Yamaha, with more than a century of experience in the field of music, has channeled its dedication to producing fine musical instruments into the creation of a speaker that allows people to enjoy life with music.

Soavo-2
Natural Sound Speaker System

Soavo™ Concept: A speaker that can reproduce music that offers the reality of “Natural Sound.”

Drivers
- Yamaha’s exclusive Advanced PMD woofer
- Aluminium dome DC-Diaphragm™ tweeter
- Edge-wound ribbon wire voice coil
- Spider by Kurt Müller

Cabinet
- Non-parallel surfaces
- Three-way mitered-joint construction for rigid body
- Chamfered tweeter baffle and diecast aluminium tweeter plate
- Birch veneer cabinet with open-pore finish

Networks
- Independent direct crossover connection
- Highest quality parts including ICW capacitor

Soavo-2 Main Specifications
- Type: 2-way bass-reflex bookshelf
- Woofer: 6-1/2” (16cm) Advanced PMD cone
- Tweeter: 1” (3cm) aluminium dome
- Frequency Response: 45 Hz–50 kHz
- Sensitivity: 88 dB/2.83 V/1 m
- Maximum Input Power: 120 W
- Nominal Input Power: 30 W
- Crossover Frequencies: 3 kHz
- Impedance: 6 ohms
- Dimensions (W x H x D): 8-11/16” x 14-15/16” x 13-7/8”; 220 x 380 x 353 mm
- Weight: 21.4 lbs.; 9.7 kg

SPS-900 Main Specifications
- Dimensions (W x H x D): 14-3/16” x 23-3/4” x 16-5/16”; 360 x 603 x 415 mm
- Weight: 14.3 lbs.; 6.5 kg
Soavo-2 Natural Sound Speaker System

Soavo Concept: Delivering Natural Sound
Yamaha has utilized its vast expertise in music, acoustics and especially as the world’s leading manufacturer of musical instruments to develop a new high performance speaker: the Soavo-2. Yamaha has a half-century of experience in creating “Natural Sound” speakers and other audio components, and the Soavo-2 not only embodies but re-energizes the Natural Sound concept.

Our primary goal was to achieve realistic reproduction of music. We accomplished this through a combination of advanced design technology, the selection of superior materials, and an extensive testing/tuning process.

The Soavo-2 delivers extremely accurate resolution and finely detailed sound with an elegant and versatile system. This two-way bookshelf speaker system provides crisp and clear sound localization.

DRIVERS

A-PMD Woofer
Yamaha’s exclusive A-PMD (Advanced Polymer-injected Mica Diaphragm) woofer cone is extremely light, rigid and sturdy thanks to the use of a low specific gravity material called PMP (Poly-Methyl-Pentene) that is much lighter than either paper or polypropylene. This driver provides very fast response time (sound rise and fall), as well as excellent midrange clarity and bass response. Outstanding internal loss characteristics decrease unwanted resonances to achieve the smooth frequency response that results in natural sounding vocals. The base resin mix of mica and talc has been perfected by Yamaha over long years of development and testing, and also contributes to the beautiful quality of sounds in the vocal range.

Aluminium Dome, DC-Diaphragm™ Tweeter
The high-performance 1” (3cm) tweeter features a dome made of aluminium, with Yamaha’s DC-Diaphragm that integrates the diaphragm and voice coil. It is extremely light yet durable, and transmits large amounts of sound information (highly detailed sound) for a denser sound field. As a result, this tweeter delivers highs that are crisp and clear at all power levels.

Birch Veneer Cabinet with Open-Pore Finish
Birch is an acoustically excellent material that is used in Yamaha pianos. Yamaha's long decades of woodworking expertise have confirmed the superior performance of birch veneer for speaker cabinets, particularly in the shading of bass sounds. The cabinet is given the same luxurious and environmentally friendly open-pore finish used on Yamaha’s finest wood-grain pianos.

Three-Way Mitered-Joint Construction for a Rigid Body
Yamaha’s excellence in woodworking is used to good advantage in the three-way mitered construction of the cabinet joints. This technique ensures extremely tight joints so the entire cabinet behaves as a single unit, providing tight bass reproduction.

Three-Way Mitered-Joint Construction

Conventional Mortised Construction

Independent Direct Crossover Connections
Yamaha’s scrupulous attention to the sound of Soavo-2 is seen in the design of the network circuit. It uses the highest quality parts, including ICW metalized polypropylene capacitors and high grade air-core coil with carefully selected wire. Furthermore, these parts are connected by directly soldering each one individually, instead of using printed circuit boards. This contributes to the speaker’s rich and vivid sound.

 Networks

ICW capacitors and custom-made parts

SPS-900 Optional Speaker Stands

The diecast aluminium tweeter plate is very effective in damping the vibrations that occur during high frequency output.

Designed specifically for the Soavo-2, this stand is made of meticulously polished MDF with elegant metallic paint. This material, together with its oval shape serve to effectively dampen any vibrations that could affect sound quality.

Without plate vs. with plate

• Product designs and specifications are subject to change without notice.