

# OSA 5220 NTP Server r2.0

The OSA 5220 NTP Server is a Stratum 1 NTP server which provide you an economic and easy synchronization of your Ethernet TCP/IP network.

## Introduction

The OSCILLOQUARTZ 5220 NTP synchronizes all your devices connected to your Ethernet network.

## Accuracy

Its own base time and its algorithm guarantee an output accuracy of 1 $\mu$ s when GPS synchronized. The NTP protocol allows the NTP client to reach an accuracy of at least 1ms with the OSCILLOQUARTZ 5220 NTP Server r2.0.

## Security

High security level : 64 bits RSA™ MD5 encryption, leap time protection, high stability time base, SNMP alarm traps, server state HTTP supervision.

## Remote management

Possible supervision with HTTP, SNMP and Telnet. Complete configuration and supervision with WEB page or "OSCILLOQUARTZ Network Manager" Windows® NT/XP/2000 based software.

Firmware upgrade by Ethernet.

## Internal time base

The OSCILLOQUARTZ 5220 NTP has autonomy to provide a stable output time code even when external synchronization is lost. In case of power supply failure, the OSCILLOQUARTZ 5220 NTP can run normally for 4 hours on its internal battery.

## Software

"OSCILLOQUARTZ Network Manager" Windows® NT/XP/2000 based software for supervision and configuration. In option, 10 users licence of the OSCILLOQUARTZ NTP client software for Windows® NT/XP/2000.



## Highlights

- Stratum 1 NTP server
- 64 bits RSA Data Security, Inc. MD5 Message-Digest Algorithm
- Supervision and configuration through Ethernet (HTTP, SNMP, TELNET, "OSCILLOQUARTZ Network Manager" Windows® NT/XP/2000 based software)
- 19" 1U rack case (482x263x44mm)
- External synchronization input : - GPS
- "Plug-and-play" installation

## Typical Applications

- Computer Network Time Synchronization
- Equipment management alarm/event time stamping
- Synchronization of time displays

