

Speaker System

**S-300HR**

Coaxial 2-way Speaker System



Bringing the outstanding sound image you cannot imagine.  
Coaxial 2-way Bookshelf Speakers, a tradition of TEAC.

■ **Main functions**

- New Coaxial 2-way Units supports 50 to 50,000 Hz Frequency Response
- New Titanium Dome Tweeter and Paper Cone Woofer on Air Dump Center Pole System
- Glossy Veneer Finish in Cherry or Piano Black
- Screw-type Speaker Terminals compatible with Bi-Wiring (gold-plated)
- Magnetic-attach Detachable Speaker Grilles
- 3-point Spike Feet and Metal Foot-bases

		
Brand	TEAC	
Series	Speaker System	
Model Name	S-300HR-CH	S-300HR-B
Color	Cherry	Piano Black
Release Date (Japan)	January 13, 2016	
Estimated Delivery Date	Late January 2016	
Main Unit Dimensions Weight	184 x 260 x 229mm / 7.2" x 10.2" x 9.0" (W x H x D) 4.4kg / 9.7 lbs. (per piece)	
Package Dimensions GW	(T.B.A)	

## ■ Overview

Our S-300NEO original coaxial 2-way speaker has been celebrated for its ability of delivering a remarkable sense of sound-positioning and great expressiveness in the mid-range. The S-300HR is the next level speaker designed for providing ideal near-field listening environment for Hi-Res Audio playback in the home.

On the coaxial 2-way unit which is a heart of the speaker, the tweeter unit employs a new titanium dome tweeter to reproduce higher frequency up to 50kHz, while re-designed cabinet dimension provides optimal balance of high and low frequencies, in consideration of this extended frequency range. And it retains the excellent stereo location and mid-range expressiveness characteristic of the S-300NEO while realizing an even wider frequency range of 50Hz - 50kHz. The S-300HR provides a new dimension of expressiveness and high-performance, enabling the transmission of Hi-Res Audio sources without losing their fine nuances and details.

### ● New Coaxial 2-way Unit with Extended Frequency Range

A newly re-designed speaker unit is based on the 130mm coaxial 2-way unit previously developed for the celebrated S-300NEO. Since the both woofer and tweeter units exist on exactly the same position from audiences, the outstanding sound-positioning and rich texture of the sound that exceeds expectations for its size have not changed.

Also, same as the S-300NEO, it employs the Air-Dump Center Pole System that distributes a perfect power balance to the both woofer and tweeter units, in order to perform them under the ideal conditions, while the new tweeter unit with titanium dome extends its frequency response up to 50kHz that is an important range to reproduce fine nuances of Hi-Res Audio sources.



### ● Simplified Network Circuit

With the goal of neutral sound performance – flat and free from coloration – the S-300HR employed a simplified cross-over network circuit design that performs -6dB/oct. In order to maximize sound quality on the simple circuit design, Air-core Coils and High-quality Film Capacitors are employed to eliminate magnetostriction.

### ● Tweeter Grille with Unique Patterns

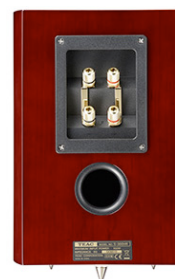
For the protection of the delicate titanium dome of the tweeters – which is susceptible to damage or dent – the S-300HR employs stainless steel grilles with a unique opening-pattern that combines both strength and greater opening ratio. This unique geometric opening-pattern is only available with high-precision etching technics, as a conventional punching method can't.



### ● Carefully Designed Enclosure

A combination of robust cabinet enclosure made with high-density MDF, and bass-reflex port on the back panel maximize its sound performance. Furthermore, not only the location and the diameter/length of the bass-reflex duct, a distribution of dumpers and installation of acoustic absorbent on suitable location are carefully designed to perform rich-textured sound, particularly in low frequency range.

Compared to the S-300NEO, the overall height has increased by 20mm for optimal balance between low frequency and extended high frequency by new coaxial 2-way unit.



### ● Beautiful and luxurious finish by multiple processes

On the cherry model, veneer panel with beautiful natural wood-grain is laid on the high-density MDF cabinet, and repeated painting and polishing several times for luxurious finish. This finish is not only for beautiful appearance, but also protect the speakers from changes caused by time, so you will be able to enjoy using them for a long time.

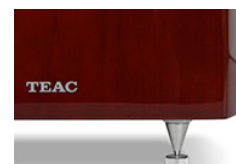
### ● Magnet-attach Detachable Speaker Grille

Magnetic attachments are employed for the speaker grilles, so clasps are unnecessary. Since nothing protrudes from the front baffle but the coaxial unit, the flat design is preserved and the beautiful appearance is maintained even if the grille is removed.



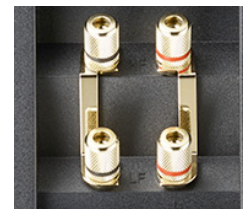
● **Detachable 3-point Spikes**

3-point spikes can be attached or removed for the further and finer tuning of the sound in the final step of the installation, depending on a hard-wood floor or on a carpet. Metal bases are also included to protect surface of the floor.



● **Gold-plated Screw-type Speaker Terminals**

The large-size speaker terminals supports bi-wiring connection with multiple amplifiers, one for woofer unit, and another for tweeter unit. Each speaker terminal finished with gold-plated is compatible with Banana plug for easy and assured connection.



● **Cleaning Cloth included**

To maintain its luxurious finish, a cleaning cloth made of micro-fibre is included.



■ **Features at-a-glance**

- 50Hz to 50,000Hz Frequency Response supporting Hi-Res Audio Playback
- New Coaxial 2-way Speaker Unit
- 25mm Titanium Tweeter Unit
- 130mm Paper Cone Woofer Unit
- Air Dump Center Pole System for Perfect Power Distribution
- Rear Bass-reflex Port
- Maximum 100W Input Capacity
- Robust Cabinet made of High-density MDF
- Glossy Veneer Finish in Cherry or Piano Black
- Screw-type Speaker Terminals support Bi-Wiring (gold-plated, Compatible with Banana-plug)
- Magnet-attach Detachable Speaker Grilles
- Detachable 3-point Feet for Fine Sound Tuning
- Cleaning Cloth included
- Complied with RoHS

■ **Specification**

Type	Coaxial 2-way, Rear Bass-reflex, Magnetic Shielded
Units	
Tweeter	25mm Titanium Dome
Woofer	130mm Paper Cone
Input	
Rated Input Power	50W
Maximum Input Power	100W
Impedance	6 ohms
Output	
Sensitivity	86dB/W/m
Frequency Response	50 to 50,000Hz
Cross Over Frequency	3,500Hz
Cabinet Capacity	6.2 Liters
Dimensions (W x H x D)	184 x 260 x 229 mm / 7.2" x 10.2" x 9.0" (excl. protrusion and spikes)
Weight	4.4kg / 9.7 lbs. (per piece)
Included Accessories	Speaker Cables (2m / 6.5') x 2 Spikes x 6 Washers x 6 Foot-bases x 6 Cleaning Cloth Owner's Manual (incl. Warranty card)