

ABSTRACT

An upper polarizer (8) is disposed on an upper surface of a transparent touch panel (1) in which an upper optical phase difference film (4) and a lower optical phase difference film (6) are disposed with a space layer (7) interposed therebetween, the upper optical phase difference film (4) serving to give a phase delay of a $1/4$ wavelength to incident light of a center wavelength within a visible region and having a movable electrode portion (3) on a lower surface thereof, and the lower optical phase difference film (6) serving to give a phase delay of a $1/4$ wavelength to the incident light of the center wavelength within the visible region and having a stationary electrode portion (5) on an upper surface thereof. A lower polarizer (9) is disposed on a lower surface of the liquid crystal display (2), where an angle formed by an optical axis of the upper film and a polarization axis of the upper polarizer is about 45° , an angle formed by an optical axis of the lower film and a polarization axis of light emitted from the liquid crystal display is about 45° , an angle formed by optical axes of the two films is about 90° .