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The SJT-WVF5 Group Control System is composed of Group Control Card (QKB2) and every distributed elevator main control board (BL-6 or BL-3 or BL-2000/3000 .**).

It is applying the serial communication network CAN centralize system to communicate with all elevator controller to exchange information. After gathering all the information, the microprocessor unit will begin the logic analyzing and computation on it, following by outputting the relevant commands and responses. It can achieve up to 8 cars group control with maximum 64 floors each elevator.

SJT-WVF5 elevator group control system can achieve the following four kinds of operating mode:

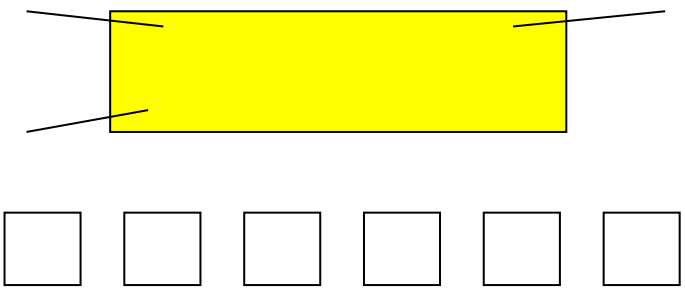
Elevators are assigned to homing floor to serve up peak traffic during the preset time (refer to SJT-WVF5 user manual for setting the homing floor)

One elevator is assigned to serve up traffic, the rest of the elevators in the group are assigned to serve the down peak traffic.

Hall calls are being divided into a few regions so as to serve the hall call registrations as soonest as possible.

During Balance Mode operation, if no car call or hall call is made for 3 minutes, the elevators will be assigned to standby at the first floor of each region, this is to increase the efficiency of attending hall call registration.

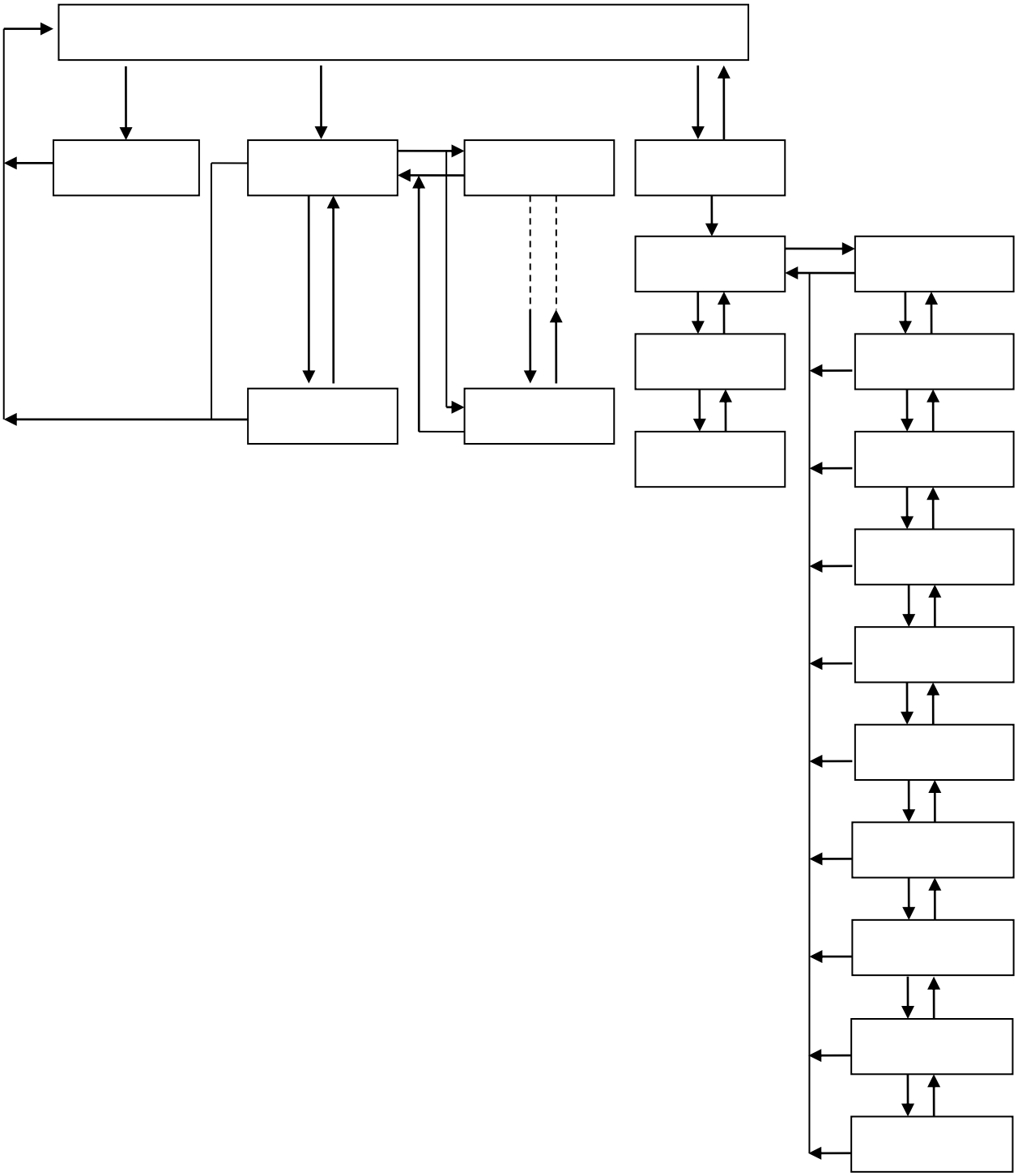
LCD Keypad has six keys, the arrangement and definition as below:



The functions of the keys are:-

Key	Description
Menu	Unconditionally return to main menu.
Enter	To enter to the next level of menu, to confirm the modified value or the car call registration.
Esc	To escape to the upper level of menu or to cancel the amendment.
>	Right scrolling cursor or to viewing communication status and grouping status in main menu.
	To scroll up one screen, to increase parameter value by one or to select YES (ON).
V	To scroll down one screen, to decrease parameter value by one or to select NO (OFF).

Group control board (QKB2) uses the LCD display and keypad operation to set the group control system operating modes, hall call up and down, car call availabilities, system date and time, On duty and Off duty times, and to view each elevator running status.

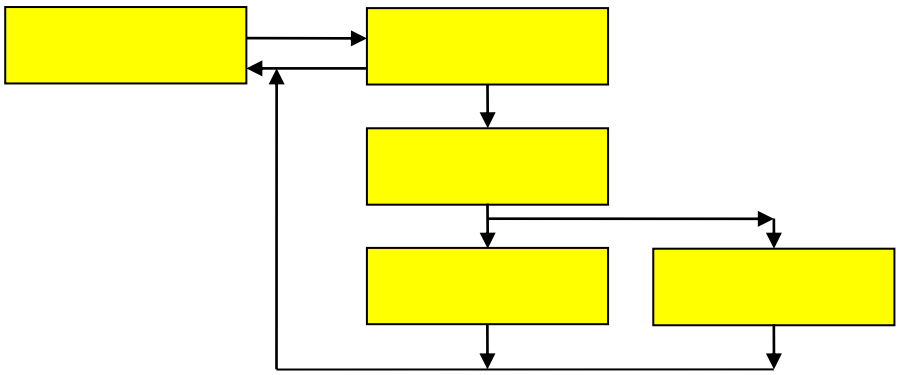


A, B, C, D, E, F, G and H are representing the eight elevator numbers; the arrow beside it is indicating the elevator running direction; the number or alphabet below the elevator number is showing the current actual floor

Password (User Level or Factory Level) must be correctly entered in order to enter into Parameter Setting menu.

enter into the

General Parameter setting menu. Or else it will display:



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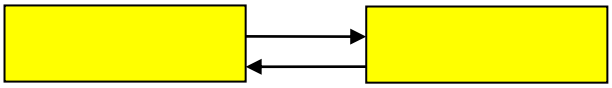
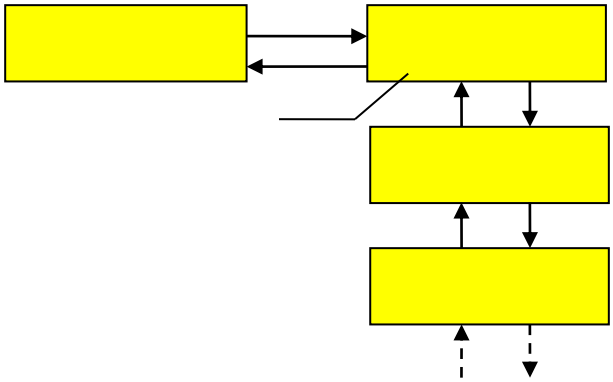
saving is failed, please contact factory for further assistance.

Note: Any changes in parameter setting will be effective immediately, however,

when system power is cut off, the changed parameter setting will be reverted to before value.

It is for changing and setting new User Password.





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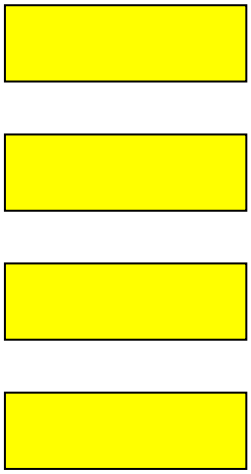
Mode 0 : spare, not used.

Mode 1

Mode.

Mode 2

Mode.



On Duty mode times.

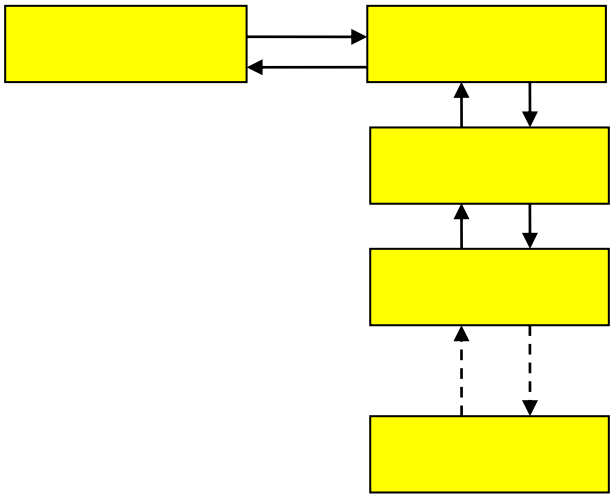
l system will enter Off Duty mode between the start and stop

Off Duty mode times.

When On Duty Mode and Off Duty Mode

the On Duty Mode; If the system time is

Off Duty mode.

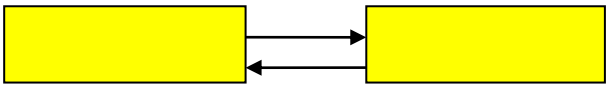


If there is any non-stop floors setting required in the Group control system, the non-stop floor setting in every main control board must be similar to the setting in Group control system.

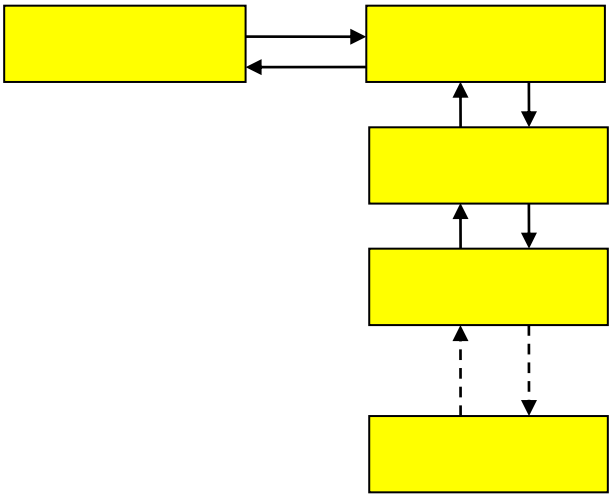
Please be noted that the Main control board is using actual floor number(s) in the non-stop floor setup, whereas, the Group control system is using relative floor number(s) in the non-stop floor setup. If the setup of non-stop floor is wrong (non-stop floor set in Main control board is not corresponding to the non-stop floor set in Group control system), the system will have conflict in responding to registered calls (like travelling directions and run contactor (KDY) ON-OFF repeatedly).

When setting up the non-stop floor in Group control system, all elevators (A to H) must be set to the same

Elevator- -B), then the Group control will perform call distribution



This function is available for software version 706_12 and higher versions.



When the elevator gro

elevator in the group control system, the group control system will automatically distribute the elevators to average region based on number of floor; for example, if there is a 20 floors building having 3 car Group control system, Elevator-A will be distributed to Floor 01 for waiting call, Elevator-B will be distributed to Floor 06 for waiting call and Elevator-C will be distributed to Floor 12 for waiting call.

idle for 5 minutes.

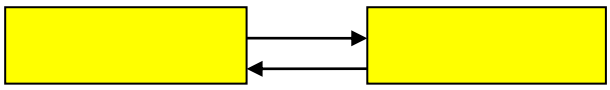
Remarks:

(1)

distribute the elevators to average region for waiting calls.

(2) During Group controlling, the Homing Floor setup of every Main control board will be null and void

(3) The Group control system is using absolute relative floor number(s) in the Homing Floor setup. floor, so on and so forth)

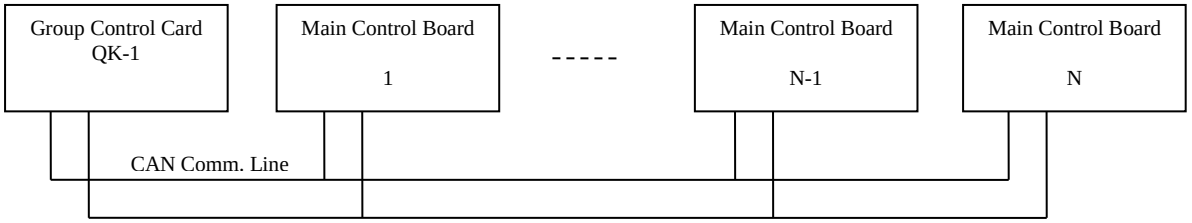


(1)

ame;

(2) In Group control system (3car group and above), if the bottom floors are not same (some elevators are having basement floors), the most lowest floor elevator should be set to Elevator A, the second most should be set to Elevator B and so on and so forth; If the bottom floors are same whereas the top floors are not same, hence the highest floor elevator should be set to Elevator A; If none of the above mentioned, elevator numbers can be randomly set.

In case of Group control, the terminal resistor of main control board for group control communication must be removed except the Group control card QK-1 and the furthest Main control board. See below diagrams:



the terminal resistors R287 & R252 (which resistor has marking 620, i.e. 62 ohm) near to J4 of Main control boards from board 1 to board N-1.

the terminal resistors on Group control card and the furthest Main control board N.