

MR compatible LED light

Product description

This manual describes the LED light that is intended to be used in combination with our MR compatible cameras for different illumination purposes like face monitoring or eye-tracking.

Description

The LED light can be used inside an MRI scanner without perturbing artifacts even in fMRI. The device uses a single light-emitting-diode (LED) in a compact titanium housing. It is powered via a double-shielded cable and connected to a filter box whereas the filter box can be easily mounted to the filter panel of the MRI room.

The LED light can be equipped with different types of LEDs. Thus, it is possible to provide both, visible or infrared light.

The intensity can be adjusted by means of a potentiometer at the filter box.



Figure 1:

The photograph shows the LED light (arrow) mounted together with MRC's MR-compatible camera "12M".

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