Thank you for purchasing a TAPR product. The associated software and directions can be obtained from the web. Here is some basic information and a link to the documentation:

## The **FatPPS Pulse Stretcher**

The **FatPPS** is a signal conditioner for pulse-per-second ("PPS") signals. Its primary purpose is to interface a PPS signal from a clock source so that it can drive a PC serial port and be used as a clock source for software such as [NTP](http://www.ntp.org/).

The FatPPS accepts signals at either RS-232 or TTL levels, with either positive-going or negative-going pulses. It lengthens the pulse to at least 25 milliseconds and allows the output pulse to be triggered from either the leading or trailing edge of the signal, and to be either inverted or normal polarity (units are shipped configured for positive edge triggering and normal output polarity).

The FatPPS is very small and fits into a DB-9 "dongle" case (included). It can be powered directly from the computer's serial port. Please refer to the [FatPPS Manual](http://www.tapr.org/~n8ur/FatPPS_Manual.pdf) for information about power options.

Manual: <https://web.tapr.org/~n8ur/FatPPS_Manual.pdf>

Contact us at **contact@tapr.org** for assistance, help or troubleshooting.

Best Regards, TAPR