

Multi-functional Lifter Control Center Manual

(Ver: A03)

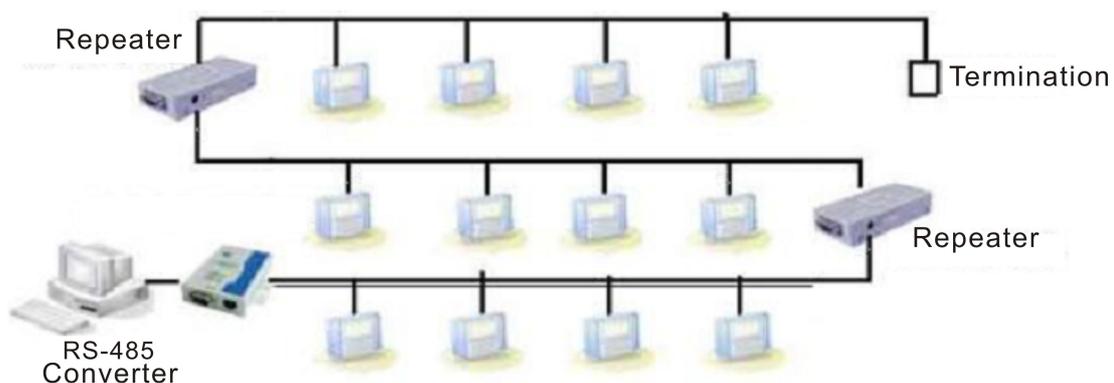
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Chapter 一, System Overview

Multi-function control center software for lifting equipment, which our company produced with VB series electric lifting remote control operations. From one computer to install this software as a master terminal, using RS485 bus connected to the bus on all lift equipment for remote control. System control network topology as shown below:



The software on the host computer, the recommended configuration is:

CPU: P4, 1GHz

Memory: not less than 256M

Hard Disk: not less than 16G

Display: Supports resolution of 1024 × 768 and above

OS: Windows98, Windows2000, Windows XP

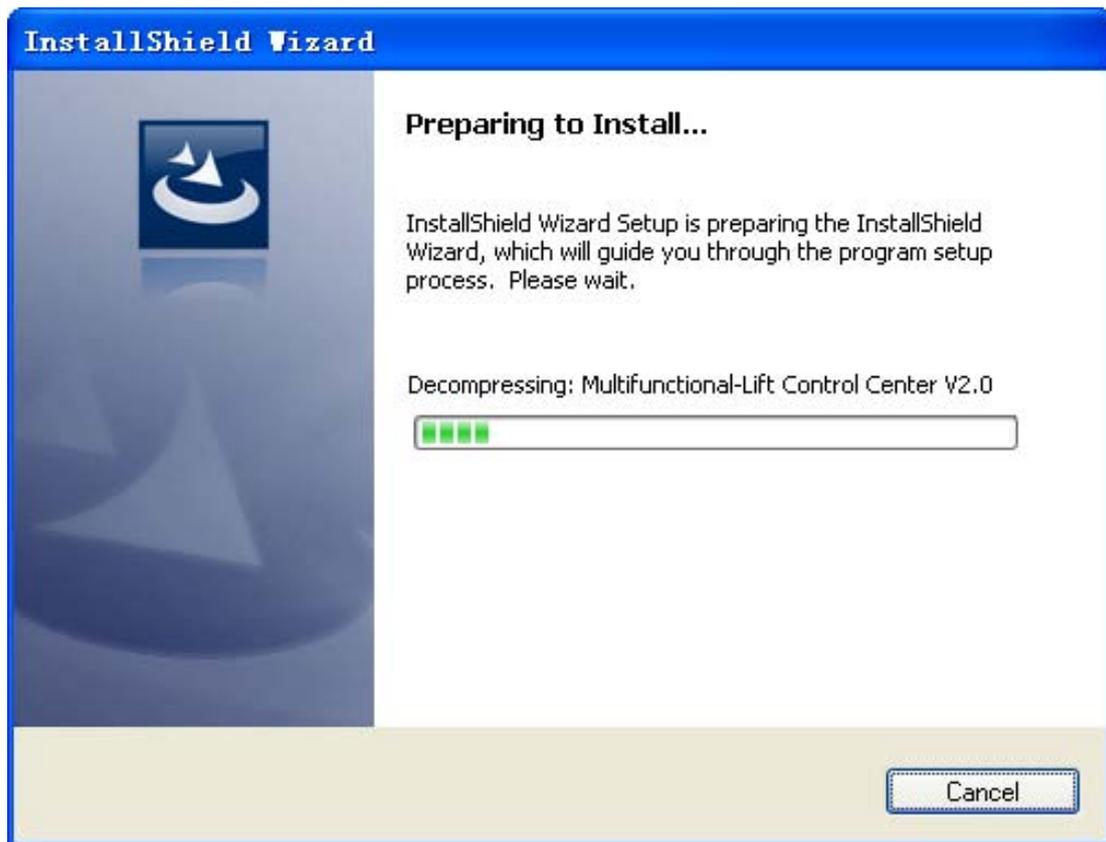
In addition, the request must have at least one RS232 serial port.

Chapter 二, Control Center software, instructions

The use of RS485 communication bus, the control center to provide convenient, reliable, centralized control platform, allowing users to easily take off or control and setting for the on-line lifting equipment. Details of the use control center see below.

一, , install the software

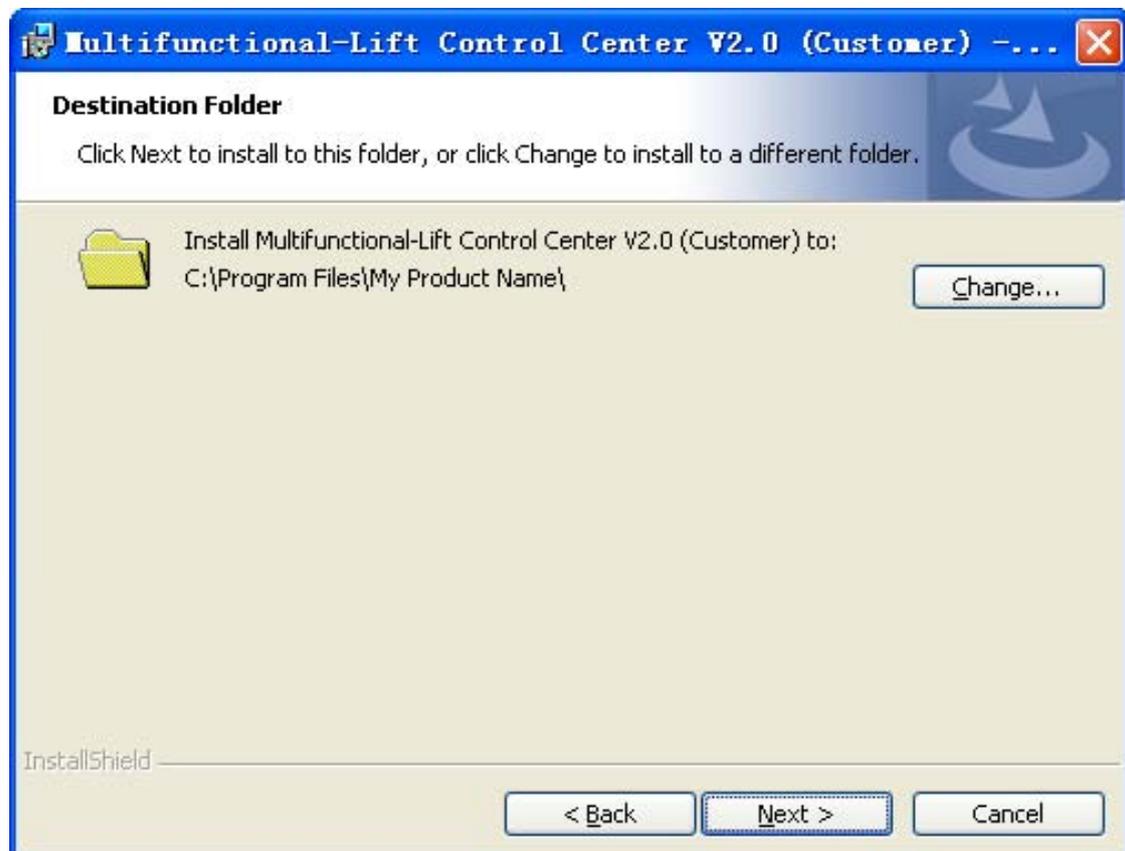
In the Windows operating system, open the stochastic CD-ROM, find the installation file "multi-functional lifting device control center. Exe", the left mouse button double-click the file to begin the software installation. After the installer starts running the interface as shown below:



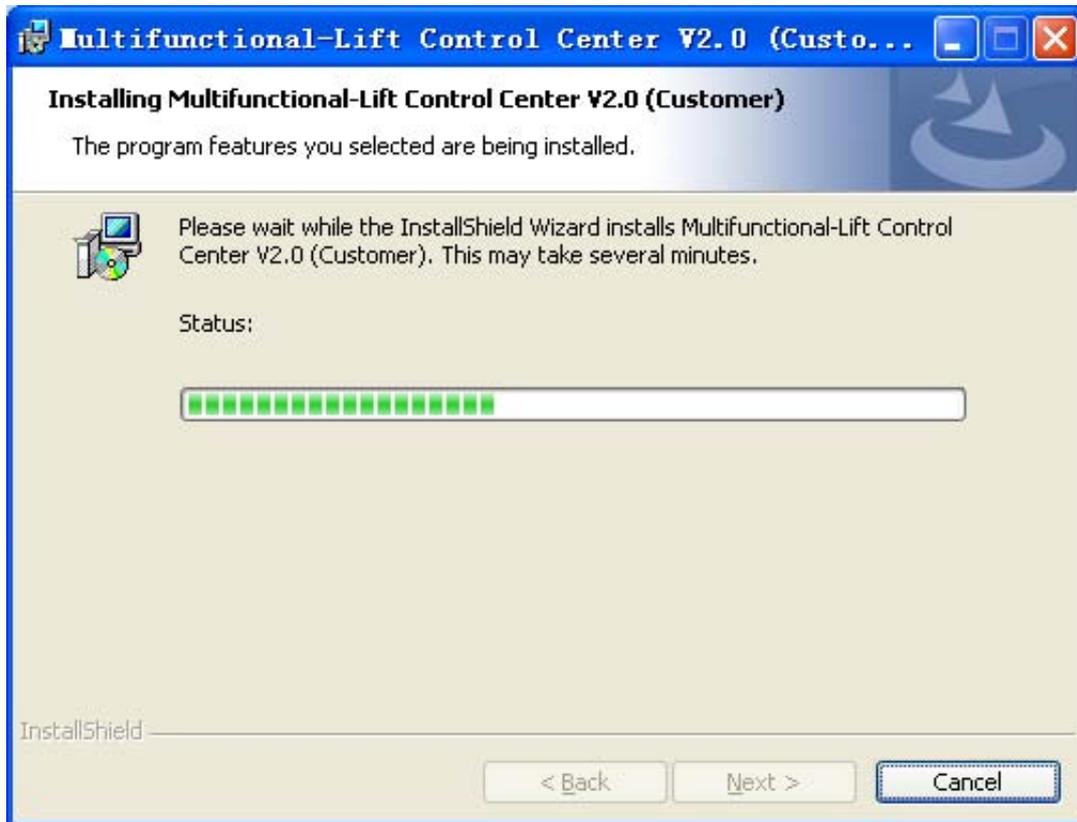
The installation process, if you want to interrupt the installation process, click the "Cancel" button. Installation process will prompt the software's copyright information, if accepted, click "Next", otherwise click "Cancel" to quit the installation. As shown below:



Installation program will ask the user about the installation path, users can change the installation according to their own needs. After confirm the installation path, click "Next", otherwise click "Cancel" to quit the installation. As shown below:



Followed by the installation software prompts to complete the installation. The installation process as shown below:



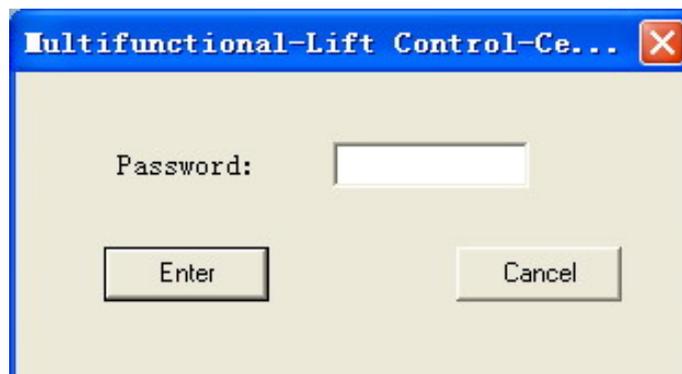
After installation is complete, will be on the desktop and Start menu automatically generates the appropriate shortcut. Users can directly click the shortcut to run the software.

二, the use of the software

The user clicks in the Windows desktop or Start menu shortcuts "multifunctional lifting device control center" to begin the operation of this software.

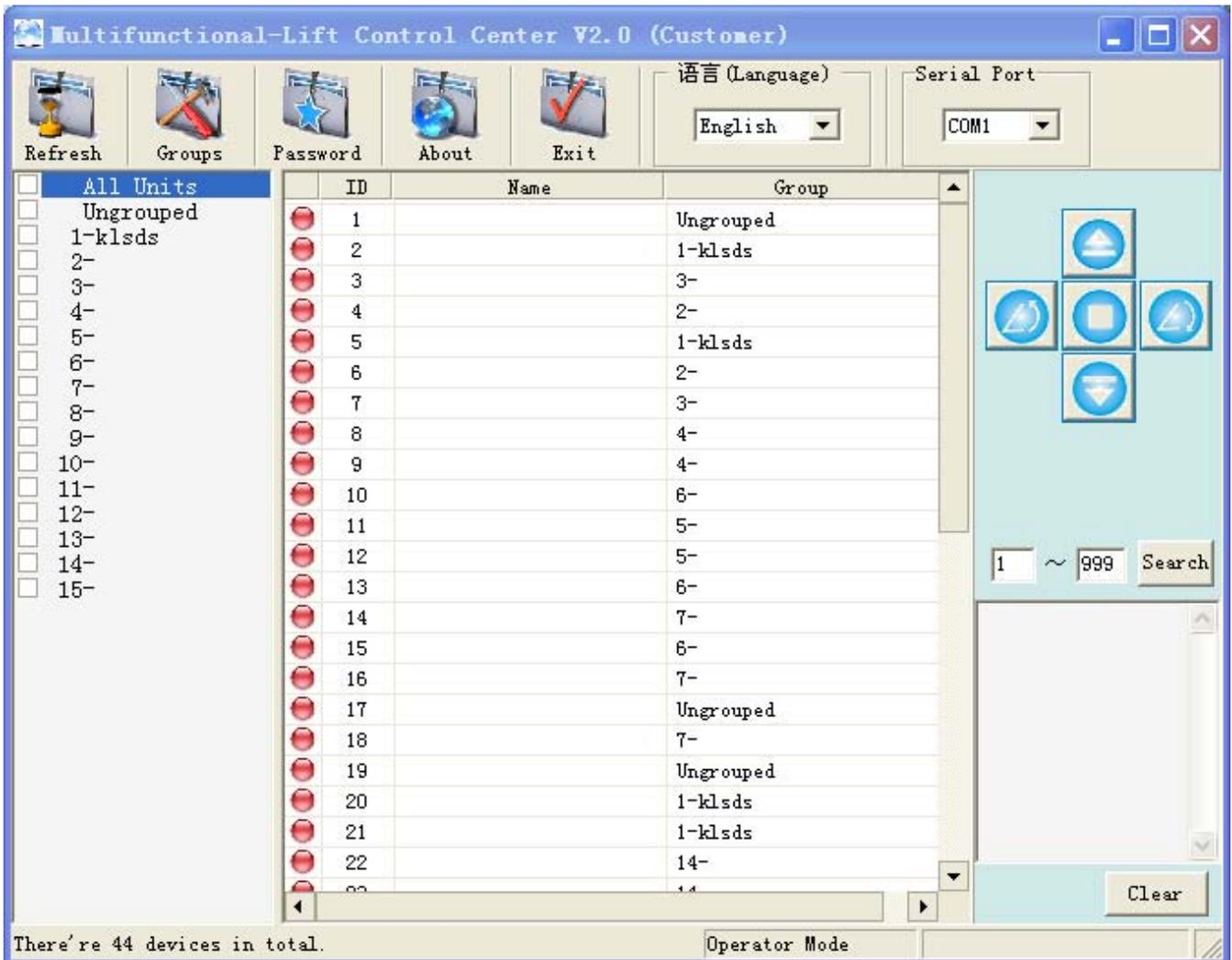
1, Master Interface

Open the software, we must first enter the correct operator or administrator's password to enter the master interface, the password input interface, as shown below:



This software provides users with two passwords, and the corresponding two kinds of modes of operation, specifically refer to "3, rights management."

Password input is completed, click "enter" button, if the password is correct, then enter the host interface, as shown below:



a) Master interface, mainly components with 6 part, specifically as follows:

a) Set column

- Status Refresh: Refresh the currently selected group of all equipment online.
- grouping settings: Open "grouping Settings" window, change the grouping of all online device information.
- Password Management: Open the "Password Settings" window, modify the operator or the administrator's password.
- on: Open the product information description window.
- Exit: Exit the software. Out of the operation of the software is not effected by the on-line status of the device have any effect.
- Language selection: Select the current interface language. Now supports Simplified

Chinese and English both languages. There are other languages provide if the user requests, please contact us.

●serial choice: select the current host computer's serial port. Users can choose COM1 ~ COM9 a total of nine serial ports according to the actual situation the default for COM1 port. All serial communication dates are fixed value, for the baud rate 4800bps, 8 bits of data bits, 1 stop bit, no parity, no flow control.

b) Group column

Group column shows the names and numbers of all groups. The software supports 16 grouping, which failed to marshal without number, and can not be re-named, the other 1 ~ 15 group both can modify the group name.

Users can select the group you want to see the grouping column, belonging to the grouping of the equipment will be column to the right of groups listed that in the list of devices.

If the user group column select "all devices", then the equipment list on the right will list all equipment, ID, where the group group name and online status.

c) list of devices

Equipment List lists all of the currently selected group of devices, including device ID, where the group name and online status.

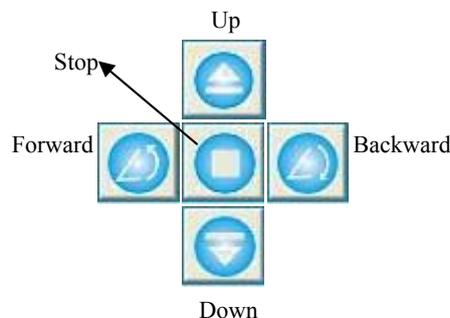
Device ID: This software supports device ID range from 1 ~ 999.

In addition, the need for detailed description of the online status icon meaning:

-  Indicates that the device is currently online, and have been completely unlocked, can be permanent use normally.
-  Indicates that the device is currently online, at the trial, during the trial period can be normal use; the end of the trial period will be locked.
-  Indicates that the device is currently online, it can't work properly before of unlock.
-  Indicates that the device is currently not online, lock status unknown. .

d) Operation button

First of all columns in a band and equipment list, select the operate the device, which you want and then click the action button to make the selected equipment to up, down or forwards, backwards actions, or stop all actions



e) Communications column

Real-time communication column shows the current data content through the serial port used

for other devices which you want in the control of the code.

Click the bottom of the bulletin "Clear" button in the communications contents.

f) Status column

The status column displays the software currently running and operation of the state of tips.

The status column is divided into four columns:

The first column: shows the current mouse button pointing to the list of feature description.

The second column: Real-time display of the progress column, in the current group of all equipment status update, search all the on-line devices when operating, displaying refresh or search for progress.

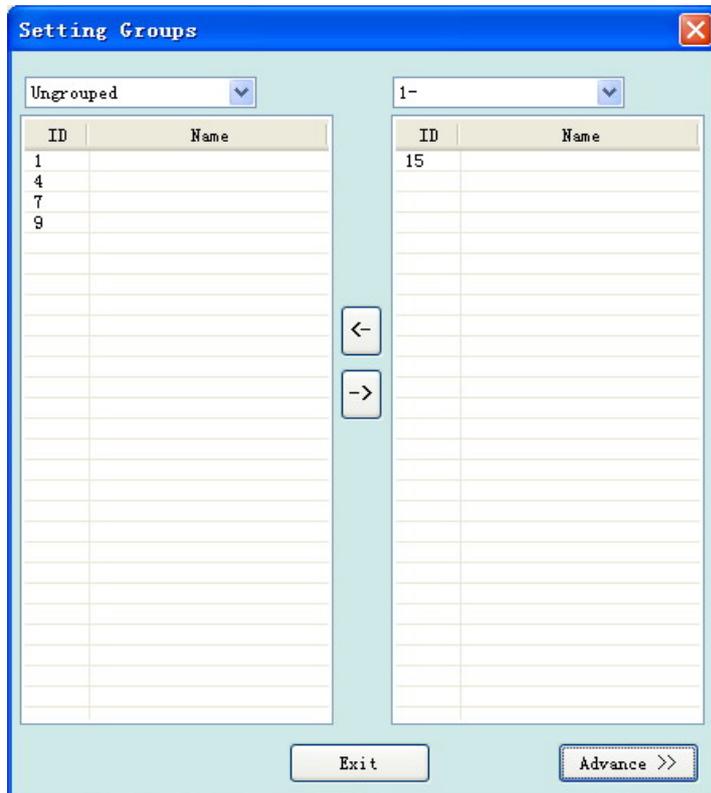
The third column: Displays the current mode operation of the software (the administrator mode or operator mode).

The fourth column: Displays the software currently occupied by the host computer's serial port and its parameters.

2, in the organization set up

Grouping settings use for the devices into the user-specified group. The software supports up to 16 grouping, of which "not grouping" can be considered as a special organization, and all equipment that in the absence of pre-set grouping, all are un-marshalling.

Grouping settings including simple interface and advanced settings to set interface, set the following picture shows the simple interface.

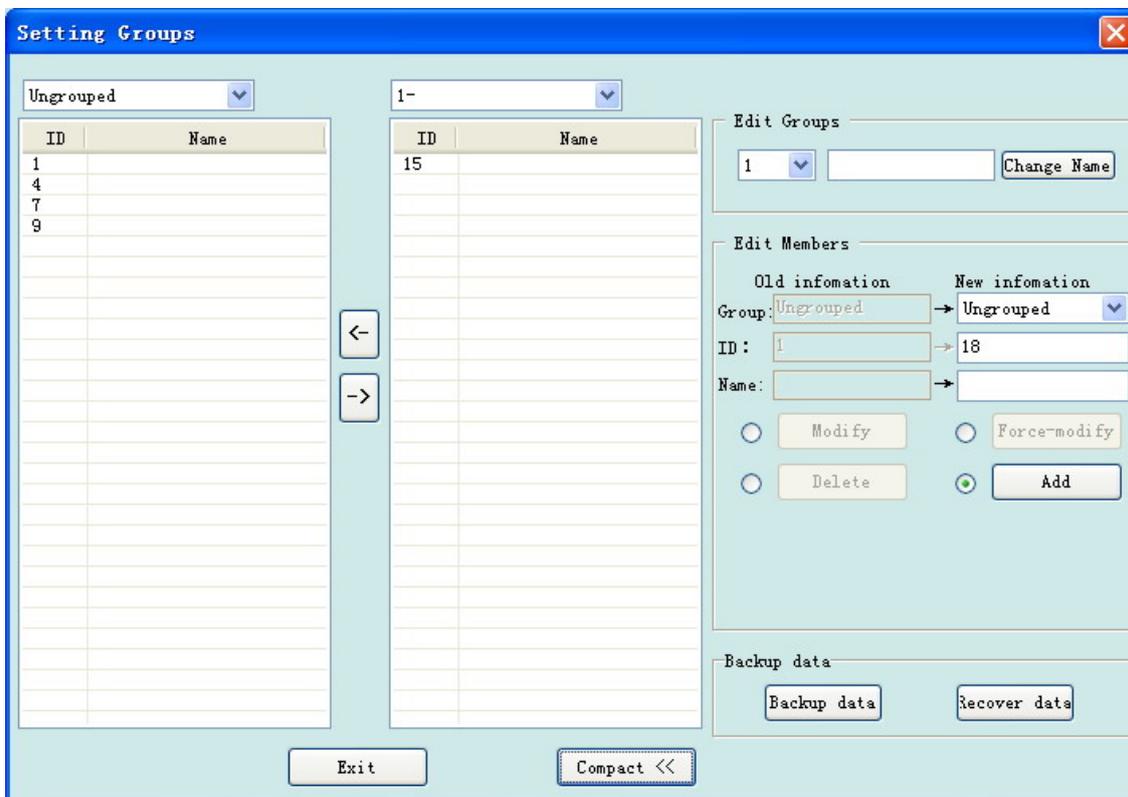


Simply setup interface also showed two groups of equipment list, user can move the selected device to the designated group .

Note that if you want to move the selected device is offline, then the device actually has not been moved to a new group, only displayed in the new group in the software, so at this time whether or not

refresh displayed the device offline when carry out group refresh operation. When re-search for the device, the device will appear in the original group.

In the simple setting interface, click the "Advanced" "" button to open the advanced settings interface, as shown below.



In the Advanced Settings window, click the "simple" "", settings can be restored to the simple interface.

Advanced Settings interface provide users with three additional grouping set features for users:

a) Section editors

Addition to the "no grouping", the user can re-name the other 1 ~ 15 groups. Group name support no more than 20 Chinese characters or English letters and numbers. The name can be the same as different groups.

b) Equipment Editor

Equipment, editing means is to modify the specified group, ID and device name. **Equipment, editing , must follow the principle of ID must be unique, that ID can not be the same as different devices.** Device ID setting range is 1 ~ 999. The name of the different devices can be the same.

Equipment Editor has the following four main functions, choose to select functions from the single buttons to switch:

Select modifications: to modify the selected group of individual devices, ID and name. The modifying equipment must be exist when it seting changes.The device's original information displayed in the "original message" in; the user in the "new information" and enter a new group, ID and name. Enter After finished enter click "Modify" to confirm changes to complete.

Mandatory modifications: change is mandatory regardless of the number of the current line of

equipment and device information, all online facilities of the group, ID and name to a formulation of value. This feature is mainly used for installation and commissioning, to change the single-line device information when is online. After the installation, the user should to use this feature carefully.

Remove the equipment: the list from the device to remove the selected single or multiple devices, but the actual existence of equipment that does not have an impact, but in the software no longer displays the device removed. New Search All equipment will have been removed equipment to re-appear in the device list.

Additional equipment: Add a new equipment, the new equipment information in currently equipment list should be non-existent. The new device information is put in the "new information" by the user.

c) Data Backup

Data backup function is mainly used due to user errors, or grouping of information is lost, for grouping information and data recovery. The use method is: when the user grouping all the equipment completed, click on "data backup" to complete the grouping of data backup operations. Since then any time user clicks on "data recovery", the device can be restored to the backup time of marshalling the information state. Exceptional cases, if the software is re-installed, the backup information will also be lost, atthis time must be re-grouping and carry out data backup.

3, rights management

In order to prevent operator misuse and to ensure equipment reliability of information, the software set up three rights,the operator and administrator rights are for the user to use; the super-user privileges only for manufacturers to maintain equipment.

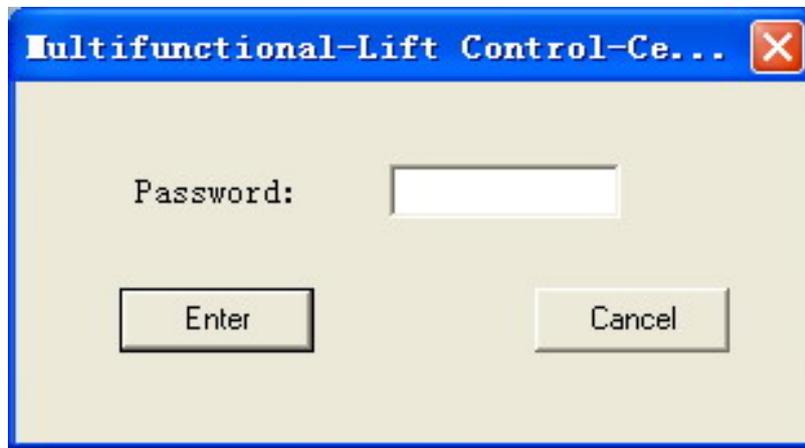
The software supports up to 8 letters or numbers as your password.

Below will introduce the two rights of the operators and administrators to access the functions and modus operandi.

Permissions	allow the operation
operators	<ul style="list-style-type: none"> ● view the equipment grouping of operator information and devices list in each group; ● control equipment to up and down, the forward, backwards and stop, etc ● view the communication original code; ● change the operator password.
administrators	<p>Administrators have access outside the operator's operation can be carried out the following:</p> <ul style="list-style-type: none"> ● modify the device grouping information, including revising group name, add and remove devices, modify equipment, information, etc.; ● grouping of data for backup and recovery operations; ● modify the administrator password.

Specific operation method are as follows:

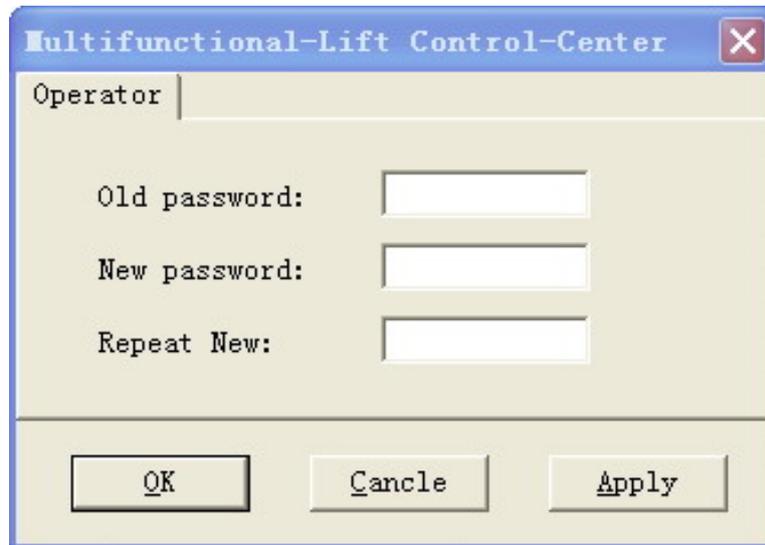
- a) when user running this software, first , password input window appears below:



When users enter correct operator and correct password or administrator password, can enter the corresponding operator mode or Administrator mode. The initial operator password is: 00000000the initial administrator password is: 88888888.

b) modify the operator password. In the operator mode, click on "Change Password" in the main interface, then enter the window to modify the operator password.

According to the promote operator can modify the password prompt.

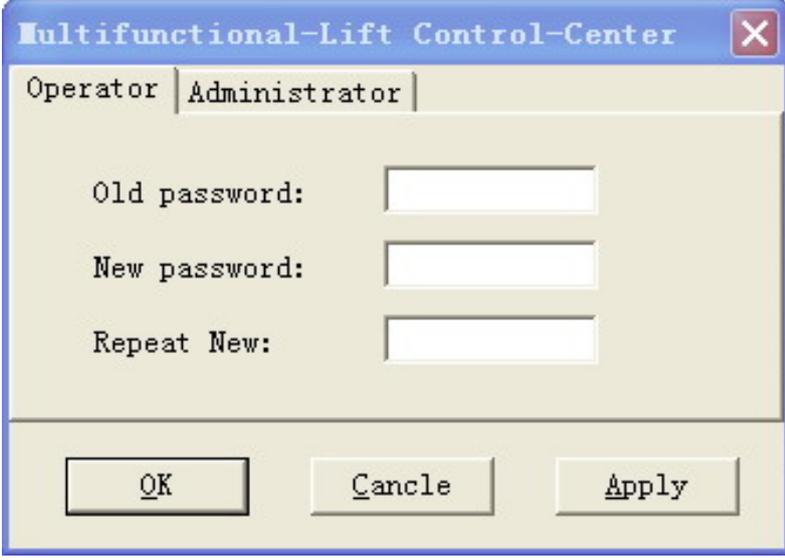


c) In the operator mode, click on the "grouping Settings" button in the main interface, it will require the user to enter an administrator password, as shown below:



The user enter the correct administrator password, the software transfer to the administrator mode, the user can enter the grouping set up window to operate the window.

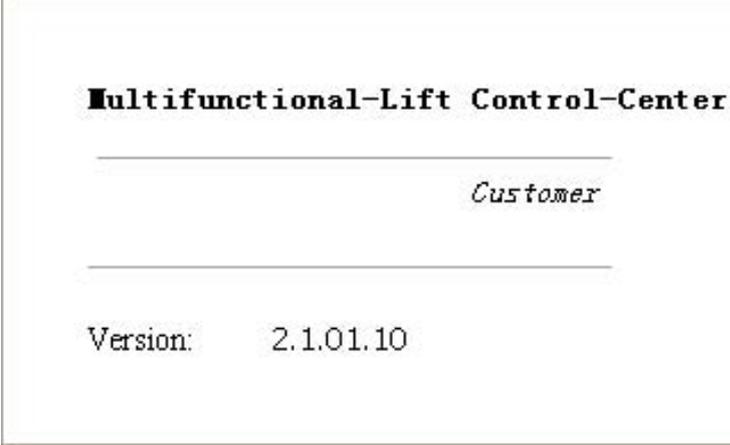
d) In the administrator mode, click on "Change Password" button in the main interface, then enter the modify Password window, at this time the user can modify the operator and administrator 2 glass password, as shown below:



The image shows a dialog box titled "Multifunctional-Lift Control-Center" with a close button (X) in the top right corner. The dialog has two tabs: "Operator" and "Administrator", with "Administrator" currently selected. Below the tabs are three text input fields labeled "Old password:", "New password:", and "Repeat New:". At the bottom of the dialog are three buttons: "OK", "Cancel", and "Apply".

4, view product information

The user click on "About" button in the main interface, you can view product information for our software as shown below:



The image shows a dialog box titled "Multifunctional-Lift Control-Center". Below the title is a horizontal line, followed by the word "Customer" in a serif font. Below "Customer" is another horizontal line. At the bottom of the dialog, the text "Version: 2.1.01.10" is displayed.

Chapter 三, Frequently questions dealing with

1, open the software is always prompted for a password error.

First, the software is case-sensitive passwords, the password input Make sure case is correct, sure the caps lock is mistakenly activated.

Secondly, if the password can not be recovered, it may consider to uninstall and reinstall the software. In this way, the operator password and administrator password will revert to the original password, means the operator password: 00000000, administrator password: 88888888. However, reinstall software will lead to the original grouping information lost, users need to re-search appliance.

Finally, if the user just want to recover your password, but must retain the original grouping information, please contact with our company.

2, the software window is too large, the screen can not show all.

Make sure display resolution is set to more than 1024 × 768.

3, all devices are shown as offline, and the up , down and other operations are also non-response.

If you click on "up", "down", etc. buttons, communications column appear no-date, to identify the currently software used serial port whether is occupied by other programs. Quit occupied serial process and restart the software can be OK. Or set the current serial port of software to other free serial port can be used normally.

If you click on "up", "down", etc. buttons, communications column data shows, please check whether the host computer's serial interface and RS485 bus network connection reliability.

4, there are facilities shown as locked at the up, down and the other operations are also non-response.

Lock-state device, said the trial period has ended, if the user needs continue trial or unlocked state, please contact with our company

5, how select the multiple devices in the device list?

The same operation as "My Computer" or "resource manager" in Windows, hold down the Shift key on the keyboard and click the left mouse button, or hold the left mouse button and drag from the device list in the space ,can select continuous multiple devices. Hold down the Ctrl key and click the left mouse button, can select an arbitrary multiple devices.

This method is in applied across all the main window and grouping is applied across all settings window.