

IC-8 Ceiling Speaker Instruction Manual



The IC-8 is a compact coaxial ceiling speaker designed to be both aesthetically invisible and give a smooth linear sound. The ceiling speaker blends in with its surroundings whilst the full range response from proprietary drivers creates a fuller, richer, tone.

IC-8 is designed with the listener and installer in mind. The coaxial drivers give an even 140° conical dispersion ensuring wide coverage while the full range driver gives extra depth to any source. Integrated quick-lock brackets and push connectors for input signal make installation easy.

With a 40 watt, 8" woofer, the IC-8 can be used as 8 Ohm, 100 V or 70 V using the supplied transformer with 10, 20, 40 (W) 100(V) and 5, 10, 20 (W) 70(V).

The diameter of Ø270 mm x 105 mm makes this ceiling speaker very discreet while having great bass response. With a frequency range of 50 Hz – 20 kHz, the IC-8 is capable of most playback scenarios where louder background audio is required.

The final look of the IC-8 is an attractive white colour ABS resin finish with complementary grill that is designed to blend into any décor.

The rear connectors on a connector terminal. Com, Input. Voltage and tapping are selectable by altering the wire on the supplied transformer.

Key Features:

- Quick-lock system ensures easy installation
- Wide dispersion pattern
- Multiple sizes offer response and SPL to meet all requirements

Conformity Details:

- EN 62368-1:2014/AC:2015
- EN 62479:2010
- ETSI EN 301 489-1 V2.1.1 (2017-02)
- ETSI EN 301 489-17 V3.1.1 (2017-02)
- The IC-8 complies with the essential requirements of directive 2014/53/EU article 3.

Technical Specifications

Design

8" Full Range

Impedance

8Ω / 100V / 70V

Tapping Watts

100V :- 40, 20, 10

70V :- 20, 10, 5,

Power Handling (RMS)

40 Watts (continuous)

Max. Power Handling (RMS)

80 Watts (program)

160 Watts (peak 10 ms)

Sensitivity 2.83V / 1m

88 dB

Max. SPL

103 dB (cont. max SPL / 1m)

109 dB peak

Frequency Response ±3 dB

50 Hz - 20 kHz

Dispersion

140° Conical

SYSTEM OPERATION

Recommended Amplification

-

System Controller

OMEGA DSP Solutions

Speaker Cables

Min - 2 x 1 mm²

Recommended 2 x 1.5mm²

PRODUCT FEATURES

Components

1 x 8" Coaxial Full Range Driver

Crossover

Passive - 3 kHz

LPF -

HPF -

Connectors

Spring loaded terminal

Dimensions (mm) (Ø x h)

Ø270 x 105

Hole Cutout (mm Ø)

Ø240

Ceiling Thickness (mm)

10 - 35

Weight (kg)

2.1

Shipping Weight (kg)

2.2 (1 cabinet per carton)

Colour

White RAL 9010

Options

-

Rigging

-

HARDWARE

Fitted as Standard

-

Additional Descriptive Data

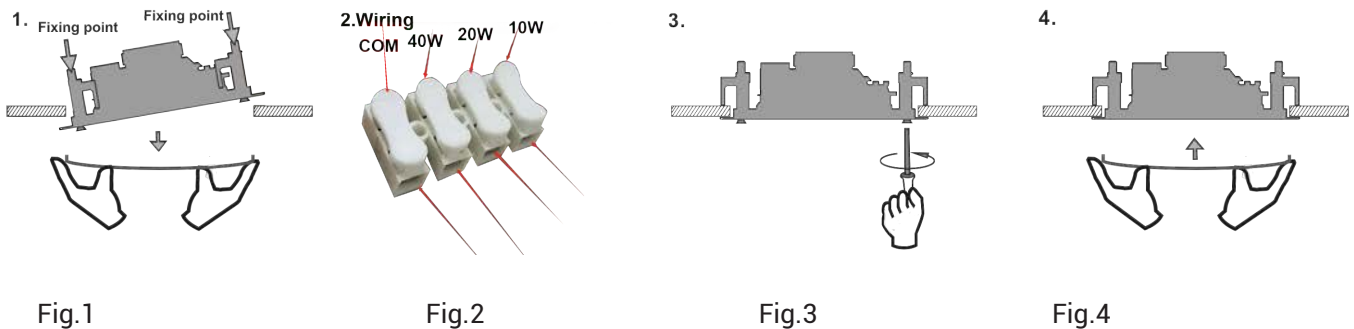
Attractive white colour ABS resin finish with complementary off white grill suits any decor.

Installation Instructions

The installation of this OMEGA product couldn't be easier:

1. Ensure there is enough clear space to house the speaker.
2. Take the template provided, position on the ceiling at the point where the speaker will be fitted, draw around the circle and cut a hole in the ceiling to fit.
3. Remove the grill from the speaker by gently pushing the mounting poles down until they ease the grill out, position the rear of the speaker facing into the hole. (fig. 1)
4. Connect speaker to amplification/system ensuring all connections are correct. (fig. 2)
5. Turn the plastic fixing points until the ends are located over the ceiling, tighten the screw until the speaker is clamped on to the ceiling. (fig. 3)
6. Replace the speaker grill. (fig. 4)
7. Turn on music source and enjoy the amazing sound of the OMEGA loudspeaker.

Mounting Instructions



NB:- Images are for reference only, product connections may differ from those shown
We reserve the right to change specifications without prior notice

IC-8 Dimensions

