

# POLILIGHT PL550XL

The New Polilight With More Power And Improved Features



- **HIGHER OUTPUT**  
A new boost mode for increased output
- **DIRECT CONTROL OF ALL ESSENTIAL FUNCTIONS**  
New user interface for easy and direct control of wavelength, power and tuning
- **INTELLIGENT FAN SPEED CONTROLLER**  
Cooler lamp and less noise
- **STANDBY AND MEMORY BUTTONS**  
Easily accessible power standby button and 3 User programmable pre-set buttons
- **BUILT IN MOUNTING POINT FOR LIGHT GUIDE HOLDER**  
Light guide stays in place
- **IMPROVED POWER SUPPLY**  
For improved lamp life

## POLILIGHT PL550XL

This is the most powerful and advanced Polilight released to date. Building on the successful PL500 series of forensic light source, Rofin Australia has improved and added new features to make this undeniably the most desirable light source yet. Improvements have been made in all aspects of the Alternate Light Source. A new user interface had been designed for intuitive and direct control of all the main functions using 3 dials. A boost mode is available for short periods of time for when extra power is needed. The new variable speed fans are now computer controlled to rotate at optimum speeds. This means a more quiet and pleasant work environment for the Forensic Investigator. Three memory buttons are available to store your favourite settings and recall them automatically.

## HIGHER OUTPUT

The range of power setting available to the PL500 was from P1 to P8. In this new Polilight, the PL550XL, we have added an extra boost setting of P9. This is accessible in the same manner as the other power settings, through the P dial. When selected, the output power of P9 will continue for a short period of time (currently set to 1 minute) before it drops to P8 automatically.

## DIRECT CONTROL OF ALL ESSENTIAL FUNCTIONS



A completely new user interface is introduced in the new PL550XL. All controls are easily accessible through 3 rotary dials. The main dial is used to select the wavelength which can be used to step through the bands or rotated to jump from one band to another. Two smaller dials allow power and tuning setting to be selected. All three parameters can be read on large LED displays.

## INTELLIGENT FAN SPEED CONTROL

The new variable speed fans are now microprocessor controlled. The fans will rotate at different speed depending on the temperature, the power setting and other monitored parameters. The optimum speed of the fan to keep the lamp cool is calculated constantly by the microprocessor. This results in a net decrease in fan noise which makes the work environment more pleasant for the user of the PL550XL.

## STANDBY AND MEMORY BUTTONS

The front standby/power button with smart shutdown function makes turning the PL550XL on and off much easier. There are also three memory buttons which allow your favourite settings to be stored and recalled.



## BUILT IN MOUNTING POINT FOR LIGHT GUIDE HOLDER

A built in anchor point is provided to mount your choice of clamp to hold the liquid light guide.



## IMPROVED POWER SUPPLY

Rofin has decades of experience in building smart switch mode power supplies. We are constantly improving our power supply to optimise lamp life.

The PL550XL is supplied with the latest power supply unit to ensure you have continuous trouble-free operation.

## NEW WAVELENGTHS

The PL550XL comes standard with 13 bands including the new Rupul Band (for Ruhemann's purple enhancement). Extra bands can be incorporated on request.

## SPECIFICATION PL550XL

Input Power: 85-265VAC 50-60 Hz, Automatic Selection

Internal Lamp: 500Watt Xenon Arc Lamp

Light Output: 2 metres liquid light guide for UV and Visible, Optional 2 metres light guide for IR application, IR filter set (>610, >715, >780, >830)

Output Bands: Blank, White, 350nm, 415nm, 450nm, 470nm, 490nm, 505nm, 530nm, 555nm, 590nm, 620nm, 650nm, Rupul, optional IR

Indicators: Band selection, band tuning, and band power

Buttons: Power/standby, 3 x memory presets

Dials: Band selection, band tuning, band power, shutter, quick tune

Turn off: Automatic if left unattended

Remote: Wired graphical six button remote controller with LED array display

Standard accessories: Camera filters, high pass, mounted OG550, GG475, OG515, OG590, goggles amber, red, clear and yelloww

Agent Information:

