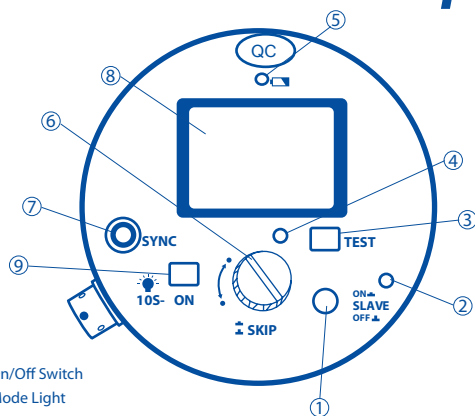


# PPL-400 Portable 400W Strobe

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**Parts:**

1. Optical Slave On/Off Switch
2. Optical Slave Mode Light
3. Test button
4. Optical Slave Receiver
5. Battery Power Indicator
6. Mode Selection Switch
7. Sync Cable Connection
8. "OK" Display showing strobe is ready to fire.
9. Modeling Light On Button

The Phottix PPL-400 is a light-weight and portable 400W battery-powered strobe. The PPL-400 can be attached to a light stand for use with an umbrella. With it Bowens adaptor in place, the PPL-400 can accept softboxes or lighting modifiers that use Bowens speed rings.

**Connecting the Battery and Strobe**

Insert the power cable into one of the Battery Power Points by aligning the red mark on the cable with the red mark on the power point. Connect the other end of the cable to the Battery Power Port on the PPL-400, aligning the red marks on the cable and the port. Press the Battery Power Switch. The Red power LED and Green power level lights will illuminate. The PPL-400 will turn on.

**Disconnecting the Battery and Strobe**

Press the Battery Power Switch to turn off the strobe and battery. Disconnect the power cable from the strobe and battery.

**Battery Power Indicator**

The Battery Power Indicator light on the strobe will turn Red when the battery power is low (10% or less remaining).

**Modeling Light**

The PPL-400 has a built in modeling light to help preview your lighting set-ups. Press the Modeling Light On Button to turn on the modeling light. The modeling light will turn off automatically after 10 seconds.

**Selecting Modes**

The PPL-400 has the following modes: Manual, Quick Multi, Quick Continuous, and Quick Multi Continuous. Modes can be changed by pressing the Mode Selector Switch. Power levels and selections can be made by turning the Mode Selector Switch.

**Manual Mode**

In Manual Mode the PPL-400's power level can be set from 1/1 to 1/64.

1. Press the Mode Selector Switch until MANUAL appears on the strobe's LCD
2. Turn the Mode Selector Switch until the desired power level is reached.

**Quick Multi Mode**

Quick Multi Mode is for high speed shooting. Power levels can be set to the following: FP (50WS), F2 (60WS), F3 (70WS), F4 (80WS), F5 (90WS). Using this mode will allow for several flashes to be fired before the strobe needs to recharge.

1. Press the Mode Selector Switch until QUICK MULTI appear on the strobe's LCD
2. Turn the Mode Selector Switch to set the power level to FP, F2, F3, F4, or F5.

**Quick Continuous Mode**

In Quick Continuous Mode the PPL-400 will flash 20 times. The frequency (speed) of the flashes can be adjusted on a scale of 1 to 10 (10 being the fastest). Flash power levels are 60WS and cannot be changed.

1. Press the Mode Selector Switch until QUICK CONT appear on the strobe's LCD
2. Number of Flashes settings made in Quick Continuous/Multi Mode will carry over to Quick Continuous Mode (see below)
3. Turn the Mode Selector Switch to set the flash frequency from 1 to 10.

**Quick Continuous/Multi Mode**

In Quick Continuous/Multi Mode the PPL-400 will fire 5, 10, 15 or 20 times. The frequency of the flashes cannot be adjusted. Flash power levels are 60WS and cannot be changed.

1. Press the Mode Selector Switch until QUICK CONT MULTI appear in the strobe's LCD
2. Frequency settings made in Quick Continuous Mode will carry over to Quick Continuous/Multi Mode
3. Turn the Mode Selector Switch to set the number of flashes to 5, 10, 15 or 20.

**Using the Optical Slave**

The PPL-400 has a built-in Optical Slave. To trigger the strobe using the optical slave press the Optical Slave On/Off Switch. The Optical Slave Mode Light will turn Red, indicating that optical slave mode is active.

**Triggering with Wireless Triggers or Sync Cables**

The PPL-400 has a 3.5 mm Sync Port. Wireless flash triggers or sync cables can be connected to this port using the proper cables.

**Turning Sound On/Off**

The PPL-400 makes an indicator sound as the Mode Selector Switch is pressed or turned. It also makes a sound when the strobe has finished recharging and is ready to fire.

1. Press the Mode Selector Switch until the LCD is blank except for the top row of icons.
2. Turn the Mode Selector Switch to change the sounds icons to On or Off.

**Using the battery with Hot Shoe Flashes**

The PPL-400 battery can also be used to power one Canon or Nikon hot shoe flash.

1. Insert AA batteries into a compatible flash unit. The flash will not function without AA batteries.
2. Connect a compatible flash power cord to the battery and flash.
3. Turn on the battery and flash and set mode/power.

\*Different Cables are available: 1) Nikon SB-900 Compatible 2) Nikon SB800, SB800DX, SB280DX, SB28, SB27, SB26, SB25, SB20, SB11, SB22 Compatible 3) Canon 580EX II, 580 EX, 550 EX Compatible

**Recharging the battery**

1. Plug the charging cable into the port on the back of the battery.
2. Plug the other end of the cable into a mains outlet.
3. The LED on the converter section of the charging cable will light Red when charging and green when finished.

**PPL-400 Technical Specifications**

GN:	56 (ISO 100 with 48° reflector)
Flash Duration:	1/3200s to 1/35000s
Recharging Time:	0.1-3.5S
Modes:	Manual, Multi, Continuous, Multi Continuous
Tones:	Ready Tone, Adjustment Feedback
Manual Stops:	1/1 - 1/64
Triggering:	Optical Slave, 3.5mm Sync Jack
Modeling Lamp:	12V35W
Color temperature:	5500K ± 200K
Size:	Diameter: 90mm Height: 140mm (cylinder)
Weight:	900g

**Power Pack Technical Specifications**

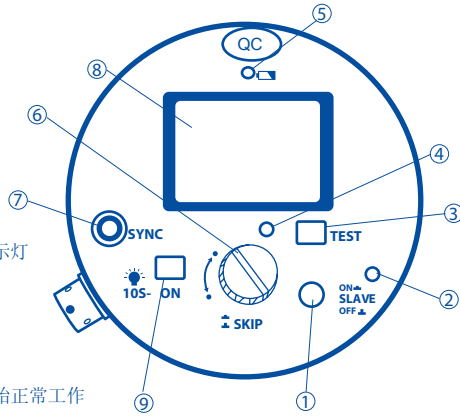
Battery:	Li-ion 12V 7A
Charge Time:	4 Hours
Total Flashes (strobe):	1/1 650 times; FP 35000 times
Total Flashes (hot shoe):	2500 at 1/1 SB-900 approx.
Recharge Time:	Hot Shoe Flash 1/1: 1 s
Power Pack Size:	43 x 75 x 102 mm
Power Pack Weight:	295g
Battery Size:	102 x 43 x 150mm
Battery Weight:	480g

**Warnings**

1. Never disassemble or modify the PPL-400. The voltage inside the strobe is extremely dangerous.
2. Never use the PPL-400 in high humidity or wet conditions/areas.
3. Never use the PPL-400 in the presence of volatile oils, thinners, dust, or flammable gas and chemicals.
4. Make sure the power cord is securely connected to the battery and strobe.
5. Turn off the battery power switch and strobe power switch before removing the power cable.
6. Store the PPL-400 at normal room temperature. Storing in a cold area may affect performance.

# PPL-400 400W 便携式影楼灯

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## 部件:

1. 光感从属闪光开关
2. 光感从属闪光模式指示灯
3. 测试按钮
4. 光感从属闪光接收器
5. 电池电量指示灯
6. 模式选择开关
7. 同步线连接口
8. “OK”显示, 表明开始正常工作
9. 造型灯开启按钮

Phottix PPL-400是一款轻便易携带的由电池供电的400W 影楼灯。可以固定在灯架上, 可接反光伞, 接上保荣转化卡口跟卡盘, PPL-400就可以使用柔光箱了。

## 连接电池和灯

将电源线的一端插入电池电源插孔中的其中一个, 将线上的红色标记与电源插孔的红色标记对准。将线的另一端插入PPL-400的电池电源插孔, 将线上的红色标记与电源插孔的红色标记对准。按下电池电源开关, 红色的电源LED指示灯和绿色的功率水平灯将会点亮, PPL-400将会开启。

## 断开电池和灯

按下电池电源开关以关闭灯和电池的电源。从灯和电池中拔出电源线。

## 电池电量指示灯

当电池电量低(剩下10%或者更少时), 灯上的电池电量指示灯将亮红色。

## 造型灯

PPL-400有一个内置的造型灯, 可用于预览灯的配置。按下造型灯开启按钮将会开启造型灯。造型灯在10秒钟之后将会自动关闭。

## 选择模式

PPL-400 有以下几种模式: 手动, 快速频闪, 快速连闪和快速频闪连闪。可通过按下模式选择开关来改变模式。也可通过旋转模式选择开关来调节功率水平。

## 手动模式

在手动模式时, PPL-400的功率可从1/1设置到1/64。

1. 按下模式选择开关直至MANUAL(手动)出现在影楼灯的LCD显示屏中。
2. 旋转模式选择开关直至达到您所需要的功率水平。

## 快速频闪模式

快速频闪模式用于高速摄影。功率水平可设置如下: FP (50WS), F2 (60WS), F3 (70WS), F4 (80WS), F5 (90WS)。使用此模式可以在灯需要回电之前触发几次闪光。

1. 按下模式选择开关直至 QUICK MULTI (快速频闪) 出现在灯的LCD显示屏中。
2. 旋转模式选择开关可将功率水平设置为FP, F2, F3, F4, 或 F5。

## 快速连闪模式

在快速连闪模式时, PPL-400将会闪光20次。闪光频率(速度)可调整, 范围为从1到10(10为最快的)。闪光功率为60WS, 且无法改变。

1. 按下模式选择开关直至 QUICK CONT (快速连闪) 出现在灯的LCD显示屏中。
2. 快速连闪/频闪模式的闪光次数的设置将会作用于快速连闪模式(请看下文)
3. 旋转模式选择开关设置闪光频率, 频率可为从1到10。

## 快速频闪/连闪模式

在快速频闪连闪模式时, PPL-400将会连续闪光5, 10, 15或20次。闪光频率无法调节, 闪光功率都为60WS, 并且无法改变。

1. 按下模式选择按钮直至QUICK CONT MULTI(快速频闪次数调整)出现在灯的LCD显示屏中。
2. 在快速连闪模式设置的频率也会作用于快速频闪/连闪模式。
3. 旋转模式选择开关以设置闪光次数, 5, 10, 15或者20。

## 利用光感从属闪光模式

PPL-400具有内置光感从属闪光功能。触发此影楼灯可通过按下光感从属闪光开关, 光感从属闪光模式指示灯将会亮红色, 从而表明光感从属闪光模式已经启动。

## 通过无线触发器或使用同步线触发

PPL-400有一个3.5mm的同步线端口。利用无线闪光灯触发器或者使用相应的能连接于此端口的同步线将其触发。

## 开启/关闭声音

当按下或旋转模式选择开关时, PPL-400会发出指示声。当影楼灯充电完成和准备触发时也会发声。

## 关闭/开启声音

1. 按下模式选择开关直至LCD显示屏只显示顶部一排图标, 其他都为空白。
2. 旋转模式选择开关来改变声音图标, 以致开启或关闭声音。

## 将电池与带热靴的闪光灯一同使用

PPL-400电池也可用于为一部带热靴的佳能或尼康闪光灯供电。

1. 给与之相兼容的闪光灯装置安装电池。
2. 用一合适的闪光灯电源线连接电池和闪光灯。
3. 开启电池和闪光灯并将其设置为模式/电源。

\*可提供不同的连接线: 1) 与尼康SB-900相兼容的 2) 与尼康SB800, SB800DX, SB280DX, SB28, SB27, SB26, SB25SB20, SB11, SB22相兼容的 3) 与佳能580EX II, 580 EX, 550 EX相兼容的。

## 给电池充电

1. 将充电线的一端插入电池底部相应端口。
2. 将线的另一端插入主电源插孔。
3. 当充电时, 充电线转换区域的LED灯将会亮红色, 当充满电时将亮绿色。

## PPL-400的技术参数

闪光指数:	56 (ISO 100, 48° 反光)
闪光持续时间:	1/3200s 到 1/35000s
回电时间:	0.1-3.5S
模式:	手动, 频闪, 连闪, 频闪连闪
音调:	准备完毕音调, 调节反应声
手动模式功率水平:	1/1-1/64
触发方式:	光感从属闪光, 3.5mm同步接口
造型灯:	12V35W
色温:	5500K ± 200K
尺寸:	直径:90mm 高:140mm (圆柱体)
重量:	900g

## 电箱技术参数

电池:	12V 7A的锂离子电池
充电时间:	4个小时
闪光总数(闪光灯):	1/1 650次; FP 35000 次
闪光总数(带热靴闪光灯):	用于SB-900 1/1时, 大约2500次
电箱尺寸:	43 x 75 x 102mm
电箱重量:	295g
电池尺寸:	102 x 43 x 150mm
电池重量:	480g

## 警告

1. 请勿擅自拆卸及改造本产品。内部存在高电压, 极其危险。
2. 请勿在高湿度或者潮湿条件/区域中使用本产品。
3. 切勿在有挥发性石油, 稀释剂, 大量灰尘, 或可燃性气体和化学用剂的地方使用本产品。
4. 确保电源线安全地连接于电池和影楼灯。
5. 在拔出电源线之前, 请务必关闭电池和灯各自电源开关。
6. 请在常温下储存本产品。低温条件下储存可能会影响其性能。