

ABSTRACT

[Purpose] The invention provides an active noise control system with a tuning function which can easily perform a tuning operation, and a tuning method of the same.

[Solving Means] A tuning microphone (17) acquiring a sound of an impulse signal output from a control speaker (7) when tuning is provided, a control controller (5) is provided with an impulse signal generating unit (8), a sound data processing unit (9) which includes a bandpass filter (13), an adaptive filter (14) and an operation unit (15), and a control unit (10), the impulse signal generating unit executes a processing of generating the impulse signal, and when tuning, the operation unit executes a processing of calculating correction amounts of phases for every frequency on the basis of a phase delay of the output for the input determined from multiple impulse responses acquired by the tuning microphone and outputting the correction amounts to the control unit, and the control unit executes a processing of setting the bandpass filter and the adaptive filter for correcting the phase delay.