

TRANSMISSION OF A SIGNAL BY LASER KIT

Reference : KITCOM



By laser, fiber optic or ultrasound

The communication kit transmits information (analog signal from a microphone, an MP3 player or a GBF) via a laser and a photodiode. The transmission can be performed directly by aligning the laser and the photodiode or using a 5m optical fiber (provided).

The transmitter and receiver modules are equipped respectively with a preamplifier at input and an amplifier at output.

The device is also equipped with a system for transmitting information by ultrasonic waves using an ultrasonic transmitter and receiver (not supplied).

Composition of the kit:

- 1 transmitter module
- 1 red laser on a rod
- 1 optical fiber (5 m)
- 1 photodiode on a rod
- 1 receiver module
- 2 power supplies for the transmitter and receiver modules

