Introduction

Range of validity

The present manual applies to the software specified on the title page.

Purpose

The manual contains all the information required for installation and application of the software.

Target group

The contents of this manual are intended for qualified personnel of energy supply companies responsible for operation and setting of the meter.

Hexing Electrical reserves the right of final interpretation.
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1. Overview

- Near-infrared communication port: for near-infrared communication
- Far-infrared communication port: for far-infrared communication
- USB port: for connecting with PC
- Power Button: for shutting down or starting the Hand Held Unit
Specifications of Useful Buttons

- **Power Button**: Long click to shut down the HHU machine.
- **Shift Button**: Click to switch keyboard input mode, including digit number, little case chars, and big case chars.
- **ESC Button**: Click to escape current user interface of HHU software.
- **ENT Button**: Click to enter.
- **Up/Down/Left/Right Buttons**: Click to switch the focus point on the screen.
- **TAB Button**: Click to tab the focus point.
- **∟ (Green) Button**: Click to execute some functions (the left-bottom-bar-button’s) in the HHU software.
- **_] (Red) Button**: Click to execute some functions (the right-bottom-bar-button’s) in the HHU software.
- **Big Yellow/Orange Button**: Click to execute some functions (the middle-bottom-bar-button’s) in the HHU software.
2. Software Installation

2.1 Software List

- **PC:**
  - ActiveSync Software (connect PC to HHU)
    - For Win7 system: please install drvupdate-x86.exe or drvupdate-amd64.exe.
    - For WinXP system: please install ActiveSync 4.5.
  - HHU Matrix Client System
    - PC Software for HHU.

- **HHU:**
  - Hxsoft
    - HHU software

2.2 How to Install

2.2.1 Install the HHU Drive

(if USB driver in PC is not the latest)
Click ‘Browse’ to choose the directory of drive file.
Found New Hardware Wizard

Please wait while the wizard installs the software...

Anchor USB EZ-Link Cable

Setting a system restore point and backing up old files in case your system needs to be restored in the future.

Hardware Installation

The software you are installing for this hardware:

Anchor USB EZ-Link Cable

has not passed Windows Logo testing to verify its compatibility with Windows XP. [Tell me why this testing is important.]

Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.

Continue Anyway    STOP Installation
2.2.2 Install Windows Sync Software

It is for the PC to connect with HHU software.

- Click ‘ActiveSync’ to install the file.

![ActiveSync installation screen](image)

![InstallShield Wizard](image)
Microsoft ActiveSync 4.2

Welcome to Microsoft ActiveSync 4.2 Setup

Click Next to install Microsoft ActiveSync 4.2 on your computer.

License Agreement

Please read the following license agreement carefully.

MICROSOFT SOFTWARE LICENSE TERMS

MICROSOFT ACTIVESYNC 4.2

These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft:
Microsoft ActiveSync 4.2

Ready to Install the Program

The wizard is ready to begin installation.

Setup is ready to begin installing Microsoft ActiveSync 4.2

Microsoft ActiveSync 4.2

Installing Microsoft ActiveSync 4.2

The program features you selected are being installed.

Please wait while the Setup Wizard installs Microsoft ActiveSync 4.2. This may take several minutes.

Status:
After the installation, please click ‘Yes’ to restart the PC.

After restart PC, run the software ‘Microsoft ActiveSync’, and keep the PC connecting with HHU via USB.
Set Up a Partnership

Before you can synchronize information between your mobile device and this computer, you must set up a partnership between them.

Would you like to set up a partnership?

- Yes
  Set up a partnership so that I can synchronize information between my device and this computer.

- No
  I don't want to synchronize information. Set up my device as a guest so that I can copy or move information between my device and this computer.

Select Number of Partnerships

Your device can have up to two partnerships or a partnership with only this computer. Do you want your device to have a partnership and synchronize with only this computer?

- Yes, I want to synchronize with only this computer
  Remove any existing partnerships on my device and set up a new partnership with just this computer.

- No, I want to synchronize with two computers
  Set up a partnership with this computer, but do not remove any existing partnerships on my device.
Select Synchronization Settings
Select the type of information you want to synchronize.

To synchronize a particular type of information, select its check box. To stop synchronization of that information, clear its check box.

<table>
<thead>
<tr>
<th>Mobile Device</th>
<th>Desktop Computer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Files</td>
<td>Synchronized Files</td>
</tr>
<tr>
<td>Pocket Access</td>
<td>Microsoft Databases</td>
</tr>
</tbody>
</table>

To find out more about and to customize what gets synchronized, click on that information type in the list and then click Settings.

Setup Complete

You are now ready to start exchanging information between your mobile device and this computer.

Upon exiting this wizard, Microsoft ActiveSync will open and:

If your device is a guest, click Explore on the toolbar and start exploring your device.

If your device has a partnership, synchronization starts. Please wait until synchronization is complete before using your device.

Click Finish to exit this wizard.
## WindowsCE

### Connected

<table>
<thead>
<tr>
<th>Information Type</th>
<th>Status</th>
</tr>
</thead>
</table>

### Connected

Synchronized

<table>
<thead>
<tr>
<th>Information Type</th>
<th>Status</th>
</tr>
</thead>
</table>
3. HHU Software Introduction

3.1 HHU Software Main Functions

The HHU software has mainly 3 function modules, namely, reading, writing, and executing.

3.1.1 Reading

- **Energy**: Current values of energy.
- **Billing Data**: Monthly and daily frozen energy and credit data.
- **Instantaneous Values**: Instantaneous values of meters, such as voltage, current, frequency, active power, and so on.
- **Event**: There are three types of events in total. Select each type to read the relevant events.
- **Prepayment**: prepay information.
- **Parameter**: meter basic parameters that can only be read out.
3.1.2 Writing

**Billing parameters:** It is used to read and configure the finished date and hour of billing period. The format of monthly billing date is ‘dd hh’ (‘date, hour’, dates are from 01 to 28 and hours are from 00 to 23), and the default billing date is at 0 clock on the 1st day of each month.

The format of daily billing time is “hh mm”(hour, minute);

**Basic parameters, power quality:** There are information about identification numbers. Here you can change the parameters about meter location.
Basic parameters

**Display configuration:** Display items: it can set the contents displayed on the LCD and the scrolling interval between former and later items.

(a) Auto scrolling display interval: set scrolling interval (unit: second).

![Auto scroll sequence](image)

**Display configuration**

(b) Auto scrolling display items: get or set the contents displayed on the LCD in Auto scrolling list.

(c) Manual scrolling sequence 1: get or set the contents displayed on the LCD in manual scrolling list.

(d) Manual scrolling sequence 2: get or set the contents displayed on the LCD in manual scrolling list.

Take Auto scrolling display items as an example:

1. Select the items which should be displayed on the LCD.
2. The selected items will be displayed at left, and then click to write the setting to the meter.
Friendly Holiday:

![Diagram of Friendly Holiday settings]

**Function switch:** Get or set the value of Function SW.
**Token**: set the token.

**RTC**: Get or set the value of RTC. The user can set the time according PC time or input time by the user.
3.1.3 Executing

Execute is used for setting the special operations in the meter.
If some commands need to be executed, click the Checkbox on the left of corresponding items, and click \( \text{execute} \), these operations will be operated in the meter.

**NOTE:** please be cautious when executing the selected commands.

### 3.2 Software Operation

Double click shortcut “HexView” on the HHU desktop to enter the software.

- User name: hexing
- Password: 000000
Click Login after inputting the username and password.

Select the meter No and click connect.
3.2.1 Reading

For example: reading Instantaneous Values
Instantaneous Values of meter, such as voltage, current, frequency, active power for three phases and for each phase, and so on.

Click the icon 

Click icon 

Click icon to read;
Click Icon.

Exit: Click Icon.
3.2.2 Writing

Click Write button, then the following screen will pop up;

For example: Writing Billing parameters

Select Billing parameters first;

Click Icon 

![Diagram of system settings with Billing parameters selected]
Click Icon  

Exit: Click Icon  


3.2.3 Executing

Click Execute button, then the following screen will pop up:

For example: Execute Connect the Disconnector;

Select Connect the disconnector first;
Click Icon 

Click "Yes" to execute the selected operation;

Pls note that the Read, Write and Execute of other operations are similar as the examples shown above.
NOTE: Due to continuous improvement of the software, the screenshot shown in this user manual might be slightly different with the actual software interface. Information in this document is subject to change without notice. The information is accurate at the time of printing (March, 2013) © Hexing Electrical
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