

(57) Abstract: The present application specifically relates to an electro-optic modulator and a preparation method therefor, comprising: providing a substrate, and forming a waveguide and a bottom electrode on an upper surface of the substrate; forming a covering dielectric layer and a metal electrode; forming a supporting substrate on an upper surface of the covering dielectric layer; removing the substrate; providing a lithium niobate thin film, and bonding the lithium niobate thin film to a surface of the covering dielectric layer distant from the supporting substrate; the lithium niobate thin film being located directly below the waveguide. In the preparation method for an electro-optic modulator in the above embodiment, by means of bonding a lithium niobate thin film to an electro-optic chip that has a waveguide, the lithium niobate thin film does not need to be patterned into a lithium niobate waveguide, light can be self-aligned in the waveguide and the lithium niobate thin film, and no coupling is needed.