

SONY

CAS-1

High-Resolution Desk-top Audio system

The CAS1 audio system featuring dual-amps and separate speakers accurately recreates original sound spaces for immersive High-Resolution Audio experiences through speakers or headphones. Every subtle note of your favorite music fills your space in exquisitely rich detail, even at low volumes. Also, you can enjoy easy high-quality Bluetooth audio streaming¹ from your devices.



Features

Immersive soundscapes for your spaces

The CAS1 High-Resolution Audio system with built-in dual amplifiers³ accurately recreates original sound spaces through stereo speakers or headphones for immersive experiences.

Hi-Res Audio: The Way The Artists Truly Intended

Enjoy the subtlest nuances of studio-quality sound in higher-than-CD quality with High-Resolution Audio. Passion for music unites every component from signal to speaker, so it feels like the artist is performing right in front of you.

Dual amps for two music experiences³

Independent amplification systems deliver outstanding High-Resolution Audio experiences for the distinct amplification requirements of headphones and speakers.³

Near-field listening

Experience especially rich sound spaces, accurately recreated within 75 to 200 cm of the separate speakers.

Headphone listening

Independent high-quality DAC and headphone amp deliver High-Resolution Audio headphone listening.³

Place yourself center stage

Experience your music with live performance richness through stereophonic sound reproduction that recreates the original sound space. Separate speakers distinctively create sound and improve directionality for immersive listening experiences, even in small spaces.

Enhancing your existing music

DSEE HX™ upscales existing sound sources to near high resolution sound quality, making you feel as if you are really there at the recording studio or concert.

More stunning realism than you ever heard

S-Master HX™ full digital amp technology, uniquely developed for High-Resolution Audio, reduces distortion and noise across a wide range of frequencies for rich, full-bodied sound.

Balancing powerful and precise sound

An independent headphone amp and high-end digital-analogue conversion (DAC) drive headphone sound.³

Easily achieve the best listening position

Easily position speakers for best listening point.

Place separate speakers 75-200 cm away for optimal listening position. Included brass spikes let you adjust the speaker angle, and included speaker bases provide stable acoustics on any surface.

Powerful, extended bass

The customized bass reflex port allows the compact speakers to reproduce deep, satisfying bass.

Well-balanced sound output

Brass spikes elevate speakers to dampen high frequencies and fix woofer-tweeter route discrepancy.

Uncompromised richness at any volume

Technologies like Pulse Height Volume and Low Volume Mode ensure dynamic audio response even where other digital amplifiers suffer, at low volumes.

Enjoy higher quality listening on various headphone types

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A high grade amplifier drives the sound for both in-ear and over ear headphones. CAS1's dedicated headphone amp and separate high-end DAC adjusts output for more isolated headphone listening experiences. Use the dedicated headphone gain toggle switch to match impedance to headphone type to enhance the listening experience for headphones of varying impedance.³

Gain toggle switch

Adjustable gain lets you use your favorite headphones. Use HI/LOW to match impedance to headphone type.

Robust headphone jack

Quality metal parts for stable connections and less distortion. Mini plug socket for wide compatibility.

Easy connections for wireless streaming

Wirelessly connect mobile devices to the separate speakers for convenience and improved sound. Stream your music with detail and clarity using Bluetooth and high-quality LDAC audio codecs.¹

High quality wireless audio streaming

LDAC is a new audio technology from Sony that allows you to enjoy high quality wireless audio via Bluetooth®.¹ Transmitting up to three times more data, LDAC produces an enhanced wireless listening experience for all your music.¹

Specifications

Amplifier/Receiver Features	
Amplifier Type	S-Master HX
Frequency Characteristics	10Hz - 40kHz (+0dB, -3dB) (5ohm, USB-B input)
Application	
Android Application	SongPal
PC Application	MediaGo / Hi-Res Audio Player
Bluetooth Spec	
Bluetooth® Technology	Version 3.0
Effective Range	10m
Frequency Range	2.4 GHz band (2.4000 GHz - 2.4835 GHz)
iAP over Bluetooth	Yes
Interface	A2DP/AVRCP
Power Output	Power Class 2
Supported Audio Format(s)	SBC/AAC/LDAC
Colors	
Color	Main unit: Black/White Speaker unit: Brown Wood Grain/White
Inputs and Outputs	
USB A Terminal	1 (Front)
USB B Terminal	1 (Rear)
Headphone Output(s)	Stereo Mini
Output(s)	Speaker: Screw Type
NFC	
Bluetooth connection	Yes
Output Power	
RMS(Root Mean Square)	20 W + 20 W (5 ohms, 20 Hz - 20 kHz, THD 1%)
Power	
AC Plug Type	Brade
AC Power Adaptor	Yes
Auto Power OFF	Yes
Bluetooth Standby	Yes

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Power consumption(Bluetooth standby mode)	Less than 2W
Power consumption(On Operation) AC	29W
Power consumption(Standby mode)	Less than 0.5W
Power Type	DC19.5V
Power Voltage	AC 100V-240V, 50/60Hz
USB Power port for smartphone	Yes
Output Power	Headphone (1%, 1KHz, 32ohm): 180mW+180mW
Sound	
Volume Control	Yes (Low volume mode)
Speaker	
Diameter of Speaker Unit(Tweeter)	14 mm, soft dome type
Diameter of Speaker Unit(Woofer)	62mm, cone type
Speaker Type	2 way, 2 drivers speaker system , Bass reflex
USB Features	
Play (Mass Storage Class)	Yes
USB Type A	
USB Memory	Yes (FAT / FAT32 / exFAT file system)
USB-A	
AAC	Yes
AIFF	192/176.4/96/88.2/48/44.1 kHz 24/16bit
ALAC	192/176.4/96/88.2/48/44.1 kHz 24/16bit
DSD(DSF/DSDIFF)	2.8MHz (* LPCM convert)
FLAC	192/176.4/96/88.2/48/44.1 kHz 24/16bit
MP3	Yes
WAV	192/176.4/96/88.2/48/44.1 kHz 24/16bit
WMA	Yes
Accessories	
Supplied Accessories	Remote Control (RMT-AA140UB / RMT-AA140UW) Batteries for Remote control (Lithium coin battery CR2032) AC Power Adaptor (ACDP-085E03) AC Power Cord Speaker Cable (1.2m x 2 pcs) USB Cable Stand , Speaker Base and Spike User Registration Card Warranty Card
Weights and Measurements	
Dimensions (Approx.)	Main unit: 55 x 178 x 210 mm (W x H x D, including protuberance) Speaker Unit: 95 x 178 x 172 mm (W x H x D, including protuberance)
Weight (Approx.)	Main unit: 1.3 kg Speaker Unit: 1.5 kg

1. Interoperability and compatibility among Bluetooth devices vary, requires NFC-enabled and/or Bluetooth enabled device. Check device's user manual for compatibility.

2. Only compatible with High-Resolution Audio when wired.

3. 20 W + 20 W (5 ohms, 20 Hz - 20 kHz, THD 1%)

4. Computers shown: VAIO Corporation

VAIO® Z

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