

ABSTRACT

The present invention can obtain a clear velocity converted sound in a sound signal which is recorded in recording media, without changing an interval of the sound signal. An
5 input sound signal (1a) is transmitted from a sound signal storage memory (1) to a voiced sound/unvoiced sound deciding portion (2). In the voiced sound/unvoiced sound deciding portion (2), it is decided whether the input sound signal (1a) is a voiced sound or an unvoiced sound. A decision result is transmitted to a speech
10 velocity converter (4) as a switching flag (1b). The speech velocity converter (4) outputs the unvoiced sound as it is. A predetermined windowing and adding processing is performed to the voiced sound, a time compression is carried out so as to output the voiced sound. An output signal (1e) from the speech velocity
15 converter (4) is output as a frame output signal (1g) through an output sound signal frame buffer (8). In another mode, a switch and an adder may be used.