

ABSTRACT

5 A driving device (14) of an acoustic vibration plate
(11) is arranged between a speaker frame (10) and the
acoustic vibration plate (11). The driving device (14) is
comprised of a pair of piezoelectric vibration plates (1,
2) arranged facing each other across a certain distance.
The outer peripheries of the piezoelectric vibration
plates (1, 2) are connected to each other by an annular
10 spacer (7). When a drive signal is applied to the
piezoelectric vibration plates (1, 2), the piezoelectric
vibration plates (1, 2) repeatedly undergo flexing motion
wherein their centers flex alternately in opposite
directions. At this time, the flexing directions of the
15 piezoelectric vibration plates (1, 2) are always reverse
to each other.