

X-Cite® 120LED: Quick Start Guide



Warning – Refer to User Guide 035-00536R for all safety precautions prior to use.

SETUP

Unpack

1. Carefully unpack the unit and accessories from shipping carton.
2. When removing the LED Head and powerCUBE from the carton, ensure that both components are supported and there is always some slack in the cable. **Do not use the cable as a “handle”.**

Install the Microscope Flange

1. Remove protective cap from LED Head.
2. Align the mounting holes and dowel pins on the Microscope Flange and the LED Head.
3. Attach the Microscope Flange using the Hex Tool and three (3) fasteners provided.

Install on Microscope

1. Position the equipment. Do not kink or bend cable. Ensure adequate clearance for ventilation around powerCUBE.
2. Connect LED Head to microscope light train. Verify “arrow” is pointing up, and vents are on bottom of LED Head.
3. Connect speedDIAL cable to “remote” port on powerCUBE.
4. Connect AC power to properly grounded outlet.

MANUAL OPERATION

1. Flip rocker switch to turn unit on.
2. When display shows “x%”, it is ready to use.
3. Click speedDIAL to illuminate a specimen.
4. Turn speedDIAL to adjust intensity.

BASIC TROUBLESHOOTING

(refer to user guide for complete details)

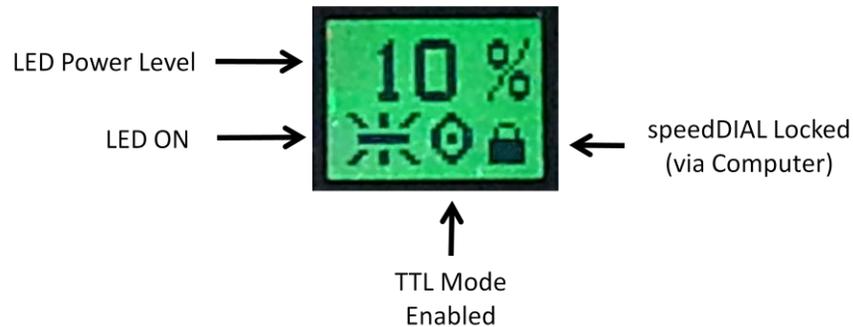
Category	Symptom	Action
Error messages	Error 1 (High Temp.)	Turn off, let cool; check clearance around vents
	Error 3 or 5 (Internal)	Turn off, restart
	Error 6 (Low Temp.)	Allow unit to warm to room temperature and restart
Intensity	Low output intensity	Check speedDIAL settings Check flange type Check microscope beam path, filters, apertures, shutters, objectives
speedDIAL	Double-click turns off LED	Increase delay in the speed (Spd) setting
	New settings forgotten when unit is shut down	After changing settings, wait at least five minutes before shutting unit down
	Dial does not scroll through the menu	Turn dial in the opposite direction
	“Lock” icon on display, speedDIAL not responding to manual control	Send “unlock” command via computer OR power down unit and restart
TTL	TTL does not trigger unit	Enable TTL mode
	TTL response time is longer than usual	Verify that timeout settings are appropriately set



WARNING: Possibly hazardous optical radiation emitted from this product. Avoid eye and skin exposure to unshielded product. Do not look at operating LED. Eye injury may result. IEC 62471:2006 / EN62471:2008 Risk Group 3.
Refer to X-Cite 120LED User's Guide 035-00536R, Section 2

SpeedDIAL Quick Reference Guide

SpeedDIAL Home Screen



SpeedDIAL Menus and Settings

- To access the main menu, press and hold the dial (shutter button) for one (1) second.
- To navigate the menus, turn the dial to scroll through the options. An arrowhead will indicate the currently selected menu option, click the dial to make a selection.
- To adjust settings, turn the dial. To select a setting and return to sub-menu, click the dial.
- To exit menu system at any time, press and hold the dial for one (1) second.

SpeedDIAL Menu

(refer to user guide for complete instructions)

Menu Item	Description
LCD	Display Screen Brightness and Color Settings
<i>Dim</i>	Backlight timeout (off = backlight always on)
<i>Brig</i>	Screen brightness (0% = backlight off)
<i>Color</i>	Screen color
Favo	Favorite Intensity Setting - Double-click jumps to preset intensity level
<i>Int</i>	Select favorite intensity level
<i>Enbl</i>	Enable or disable this feature
<i>Spd</i>	Adjust delay time between clicks (defines "double-click")
TTL	TTL Mode Control - Required for TTL triggering
<i>Enbl</i>	Enable or disable this mode
<i>Time</i>	Define a timeout setting (recommended)
Hand	Display Screen Orientation - Rotate display screen 180°
Srvc	Service Data - Embedded software versions, serial number, LED hours, system temperatures