled and can't overheat.

8. Only use attachments/accessories specified by the manufacturer.

9. The technical service is required when the device has been damaged in any way, such as liquid has been spilled or objects have fallen into the device, doesn't operate normally or has been dropped.

10. This device must be installed by a professional with experience and knowledge in electricity and audio distribution.

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