



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.



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