

Sansui

RA-1000

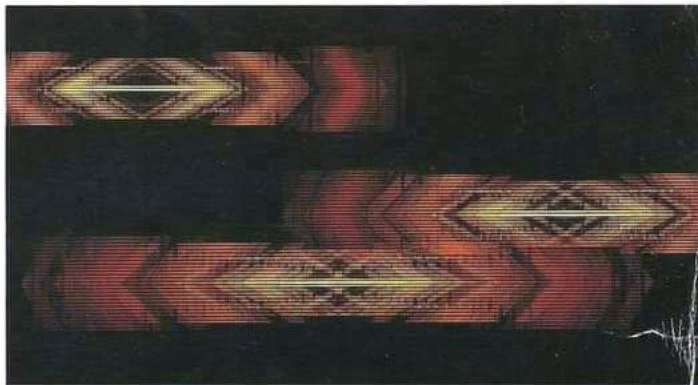
Reverberation Amplifier



Sansui RA-1000—turn your living room into a concert hall, movie theater, or discotheque.

What really gives music that "you-are-there" realism is the amount of echo or reverb you hear in the sound. A larger amount of echo can make you feel like you're sitting in a big hall or cathedral. Smaller amounts create a discotheque-like environment. Add echo to the sound from your videos, and you've got your own moviehouse—right in the home.

The Sansui RA-1000 gives all the concert hall realism you need, plus more. You can make a solo artist sound like a duo. Mix voice or guitar with the program of your choice, and record the mix on a connected tape deck—with echo.



Because we use an electronic BBD reverb unit, reverb is natural and noise extremely low.

For enhanced sense of realism (or just for fun), there's nothing like the Sansui RA-1000.

Electronic BBD for natural echo

We've made the operation of our reverb unit totally electronic. Using a BBD (Bucket Brigade Device) element, the RA-1000 adds natural, low-distortion reverberation to any program material, including video sound.

Two reverb effects: Echo and Duet

With echo on line, you can add reverberation to the sound you hear to simulate the acoustics of a vast hall or intimate discotheque. The duet effect, on the other hand, makes a solo singer sound as if two people were singing. The RA-1000 gives you a control over the delay time to help you select the most natural echo.

Color display pulsating in sync with depth

As the dynamics fluctuate, so does the colorful display on the front of the RA-1000. It expands and shrinks

and change colors in sync with the beat of your music to create a visual confirmation of what you hear.

2 mic (guitar) inputs for mixing with audio inputs

The RA-1000 has two inputs located on the front panel for microphones or guitars (or any other electronic instrument). Reverberation can be applied to either or both of the inputs. You can move the source of your voice or instrument anywhere between the stereo speakers—left, right, or any intermediate location. Moreover, you can mix the mic/guitar sound with sound from a rear-connected input (CD, record, tape, radio) and play or record the mix.

2 tape deck connections

Up to two tape decks can be connected to the RA-1000. You can dub between the two decks in either direction and even include reverb effects in the recordings.

SPECIFICATIONS

TOTAL HARMONIC DISTORTION (at 2V)		less than 0.025%
INPUT SENSITIVITY AND IMPEDANCE		
MIC (GUITAR)		0.5mV/10k ohms
LINE		150mV/47k ohms
TAPE		150mV/47k ohms
RATED OUTPUT VOLTAGE AND IMPEDANCE		
(reverberation off)		
TAPE REC		150mV/600 ohms
OUTPUT		150mV/4.7k ohms
(MAXIMUM OUTPUT 8V RMS at 0.05% THD)		
FREQUENCY RESPONSE		
(at 1V, reverberation time minimum)		
SOURCE/TAPE		10—80,000Hz +0dB, -3dB
MIC (GUITAR)		100—10,000Hz +0dB, -3dB
SIGNAL-TO-NOISE RATIO		
(at 3V)		
MIC (GUITAR)		more than 80dB (short-circuit)
SOURCE		more than 95dB (A-network)
REVERBERATION TIME		
ECHO		0—4.5 seconds
DUET		30—200m seconds
GENERAL		
AC OUTLETS		unswitched total 150 watts
POWER REQUIREMENTS		
POWER VOLTAGE		120, 220, 240V, 50/60Hz
POWER CONSUMPTION		15 watts
DIMENSIONS W		430mm (16-15/16")
H		112mm (4-7/16")
D		265mm (10-7/16")
WEIGHT		3.8kg (8.4 lbs.) Net
		4.7kg (10.4 lbs.) Packed

- Design and specifications subject to change without notice for improvements.
- Due to local laws and regulations, units sold in some areas are not equipped with variable voltage selectors.



SANSUI ELECTRIC CO., LTD.
14-1, IZUMI 2-CHOME, SUGINAMI-KU, TOKYO 168, JAPAN/TELEX: J28310 SANSUITK
SANSUI ELECTRONICS CORPORATION
1250 VALLEY BROOK AVENUE, LYNDHURST, NEW JERSEY 07071, U.S.A.
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