

# PSX Palm Strobe x



## Features

- Patented Plug in Battery Pack
- Easy one hand operation
- Lightweight
- Flash rates to 12,500 FPM
- Tachometer mode from Self Powered Sensors
- TTL compatible input/output (3.5mm phono plug)
- NIST Certificate included

**Palm Strobe x** offers excellent brightness, exceptional features, rugged construction and extra long battery life. Unique one-touch joystick-type button allows single hand operation for fast fractional RPM tuning. Select mode of operation for internal tuning, external TTL pulse input, tachometer display and x2 ÷2 functions. Eight memory positions provide rapid recall of user defined frequencies. The **Palm Strobe x** can be ordered in various configurations to fit the demand of your application.

## Optional Accessories



**Protective Rubber Cover**



**Holster**



**Quick Change Battery Pack**



## Specifications

Internal Mode Range:	100 to 12,500 FPM (Flashes per minute)
Light Power:	7.9 watts @ 6000 FPM, 150 mJoules up to 3100 FPM
Flash Lamp Life:	100 million flashes typical
Flash Duration:	10 - 30 µsec typical
Display:	6 digit alphanumeric backlit LCD display
Flash Rate Resolution:	0.1 FPM
Flash Rate Accuracy:	Greater of ±0.01% of reading or ±0.5 FPM
Tachometer Mode:	5 to 250,000 RPM
External Input:	0 to 5 Vdc (12 Vdc max.) TTL compatible, positive edge triggered
Output Pulse:	0 to 5 Vdc typical - 350µsec positive pulse (2.5mm) 1/8" phono plug
Run Time:	2 hours typical @1800 FPM >1 Hour typical @ 6000 FPM
Memory:	8 programmable flash rates and last flash rate at power down
Adjustment:	Four quadrant tuner button with blinking decade select for flash rate up and down, multiply by 2 and divide by 2
Modes:	Internal, External, Tachometer, Preset, x or ÷ by 2, locked on
Battery Power:	Removable 6Vdc rechargeable NiMH battery pack
Recharger:	100-240 Vac, 50/60Hz, includes 4 interchangeable adapters
Weight:	1.2 lbs. (0.55 kg) including battery
Strobe Dimensions:	3.04 x 9.34" (77 x 237mm)

## Ordering Information

Item	Description	Part No.
Palm Strobe x	Palm Strobe x, battery pack, PSC-2U 115/230 Vac recharger, NIST certificate and manual	6205-050
Palm Strobe x Pak	Palm Strobe x, 2 battery packs, PSC-2U 115/230 Vac recharger, NIST certificate, manual and holster	6205-051
Palm Strobe x Kit	Palm Strobe x, battery pack, PSC-2U 115/230 Vac recharger, NIST certificate, spare lamp, manual and latching carry case	6205-052
Palm Strobe x Deluxe Kit	Palm Strobe x, 2 battery packs, PSC-2U 115/230 Vac recharger, NIST certificate, spare lamp, manual and latching carry case	6205-053
<b>Accessories</b>		
PS Input Cable	TTL pulse input cable, 6 feet (1.82m) -1/8" stereo plug to BNC male connector	6280-032
PS Output Cable	TTL pulse output cable, 6 feet (1.82m) -1/8" stereo plug to BNC male connector (CA-4044-6)	6280-037
PS Holster	Holster with belt loop and pouch	6280-043
Rubber Cover	Protective rubber cover for Palm Strobe x	6280-044