

# VisiLED Controller

## for stereo microscopy



The VisiLED Controllers MC 1100, MC-D 1100 and MC 1500 are the core of the VisiLED system. While the compact MC 1100 allows manual control of various illumination parameters, including light intensity, segment modes and change of illumination direction, the MC-D 1100 provides the ability to control all those settings via software and PC only. The controller MC 1500 has the most extensive control options and can be controlled manually or by PC. In addition, it offers the option of controlling two light heads in parallel.

### Features

- Preset segment modes plus rotation option.
- Extra-fine smooth dimming.
- MC 1500 offers an external trigger and optional PC control.
- MC-D 1100 with extensive Software Development Kit (SDK).

### Advantages

- Advanced setting options for optimum contrast.
- Ergonomics and blindfold operation.
- MC 1500 model offers control of two channels.
- Integrate digital MC-D 1100 into your own environment.

### Types and compatibility

| Controller                  | MC 1100  | MC-D 1100  | MC 1500   |
|-----------------------------|--|--|---|
| Part No.                    | 400.080  | 400.060  | 400.000   |
| Dimensions (W x D x H) (mm) | 90 x 152 x 25<br>3.54" x 5.98" x 0.98"   | 160.7 x 110.7 x 32<br>6.33" x 4.36" x 1.26"  | 153 x 110 x 40<br>6" x 4.3" x 1.58"   |
| Connectors on backside      | <ul style="list-style-type: none"> <li>• DC In</li> <li>• 1 Lighthead Connector</li> <li>• ESD socket</li> </ul> | <ul style="list-style-type: none"> <li>• DC In</li> <li>• Bluetooth Dongle<sup>1</sup></li> <li>• 1 Trigger In</li> <li>• 1 Lighthead Connector</li> <li>• USB-C for control via PC</li> </ul> | <ul style="list-style-type: none"> <li>• DC In</li> <li>• RS232 Interface</li> <li>• 2 Lighthead Connectors</li> <li>• 1 Footswitch In</li> <li>• 1 Trigger In</li> </ul> |
| Weight, approx. (kg)        | 0.17   | 0.19   | 0.65  |

### Accessories

| Power cord 1.8 m                  | Part No. |
|-----------------------------------|----------|
| EU Plug:<br>IEC-C13 to CEE 7/7    | 400.051  |
| US Plug:<br>IEC-C13 to NEMA 5-15  | 400.052  |
| UK Plug:<br>IEC-C13 to BS 1363    | 400.053  |
| Swiss Plug:<br>IEC-C13 to SEV1011 | 400.054  |

Note: country specific power cord must be ordered separately!

### Power supply unit

|                               |                             |  |
|-------------------------------|-----------------------------|--|
| Part. No.                     | 400.050                     |  |
| Operating voltage, frequency  | Input 100–240V AC, 50/60 Hz |  |
| Input voltage (V)             | 21-24 DC                    |  |
| Power consumption, max. (VA)  | 40                          |  |
| Protection class power supply | I                           |  |
| Protection class controller   | III                         |  |
| Overvoltage category          | II                          |  |

### Certificates

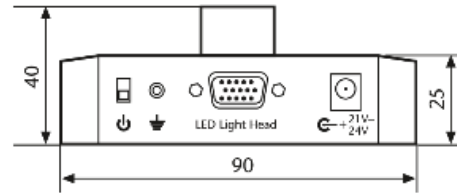
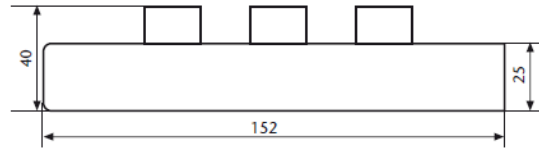
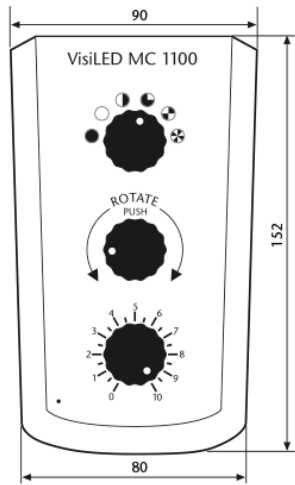
|            |  |
|------------|--|
| Conformity | CE, UKCA (power supply unit CE, UL, PSE) |
| EMC-class  | B  |

<sup>1</sup> Bluetooth dongle not yet available

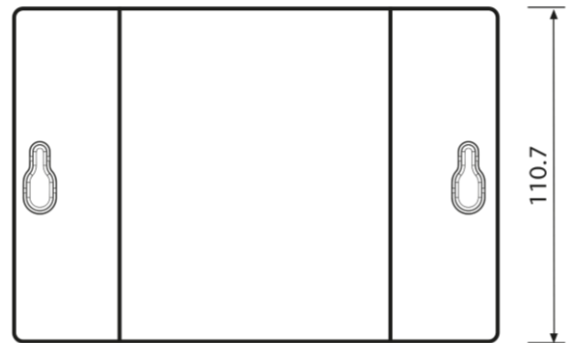
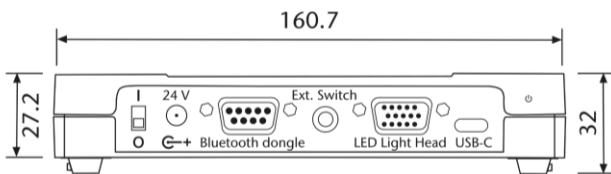
A variety of accessories are available for the VisiLED series. Please refer to the system diagram or datasheet for details.



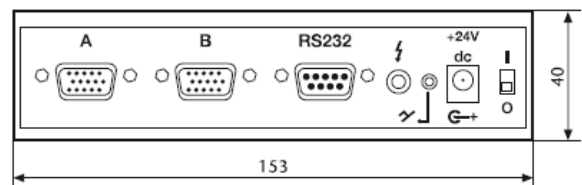
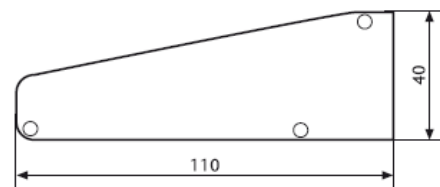
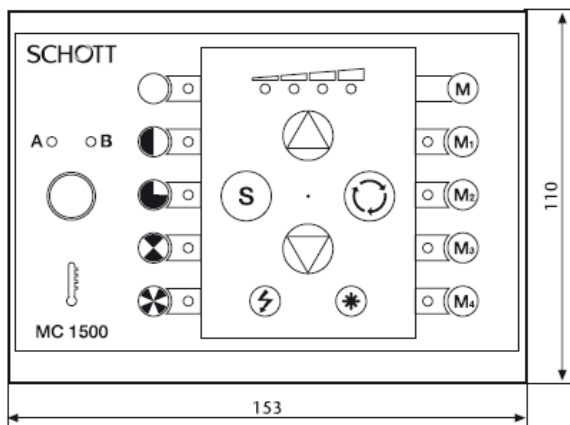
### Dimensions VisiLED Controller MC 1100



### Dimensions VisiLED Controller MC-D 1100



### Dimensions VisiLED Controller MC 1500



For more information please contact:



**BOCK OPTRONICS INC.**  
 14 Steinway Blvd., Unit 7 Toronto, Ontario M9W6M6  
 Tel: (800) 762-1570 / (416) 674-2804  
[sales@bockoptronics.ca](mailto:sales@bockoptronics.ca) [www.bockoptronics.ca](http://www.bockoptronics.ca)

