



# EpsilWin32

## Description

EpsilWin32's graphic user interface allows the user to monitor and control the Epsilon Clock™ Series 1, Series 2, Series 3, and Epsilon Board Model EBO2 and Model EBO3. It operates on a Microsoft Windows PC that is connected to an Epsilon Clock via RS-232. EpsilWin32 displays all the monitored parameters of the connected Epsilon Clock and the commands are menu driven.

## Features

### Monitoring Display

- Global status of the clock
- General GPS information (including position)
- Recorded alarm file

### Commands

- GPS reception mode and antenna delay
- General GPS information (including position)
- Recorded alarm file

### Additional Features

- Standard automatic installation
- PC serial port selection
- Password protection for commands
- Online help
- Multiple instance capability

### System Requirements

- PC with 486 microprocessor and 16 colors
- Windows 95, 98, NT 4.0, 2000 or XP

## Characteristics

### Display

#### Global Status

Display the main status of the clock (internal status, current operating mode, alarm status, etc.)

#### GPS Status

Display the main GPS reception information (antenna position, GPS reception mode, satellites tracked and signal quality, antenna link control, etc.)

#### Alarm Archive

Display the current alarm file, each detected alarm is recorded

#### Format

Select the Time of Day message format and the EpsilWin32 time display format

#### File

Create, save and print files for recording the alarms

## Time

### Reference

Select UTC, GPS or local time reference

### Internal Date and Hour

User setup of date and hour in holdover mode

### Leap Second

Program leap second for UTC time reference

### Password

Password protection prevents unauthorized usage

### Help

Online help that describes all the functionality of EpsilWin32

## GPS

### Mode

Select the Epsilon Clock operating mode:

- Automatic mode (default mode, no setup required)
- Manual mode (for using only one GPS satellite)
- Mobile mode (used when the Epsilon Clock is moving)

### Positioning

Initialize the GPS antenna position for manual mode

### Date and Hour

Initialize the GPS receiver date

### Antenna Delay Correction

Compensate for the cable delay

## Setup

### Serial Link

Select the computer serial port connected to the Epsilon Clock

### Time of Day Emission Period

Setup the Time of Day serial message transmission period

### Disciplining

Authorize or forbid the automatic disciplining of the clock

### Alarm Limit

Change phase and frequency threshold for squelch function

## Option

EpsilWin32 is available in French

