

DM201002

Laser sound mock-up with optical fibre

Demonstration of the sound transmission by laser.

School level

Senior high school.

Technical features

- 1 transmitter box and 1 receiver box
- 2 rods $\varnothing 10\text{mm}$ for optical benches
- Red laser diodes 1 mW (class II)
- 1 rotary switch to select sources
- 1 rotary switch to adjust sound
- 50cm of bare optical fibre ($\varnothing 2\text{mm}$)
- 2 power supply 12V/600mA
- Audio plugs: jack $\varnothing 3.5\text{mm}$
- 2 adaptors for $\varnothing 2\text{mm}$ optical fibre
- Oscilloscope plugs: BNC
- 4 rubber feet
- Dimensions: 140 x 75 x 60 mm
- Weight: 0,970 Kg
- Packaging: individual box.

Product advantages

- **2 ways to use:** on table or on optics bench with the rods.
- Experiment **with or without optical fibre.**
- **Easy storage.**

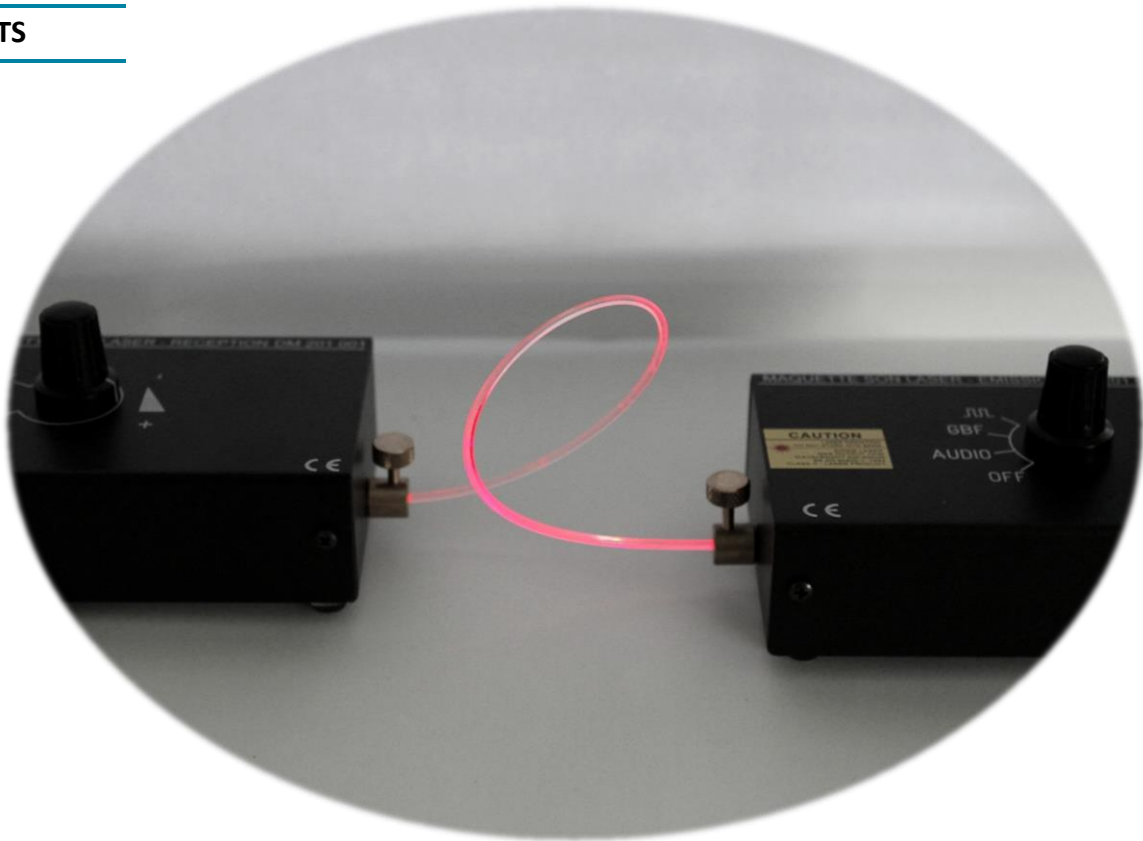
Examples of experiments

- Fibre optics.
- Information transmission.

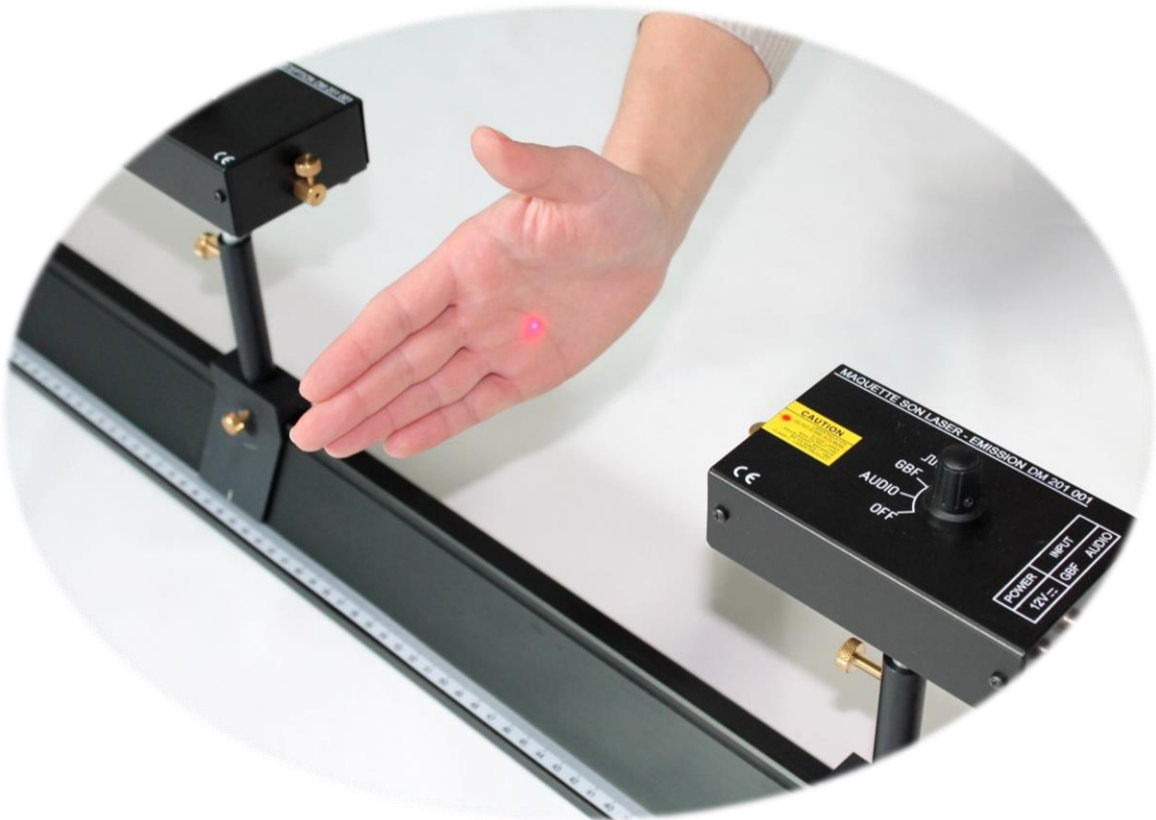
Associated products

- Prismatic optics bench - **DO106023**
- Sliding holder - **DO106012**

EXPERIMENTS



Use on table with the 4 rubber feet and the optical fibre



Use on prismatic optics bench with the rods $\varnothing 10$