

Laser Communication KIT

This assembly transmits both AUDIO and VIDEO signal by means of a laser beam.

This system allows the understanding of basic optical communication principles.



LASERCOM 2



The Kit consists of:

- Laser Transmitter MLDD 3.0
- Laser Receiver
- Microphone
- Loudspeaker
- Adjustable transmitter holder
- Power Source: AC/DC 230V (or 110V)/12V two pcs.

All these components are neatly placed in a compact plastic suitcase.

Laser Transmitter MLDD 3.0 Features:

- The frequency of supplied modulating signal in the range of 100Hz-20MHz
- Setting up an output optical power
- Limiting an output power
- Laser Type: Diode
- Wavelength: 635 nm
- Optical Power: 1 mW (or 3mW)
- Laser Class II - 1 mW (or Laser Class IIIR - 3 mW)
- Voltage DC 12V
- AUDIO input
- VIDEO input

Examples of usage:



Transmission of Video and Audio



Transmission of Video



Transmission of Audio