

Technics SB-C600E-K zvučnici za policu/stalak

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To realise the point sound source reproduction, the coaxial configuration was adopted and then it was combined with the originally shaped Linear Phase Plug for aligning phases and the Smooth Flow Diaphragm formed with a shallow-shape diaphragm and smooth edge shape for minimum sound reflection. The result is a spherical wave with aligned wavefronts of radiated sounds.

The SB-C600's 2-way coaxial speaker unit realises clear sound image localisation and a smooth, high-quality sound, rich of emotion, while inheriting the concepts of point sound source and linear phase that Technics pursues relentlessly.

Linear Phase Plug

The originally shaped acoustic plug is positioned on the front side of the tweeter diaphragm and provides a high-resolution sound reproduction capability and a wide sound stage.

Smooth Flow Diaphragm

If the sound wave has irregularities on its sound transmitting surface, its wavefront becomes disturbed by the shapes of the irregularities, resulting in the degradation of frequency characteristics. High frequencies that have short wavelengths tend to be more susceptible to the degradation of sound characteristics. The woofer diaphragm in the coaxial speaker unit has a shallow shape and smooth edge to reduce sound reflection. The result is minimal disturbance of the wavefronts of sound waves radiated from the diaphragm to realise excellent frequency response and phase characteristics as well as wide directivity.

This configuration achieves a wide sound stage and smooth and rich mid- to high-frequency range.

Smooth Flow Port

A bass reflex port with an ordinary shape produces a large air current vortex that induces annoying high-frequency noise. Technics employed the airflow control method utilised for airplane wings and designed the cross-sectional shape of the port using flow analysis. The optimally designed port shape does not cause airflow disturbance at the opening and ensures high-quality bass reproduction with minimum noise and superb response.

Stationary Construction

It thoroughly removes undesirable or unwanted sounds and reproduces only the intended sounds with a high signal-to-noise ratio. The "Balanced Driver Mount Architecture" used in the grand class SB-G90M2 has been optimized for this model by making full use of CAE (Computer Aided Engineering). In addition, the speaker mount baffle that holds the speaker units in place has been newly designed to strengthen the rigidity of the entire cabinet. The combination of these factors maximizes the advantages of the gravity center mount structure. The rigidity and shape of each part that makes up the coaxial speaker unit has been carefully studied to eliminate unnecessary vibration and noise.

Balanced Driver Mounting Architecture

To realise a calm and low-distortion sound, the SB-C600 employs a speaker mount baffle created by optimising the low-resonance, high-rigidity design concept of the SB-G90M2 using CAE.

The originally shaped speaker mount baffle keeps the concentration of stress in check. The speaker mount baffle secures enough vent holes to ensure smooth flow of sounds radiated from the back sides of the speaker units and improve the response while maintaining low resonance and high rigidity. In addition, this structure reduces the vibrations of the entire enclosure and minimises the effects on other equipment.

Other Technologies

High Quality Parts

The network circuit uses high-quality parts, such as polypropylene film capacitors, OFC wires and more. The speaker terminals are made of brass.

High Quality Parts

All Aluminium Diaphragms

Highly Analysed and Optimised Components

Matte Black Finish

Type

2-way 2-speaker Bass Reflex (Coaxial 2-way Woofer/built-in tweeters)

Speaker Units

Woofer / Tweeter

15 cm (6") Cone type x 1 / 2.5 cm (1") Dome type x 1

Impedance

4Ω

Input Power (IEC)

60W (Rated), 120 W (Max)

Recommended Amp Power

40- 120 W (Speaker tested by IEC60268-5 Short Term Max Test)

Sound Pressure Level

83 dB / 2.83 V (m)

80 dB / W(m)

Frequency Range

40Hz - 100kHz (-10dB)

Crossover Frequencies

2kHz

Dimensions (W x H x D)

173 mm x 293 mm x 283 mm (Include net 8mm and terminal 15mm)

Weight

Approx. 6.3 kg

Accessories

Speaker Cable x2*1, Owner's Manual x1

*1 Length of the speaker cable may not be sufficient on your placement. Please prepare suitable cable based on your installation requirements.