

Micropath[®] Corporation

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Upgrading To The Latest Version Of Micropath 2001

You might have to do all or some of the following steps:

Hasp Hardware Key

1. Download, unzip, and install the Hasp hardware key drivers. (HDD_INSTALL.exe)
ftp://ftp.micropath.com/alex/hdd_install.exe.
2. If you have Hasp hardware key problems, download, unzip, install and run the Hasp Hardware Key diagnostic program (diagnostix.zip)
<ftp://ftp.micropath.com/orders/alex/diagnostix.zip>.
3. If you experience problems with the Hasp hardware key, contact Aladdin Technical Support. Tel: 212.329-6658. Aladdin's web site is www.aladdin.com.
4. USB Hasp keys should illuminate if the hardware key is recognized by the O/S.

Micropath 2001

1. Download the latest version of Micropath 2001 – MP2001PR.zip
2001. <ftp://ftp.micropath.com/software/mp2001>.
Change folder to Full_Install_V3.xx.xx_Unzip_PW_REQ
Download the file MP2001PR.zip. Unzip and run the MP2001 setup .exe program.

READ FIRST BEFORE INSTALLING MP2001

1. If changes have been made to the Transmission Line Editor, **YOU MUST** backup the file **Translin.dat**. This file will be overwritten during the new installation of MP2001. Translin.dat is located in the folder where MP2001.exe resides. Usually this is C:\Program Files\Micropath\Micropath 2001.
2. You may have to enter your five-digit Micropath Serial Number. This number begins with the number "1". The security file associated with this number is called 1xxxx.dat and resides in the folder where Micropath 2001.exe resides. (C:\Program Files\Micropath\Micropath 2001). Once you know your serial number, start MP2001 and click on Options / Preferences / General. Enter the serial number in the Serial Number textbox. Your Micropath serial number is printed on the MP2001 installation CD-R.
3. Click the License Button on the MP2001 start-up screen. The upper right-hand corner of this screen should say "Registration Not Required" in red letters.
4. Read the Readme.txt file for the latest information on updates / enhancements to MP2001. (C:\Program Files\Micropath\Micropath 2001\Readme.txt).

LATITUDE / LONGITUDE COORDINATES FOR MP2001

- Coordinates may be entered in any of the following formats:
 Degrees or Degrees, Minutes or Degrees, Minutes, Seconds
 Examples:
 39.500000 Degrees
 39 30.50000 Degrees Minutes
 39 30 00.00 Degrees Minutes Seconds

MP2001 require the degree portion of the longitude be entered using 3-digits.
 Example: 000 to 099 degrees or 100 to 179

- Converting Degrees Minutes to Degrees Minutes Seconds
 Multiply the decimal of the Minutes by 60
 Example 39 30.5 Multiplying $.5 * 60 = 30$ seconds
 Coordinates in Degrees Minutes Seconds: 39 30 30.00

DATUMS

- Coordinates are referenced to a Datum, i.e., NAD27, NAD83, GRS80, WGS84, etc.
 Datums are referenced to an equatorial radius of the earth.

<u>DATUM</u>	<u>EQUATORIAL RADIUS</u>	
NAD27	– 6,378,206.4 meters	North American Datum - Clarke of 1866
NAD83	– 6,378,137.0 meters	North American Datum
WGS84	– 6,378,137.0 meters	World Geodetic System
GRS80	– 6,378,137.0 meters	Geodetic Reference System
WGS72	– 6,378,135.0 meters	World Geodetic System

Calculations for the distance and azimuth between two fixed points on the earth's surface may vary between datums. Factors such as equatorial radius, polar radius, and flattening contribute to these differences. NAD83 / WGS84 / GRS80 are equal to each other since the factors are similar for each of these datums. Distance and azimuth calculations between NAD27 and NAD83 produce different results.