

ABSTRACTPROJECTION TYPE DISPLAY DEVICE

Herein disclosed is a projection type display system which comprises: optical modulation means (104) for modulating a light in accordance with video data; a projection lens system (103) for projecting the modulated light on the screen (108); and focal adjustment means (101,102,106,107) for the projection lens system for adjusting focal state of the image focused on the screen, wherein the improvement resides in that said focal adjustment means includes a range finding unit (106,107) for finding the distance between the projection lens and the screen with an invisible light, and automatic adjustment means (101,102) for adjusting the focal point of the projection lens system at an optimum focal point.

Fig. 1