



# EpsilonWin32

## DESCRIPTION

EpsilonWin32'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.

EpsilonWin32 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 EpsilonWin32 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 EpsilonWin32

### 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

- EpsilonWin32 is available in French