

Last Update: January 8th, 2014

TEAC

Supplemental to New Product Information (SNPI)

LS-WH01



Bass Sound on your Desktop

2.1ch Speaker System with Low-vibration Subwoofer and Satellite Speakers exclusively designed for A-H01

HVT

Main Features

- A Powerful and compact speaker system matching with A-H01
- Low-vibration and powerful bass sound achieved by HVT Technology
- Exclusively designed satellite speakers to match with Subwoofer

Brand	TEAC
Series	Reference 01
Model No.	LS-WH01
Launching Date	February 5, 2014
Delivery Date	Late February, 2014
UPC Code	
EAN Code	4907034218615
Overall Dimensions / NW W x H x D (Speaker)	110 x 148 x 168 / 1.3 (mm/kg) 4.3 x 5.8 x 6.6 / 2.4 (inch/lbs)
Overall Dimensions / NW W x H x D (Subwoofer)	215 x 75 x 228 / 1.45 (mm/kg) 8.5 x 3.0 x 9.0 / 3.2 (inch/lbs)
Package Dimensions / GW W x H x D	325 x 295 x 320 / 5.0 (mm/kg) 12.8 x 11.6 x 12.6 / 11.0 (inch/lb)
Quantity per Master Carton	None

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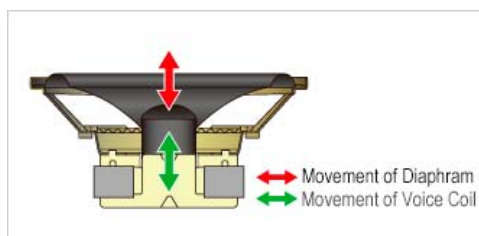
● Powerful and compact speaker system matching A-H01

The LS-WH01 is a consist of a Subwoofer and a pair of compact Satellite Speakers, which dimension is 148mm height, 110mm width and 168mm depth. This small footprint allows users to find a space to install, easily. By stacking an A-H01 on top of Subwoofer, an authentic hi-fi system can be achieved on desktop. This sleek and compact design also allows users to install near TV set where sleekness and good-looking are required. A pair of Satellite Speaker is finished with glossy piano black that gives extra luxurious atmosphere to your room.

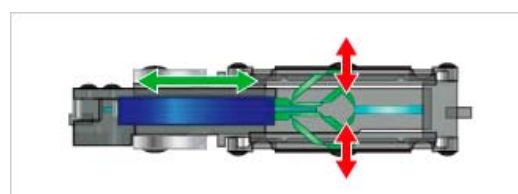


● Extra bass sound without vibration achieved by HVT Technology

In general, subwoofer requires a large diameter unit to generate low frequency sound, and this makes Subwoofer unit big and chunky. In order to achieve compact and layout-free system which is a basic concept of the TEAC Reference 01 series, the LS-WH01 employed HVT (Horizontal-Vertical Transforming) Technology. Thanks to its unique construction, the HVT unit achieved not only sleek design but also low-vibration for its bass sound. Two facing diaphragms located at both top and bottom sides move oppositely, and these two movements eliminate vibration of the unit. You will hear stunning bass sound from tiny sleek unit.



Movement of Coventional Cone Speaker



Movement of HVT Technology

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- **Layout-free and vertical position, on your desktop or book shelf**

Not only compactness, its most unique feature, low-vibration allows user to install the subwoofer on desktop, sideboards, or even book shelf, where conventional subwoofer is hard to install. Of course, you can stack the subwoofer with the A-H01. The subwoofer also can be installed vertically.

It is recommended that a small gap is required to achieve clear bass sound.



- **Aluminum Die-cast Chassis for robust construction**

An aluminum die-cast chassis is employed for robust construction. And all contacting points of the chassis and cabinet is firmly sealed with rubber strip, to eliminate air-leak, and this makes sure all air flow goes out via Subwoofer Duct which is well calculated its length and diameter.

Also, every single mounting point of PC Board/Driver Unit on the chassis employs rubber mat for anti-vibration, because inside the cabinet is filled with strong air flow.



- **Compact Satellite Speakers exclusively designed for Subwoofer**

After the dozens of sound test, satellite speakers are designed to match with subwoofer, to maximize its sound performance. Especially, low-frequency range where cross-over frequency exists was carefully chosen and tuned, to avoid conflict with sound from subwoofer. This setting is optimized to use with the A-H01. A clear and crisp stereo sound and powerful bass sound are achieved with this compact speaker unit.



- **Auto Power Save Mode**

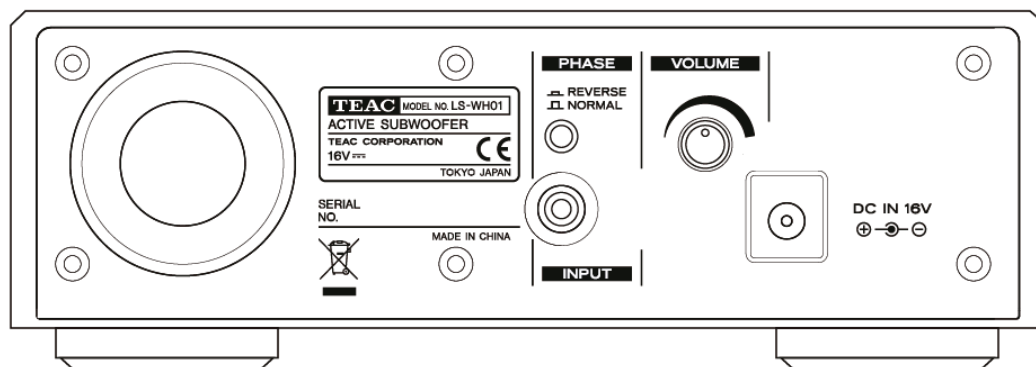
The Subwoofer unit automatically goes to Standby Mode, 25 minutes after incoming signal stopped to the Input, while the Subwoofer Unit automatically turns on when incoming signal is detected at the Input.

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■ Features at-a-glance

- Low-vibration and Powerful Subwoofer achieved by HVT Technology
- Phase-change switch for layout-free setting
- Subwoofer Level control on rear panel
- RCA Pin jack for Subwoofer Input (Subwoofer Preout is required on Amplifier)
- Setting free, Horizontal or Vertical position, Rubber feet included (Subwoofer)
- 2.5inch Full-range Cone speaker for Satellite
- Glossy Piano Black Finish Cabinet (Satellite)
- Robust Aluminum Die-cast Chassis (Subwoofer)
- Gold-plated Speaker Terminals (Satellite)
- Detachable Speaker Grille (Satellite)
- Auto Power Save Mode (Subwoofer)

■ Rear Panel



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Key Specifications

Speaker (Satellite)

Type	Full-range, Closed
Unit	2.75inch (70mm), Paper-Cone
Input	
Max Input Power	60 W (JEITA)
Impedance	8 ohms
Output	
Sensitivity	78 dB/W/m
Frequency Response	95 Hz to 25 kHz (-10 dB)
Cabinet Capacity	1.1 Liter

Subwoofer

Type	Bass-reflex
Unit	Double-faced HVT (Equivalent to 100mm diameter Woofer)
Input	
Input Terminal	RCA Pin Jack
Output	
Output Power	25 W (4 ohms, JEITA)
Frequency Response	45 Hz to 140 Hz (-3 dB)
Phase Change	Supported (Positive, Negative)
Level Control	Supported

General

Power	AC 100 to 240V, 50/60 Hz
Power Consumption	5.3 W
Overall Dimensions	
Speaker (Satellite)	110 x 148 x 168 mm, 4.3" x 5.8" x 6.6"
Subwoofer	215 x 75 x 228 mm, 8.5" x 3.0" x 9.0" (W x H x D, including protrusions)
Weight	
Speaker (Satellite)	1.3 kg, 2.4 lbs. (per piece)
Subwoofer	1.45 kg, 3.2 lbs.
Operating Temperature	+5 to +35 degrees (Celsius), 41 to 95 degrees (Fahrenheit)
Operating humidity range	5% - 85% (no condensation)
Storage temperature range	+20 to +55 degrees (Celsius), 68 to 131 degrees (Fahrenheit)

Included accessories

AC Adapter (PS-M1628)
Power Cord for AC Adapter
Speaker Cables 1m (40") x 2
RCA Pin Cable 0.5m (20") x 1
Rubber Feet x 12
Owner's Manual (including Warranty Card)