



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 EB02 and Model EB03.

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

Specification 4500-C0

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