

SoundSpace™ 9

Stereo Music System



RADICAL IN CONCEPT ...
STRIKING IN APPEARANCE ...
BRILLIANT IN EXECUTION SOUNDSPACE 9
EPITOMIZES THE NAKAMICHI PHILOSOPHY OF ART AND MUSIC

From its floating diamond-shaped control panel to its powered subwoofer and diamond-logo satellite speakers, SoundSpace 9 bespeaks brilliance and elegance. This is a music system whose treatment of space is extraordinary ... whose command of sound, thrilling ... a system in which art serves music and music complements beauty of form. The SoundSpace 9's main panel and satellite speakers can be mounted on a wall or perched on a table with the small stands provided with the system, or supported on stylish floor stands that are available options. The choice is yours!

The unique diamond logo permeates the entire system. The main panel is a cluster of four diamonds. One houses a sensitive AM/FM Stereo tuner and the preamplifier/control electronics; each of the other three bears its own CD player. Each player is independent, but together they constitute an unusual 3-disc changer with some remarkable properties notable among which are continuous playback, immediate and uninterrupted disc-to-disc transition, and the ability to change discs in the two inactive players at any time. Subtly transparent front panels on each player let you to check disc titles at a glance. The players are fully programmable, both individually and as an ensemble.



Main and sub remote controls

Cosmetically, the floor-standing subwoofer continues the diamond style. In the cabinet are a robust 20-cm driver and three channels of power amplification. A 50-watt amplifier feeds the subwoofer and two 30-watt amps drive the satellites. Each amp has exceptional headroom; together they provide an equivalent music power of 160 watts! The subwoofer cabinet is a bass-reflex design precisely tuned to the driver to ensure high efficiency and excellent bass extension.

Each satellite uses three drivers in a two-way sealed-box configuration. Twin 8-cm bass/midrange cones ensure a natural, well-defined midrange with controlled dispersion while a 2.5-cm soft-dome tweeter smoothly extends the treble beyond the range of human hearing.

SoundSpace 9 comes with two remote controls: one full-functioned; the other, the epitome of simplicity. Unusual in a system of this genre, SoundSpace 9 provides three multi-zone modes that permit different programs to be sent to different rooms at the same time. The tuner offers a total of 30 presets, and a full complement of digital and analog input/output interfaces are available on the control center to expand the system if you wish.

SoundSpace 9 ... Where Art and Music unite to create a unique aesthetic experience.



SoundSpace 9 shown with optional SA-14 speaker floor stands and SA-12 main unit floor stand

SOUNDSPACE 9 SPECIFICATIONS

Main System Unit

CD Player Section

CD Player	3-disc, 3-drive Changer System
D/A Converter	24-bit Dual D/A Converter with 8-times oversampling digital filter
Sampling Frequency	44.1 kHz
Quantization	16-bit linear
Wow-and-flutter	Below measurement limit
Frequency Response	5 - 22,000 Hz +0, - 3dB
Total Harmonic Distortion	0.003%
Signal-to-Noise Ratio	100 dB
Dynamic Range	Better than 100 dB
Channel Separation	Better than 90 dB
Optical Digital Output	660 nm. -18 dBm

Analog Audio Section

Inputs	3 (Tape, Aux, MD)
Recording Outputs	2 (Tape, MD)
Preamplifier Outputs	5 (L/R, Subwoofer, Remote L/R)
Input Sensitivity/Impedance	200 mV/47 kilohms
Rated Output Level/Impedance	
Preamplifier Outputs	1 V/ 1 kilohm
Recording Outputs	200 mV/ 2 kilohms
Subwoofer Outputs	1.6 V/ 1 kilohm
Remote Outputs	200 mV/ 1 kilohm
Maximum Output Level	8 V
Total Harmonic Distortion	Less than 0.01% (20 - 20,000 Hz)
Frequency Response	10 - 50,000 Hz +0 - 3dB
Signal-to-Noise Ratio	Better than 95 dB (A-weighted, input shorted)
Channel Separation	Better than 80 dB (1 kHz, input shorted)
Tone Controls	
Bass	20 Hz \pm 10 dB
Treble	20 kHz \pm 10 dB
Loudness	20 Hz +10 dB, 20 kHz +6 dB
Headphone Output	40 mW (40 ohms)

Power Amplifier Section

Continuous Sine Wave Output Power	
Satellite Speaker	30 W x 2 (4 ohms, 20 - 20,000 Hz, 0.1% T.H.D.)
Subwoofer	50 W (4 ohms, 20 - 20,000 Hz, 0.1% T.H.D.)
Dynamic Power	
Satellite Speaker	45 W x 2
Subwoofer	70 W

AM/FM Tuner Section

FM Section
(All RF levels in microvolts given re: 75-ohm antenna input.
Modulation: Mono 100%, Stereo Pilot: 10%, Stereo Audio Signal: 90%)

Frequency Range	
U.S.A. / Canada	87.5 - 107.9 MHz in 200-kHz steps
Other Areas	87.5 - 108.0 MHz in 50-kHz steps
IHF Usable Sensitivity	14 dBf / 2.7 μ V (mono, IHF)
50-dB Quieting Sensitivity	22 dBf / 6.9 μ V (mono)
Signal-to-Noise Ratio	
Mono	Better than 72 dB at 65 dBf
Stereo	Better than 68 dB at 65 dBf
Frequency Response	30-15,000 Hz +1, -3 dB
Total Harmonic Distortion	
Mono	Less than 0.4% (1 kHz)
Stereo	Less than 0.6% (1 kHz)
Stereo Separation	Better than 40 dB (1 kHz)
FM Presets	20

AM Section
(Modulation: 400 Hz, 30 %)

Frequency Range	
U.S.A. / Canada	530 - 1710 kHz in 10-kHz steps
Other Areas	530 - 1710 kHz in 10-kHz steps or 531 - 1602 kHz in 9-kHz steps
Sensitivity	55 dB μ m
Signal-to-Noise Ratio	Better than 50 dB (90 dB μ m input)
Total Harmonic Distortion	Less than 0.7% (90 dB μ m input)
AM Presets	10

SoundSpace 9 comes with 106 mm (4-3/16 in) tabletop stands for the satellite speakers and a 99 mm (3-7/8 in) tabletop stand for the main control unit. A pair of 826 mm (32-1/2 in) floor stands for the speakers (SA-14) and a 650 mm (25-5/8 in) floor stand for the control unit (SA-12) are available options.

Speakers System

Satellite Speaker Enclosure	2-Way Sealed Type
Driver Units	
Midrange/Woofer	8 cm Cone/Magnetically Shielded
Tweeter	2.5 cm Soft Dome/Magnetically Shielded
Impedance	4 ohms
Rated Power Handling	30 W
Maximum Power Handling	50 W
Subwoofer Enclosure	Bass-reflex Type
Driver Units	20 cm Cone/Magnetically Shielded
Impedance	4 ohms
Rated Power Handling	50 W
Maximum Power Handling	80 W

Remote Control Units

Principle	Infrared Pulse System
Power Supply	
Main Remote Control	3 V DC (1.5 V x 2)
Sub Remote Control	3 V DC (1.5 V x 2)

General

Power Source	AC 110 - 120V or 220 - 240V 50/60 Hz (according to country of sale)
Power Consumption	280 W maximum
Dimensions*	
Main Unit	523 (W) x 523 (H) x 115 (D) mm 20-5/8 (W) x 20-5/8 (H) x 4-1/2 (D) inches
Main Unit (w/ tabletop stand)	523 (W) x 622 (H) x 215 (D) mm 20-5/8 (W) x 24-1/2 (H) x 8-1/2 (D) inches
Main Unit (w/ optional floor stand)	523 (W) x 1,173 (H) x 330 (D) mm 20-5/8 (W) x 46-3/16 (H) x 13 (D) inches
Subwoofer Unit	380 (W) x 491 (H) x 355 (D) mm 15 (W) x 19-3/8 (H) x 14 (D) inches
Satellite Speaker System	120 (W) x 347 (H) x 116 (D) mm 4-3/4 (W) x 13-11/16 (H) x 4-9/16 (D) inches
Satellite Speaker System (w/ tabletop stand)	186 (W) x 453 (H) x 160 (D) mm 7-5/16 (W) x 17-7/8 (H) x 6-5/16 (D) inches
Satellite Speaker System (w/ optional floor stand)	332 (W) x 1,173 (H) x 260 (D) mm 13-1/16 (W) x 46-3/16 (H) x 10-1/4 (D) inches
Center Speaker	347 (W) x 120 (H) x 116 (D) mm 13-11/16 (W) x 4-3/4 (H) x 4-9/16 (D) inches
Main Remote Control	210 (W) x 55 (H) x 130 (D) mm 8-1/4 (W) x 2-3/16 (H) x 5-1/8 (D) inches
Sub Remote Control	49 (W) x 26 (H) x 110 (D) mm 1-15/16 (W) x 1 (H) x 4-5/16 (D) inches
Mass	
Main Unit	10 kg, 22 lbs., 1 oz.
Main Unit (w/ tabletop stand)	11.5 kg, 25 lbs., 6 oz.
Main Unit (w/ optional floor stand)	14 kg, 30 lbs., 14 oz.
Subwoofer Unit	19 kg, 41 lbs., 14 oz.
Satellite Speaker System	2.8 kg, 6 lbs., 3 oz.
Satellite Speaker System (w/ tabletop stand)	3.7 kg, 8 lbs., 3 oz.
Satellite Speaker System (w/ optional floor stand)	6.7 kg, 14 lbs., 12 oz.
Main Remote Control	260 g, 9 oz. (including batteries)
Sub Remote Control	60 g, 2 oz. (including batteries)

*Dimensions do not include protruding parts. Height is panel height. Nakamichi SoundSpace is a trademark of Nakamichi Corporation. Specifications and design are subject to change for further improvement without notice.