PLU6

Independent Light Unit Controller

PLU6 enables you to control the White and RGB LED light units (LUs) released by ADC in 2018, with any ADC photosynthesis system of any age.

Or, to use either LU for independent illumination.

PLU6 is powered by the LCi or LCpro battery, charger, or external power supply.

For fieldwork, a bag with Velcro straps is supplied to connect to an ADC photosynthesis system.

For independent, flexible control of the ADC White and RGB LED light units (released 2018)

PLU6 can operate the following light units by ADC BioScientific Ltd.:

- Small Leaf Chamber: RGB, White
- Broad Leaf Chamber: RGB, White
- Narrow Leaf Chamber: RGB, White
- Conifer Chamber: White

Each light unit has the same connector type, which fits into the light unit connector on the rear panel of PLU6.

Flexible, controlled output

Lin mode:
The red, green, blue (RGB) dials set the LU to give out controlled light in 15 linear steps up to 100% of LU output.

Log mode:
Use the RGB dials to control light output in 15 logarithmic ‘steps’ in relation to the available maximum.

Variable dial:
At Max position, the variable dial provides the maximum intensity in either Lin or Log mode.

The Variable dial can reduce the maximum light output from the LU by as much as 50%.

PLU6 Technical Specifications

Power requirement: 10.4 to 14V

Maximum current requirement:

350mA for RGB at 12V

400mA for White at 12V

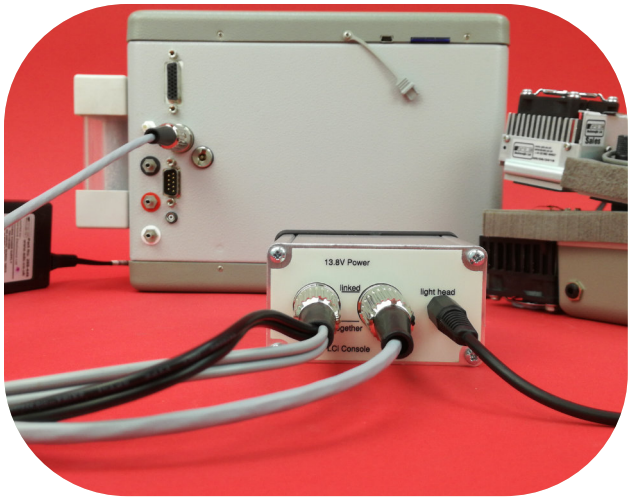
Weight: 245g

Dimensions: 81 x 43 x 81mm

Supplied with PLU6:
PLU6 unit
Manual and USB stick of manuals
Carry bag for fieldwork
Cable PLU6-007

Cable PLU6-007 is supplied to make connection to the console (LCi/LCpro series) from either of the DIN sockets on the rear panel of PLU6.

Battery charger cable LCI-059 is (supplied with LCi or LCpro systems) can be used to apply external power, using either of the two DIN sockets on the rear panel of PLU6. Both sockets can be used to charge the console and power PLU6 simultaneously.



50+ Years of service to science ADC BioScientific Ltd.

Tel: +44 (0) 1992 464527
Email: sales@adc.co.uk
Website: www.adc.co.uk