

ABSTRACT OF THE DISCLOSURE

TITLE OF INVENTION: SPEAKER SYSTEM

The present invention aims to present a speaker system of good acoustic characteristics for use in visual equipments, in which system the turbulence in mid-range of response frequency characteristics is controlled to be flat to produce an excellent speech articulation.

To the front of a speaker unit 2, an acoustic duct 1 for guiding sound wave the opening 11 of which has a rectangle shape is coupled; and a resonance absorption section 10a is formed by a tube 8 one end of which forms a hole 7 for absorption sound facing to sound path 6 running within the acoustic duct 1 from the front of speaker unit 2 to the opening 11, and a cavity 9 having a small gap along the edge except the area where is coupled through with the other end of tube 8; by constituting in this way, the width of band to be absorbed and the Q of dip can be controlled to suppress the peaks and dips, and a speaker system of good acoustic characteristics is presented, wherein the response frequency characteristics are flat and the speech articulation is excellent.

Figure 1.

