

An apparatus for transmission of acoustic signal from mine working to surface includes underground section that comprises a geophone and device for signal transmission by pair-wire line, and surface section that includes controller for amplification of signal, at that both sections have devices for telephone communication, and the underground section is provided with a unit for conversion of analog signal to digital form and spark-safe power supply block, and the surface section – with a unit for conversion of digital form of signal to analog form and for its reproduction.