



## Dual wavelength multimode light source



[www.promaxelectronics.com](http://www.promaxelectronics.com)

### Introduction

The PROLITE-82 is a mini-sized dual-wavelength laser source that offers excellent stability and portability for accurate fiber optic testing. Single output port provides stable laser power at dual-wavelength. The compact unit operates in either continuous wave (CW) mode or modulated mode. A low battery indicator reminds the user of replacing the battery.

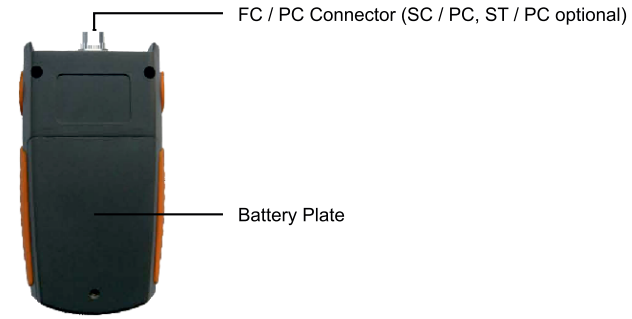
### Description of the controls and elements.



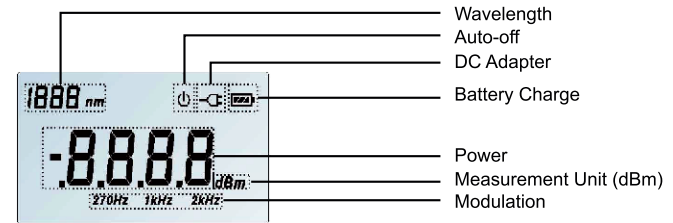
- 1 Switches instrument on / off. Long keypress to activate the instrument without auto-off function.
- 2 Modulated wavelength shifting key: switches modulated wavelength and continuous wavelength.
- 3 Switches backlighting on/off.
- 4 Wavelength shifting key: switches working wavelength between 850 nm and 1300 nm.

### Description of the controls and elements.

#### Rear panel



#### LCD Display



Specifications	
Output wavelength (nm)	850 nm, 1300 nm
Emitter Type	LD
Connector	FC / PC
Output Stability	< Short Term (15 minutes): <0.1 dB < Long Term (5 hours or above): <0.2 dB
Central Wavelength	850 nm ±10 nm 1300 nm ±20 nm
Spectral Width	5 nm
Output Frequency	270 Hz, 1 kHz, 2 kHz
Output Power	-5 dBm ± 0.5 dB
Accuracy	± 1 dB
Auto Power-off	By inactivity (10 minutes)
Operating Temperature	-10 to +50 °C
Storage Temperature	-20 to +70 °C
Power Supply	4 batteries or standard AAA batteries
Dimensions and Weight	115 (L.) x 65 (W.) x 30 (H.) mm / 140 g
Accessories	FC/PC adapter, carrying bag, Control report quality, Quick Reference Guide