

# SOUND - LASER - FIBER OPTIC MODEL

Reference : MAQSONLAS



Model consisting of a transmitter module with red laser diode, a receiver module with integrated photodiode, and a fiber optic.

Transmitter module:

- Rotary selector for choice of sources:
  - Ø 3.5 mm jack input for sound source (microphone, MP3 player, ...)
  - BNC socket input for GBF - TTL signal for test (requiring no other device)
- 1 mW red laser diode (class II)
- Fiber optic adapter
- Rod Ø 10 mm for use on bench or optical stand
- Power supply unit (supplied)

Receiver module:

- Rotary potentiometer for adjusting the sound volume
- 3.5 mm jack output for connecting a loudspeaker

- BNC socket output for signal visualisation on the oscilloscope
  - Photodiode
  - Fiber optic adapter
  - Ø 10 mm rod for use on bench or optical stand
  - Power supply unit (supplied)
  - Rubber feet
- Comes with 50cm of bare fiber optics (Ø2mm)