



SONY

Signature Series Hi-Res Near Field Powered Speaker System

SA-Z1

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Sony SA-Z1 Signature Series Hi-Res Near Field Powered Speaker System is ideal for desktops delivers the subtle nuances of every track with an incredibly rich near-field listening experience. Engineered in an effort to achieve ultimate sonic resolution and raw, live expression, the SA-Z1 creates a uniquely exquisite audio experience for music lovers.

This near field system is meticulously crafted to sit on a desk and provide the listener with a reference listening experience, regardless of music choice. Play music from any laptop or PC, hook up a Walkman or Xperia, or use with a dedicated digital music player.

Features:

- Precise driver time-alignment with custom FPGA architecture
- Coaxial layout drivers work as wide-range single driver unit
- I-ARRAY tweeters, for up to 100-kHz frequency response and wide directivity
- Horizontally opposed woofers and side ducts for wide and deep sound stage
- D.A. Hybrid Amplifier Circuit with GaN power device

Specifications:

System Specifications:

- Playback frequency band: 51 Hz 100 kHz (-10 dB)

Amplifier Specifications:

- Main Woofer (Speaker A + Speaker B): With 6 ohms loads, both channels driven, from 40 - 20,000 Hz; rated 24 W per channel minimum RMS power, with no more than 1% total harmonic distortion from 250 mW to rated output.

Power Output Reference:

- Main tweeter block:
 - Speaker A: 18 W (6 ohms, 5 kHz, 10%)
 - Speaker B: 18 W (6 ohms, 5 kHz, 10%)
- Assist tweeter block:
 - Speaker A: 18 W (6 ohms, 5 kHz, 10%)
 - Speaker B: 18 W (6 ohms, 5 kHz, 10%)
- Main woofer block:
 - Speaker A: 35 W (6 ohms, 100 Hz, 10%)
 - Speaker B: 35 W (6 ohms, 100 Hz, 10%)
- Assist woofer block:
 - Speaker A: 35 W (6 ohms, 100 Hz, 10%)
 - Speaker B: 35 W (6 ohms, 100 Hz, 10%)

- Total harmonic distortion: 0.03% (1 kHz, 10 W)
- Frequency characteristics: 10 Hz-100 kHz (-3 dB)
- Playing frequency range: 10 Hz-200 kHz
- S/N ratio (A network): 100 dB

Input Specifications:

- USB-B:
 - PCM 2ch: 44.1/48/88.2/96/176.4/192/352.8/384/705.6/768 kHz (16/24/32 bit)
 - DSD 2ch: 2.8/5.6/11.2/22.4 MHz (1 bit)
- WALKMAN Port:
 - PCM 2ch: 44.1/48/88.2/96/176.4/192/352.8/384 kHz (16/24/32 bit)
 - DSD 2ch: 2.8/5.6/11.2 MHz (1 bit)
- OPTICAL Input Jack:
 - PCM 2ch: 32/44.1/48/88.2/96 kHz (16/24 bit)
- STEREO MINI (analog audio) Jack:
 - Maximum input voltage: 2 Vrms
 - Input impedance: 50 k?
- UNBALANCED (analog audio) jack:
 - Maximum input voltage: 2 Vrms
 - Input impedance: 50 k?
- BALANCED (analog audio) Jack:
 - Maximum input voltage: 2 Vrms
 - Input impedance: 50 k?/50 k?

Speakers

- System: Acoustic suspension, 2-way 5 speaker system
- Speakers used:
 - Main tweeter: 19 mm (3/4 in), soft dome type
 - Assist tweeter: 14 mm (9/16 in), soft dome type x2
 - Main woofer: 100 mm (4 in), cone type
 - Assist woofer: 100 mm (4 in), cone type

General

- Power requirements: 120 V AC, 50 Hz/60 Hz
- Power consumption:
 - Speaker A: 60 W
 - Speaker B: 50 W
- When in standby:
 - Speaker A: 0.5 W or less
 - Speaker B: 0.5 W or less
- Dimensions (approx.) (w/h/d):
 - Speaker A: 199 mm x 207 mm x 326 mm (7 7/8 in x 8 1/4 in x 12 7/8 in) (Including projecting parts)
 - Speaker B: 199 mm x 205 mm x 326 mm (7 7/8 in x 8 1/8 in x 12 7/8 in) (Including projecting parts)
- Mass (approx.):
 - Speaker A: 10.5 kg (23 lb 2 2/5 oz)
 - Speaker B: 10.5 kg (23 lb 2 2/5 oz)