



This system used Japanese type P class 1 as design blueprint. Also up-to date electronic materials are generally used that the error is minimized, working accuracy enhanced and trouble rate greatly lowered.

#### **FACE BOARD FUNCTION :**

Computer-class board design (multi-color) is used for much characters without fading, easier maintenance, better functioning and display, and easy to use.

#### **POTENTIAL LINE :**

The CPU line may recover the first fire signal automatically and any fire alarm positively let the second signal scanning detecting to make sure

#### **FACE BOARD INDICATING LAMP : LED**

- Regular source : Lights on indicating alternating current in irregular supply and substituted by battery
- Line trouble : When double-lamp lighted, indicating fuse trouble of main unit board.
- Fire sound : When fire warning received, warning received, warning sound is released (above 85 dB)
- Buzzer : On and off indicating line broken, long sound indicating telephone trouble or water below level
- Dispatcher : if lighted at the same time with the circuit, indicating (manual operation dispatcher).
- Telephone : if telephone light on, indicating incoming call, please take the receiver.
- Breaker lamp : Circuit light flash, indicating breaking line, of detector loosening, the buzzer will sound.
- Fire warning : (Red) light on, please check the circuit lamp for fire area.
- Fire potential lamp : Double-lamp lighted indicating fire confirmed by the second signal, explanation
- Digital volt-meter: Indicating regular power supply.
- Water level warning : Transmitted by pump starting plate, indicating tank water below level

#### **CIRCUIT CHARACTERISTICS:**

Imported relay circuits are used for power saving when superinsuring and greater output to minimize trouble and obtain longer life.

Thundering rod is attached to the circuit to avoid high tension breaking through that the line voltage is regulated to ensure accurate action.

The end resistance is installed on the line board. An independent switch is given to each circuit and it is turned to "OFF" end line board directly outside line short circuit or sensing action.

#### **SOURCE BASIC BOARD:**

The controlling outside line indicating lamp and area bell are controlled by relay for stable output. Breaking the fuse points for easy maintenance and inspection. Thundering rods are attached to outside lines for safety purpose stable IC control is used for charging lines to ensure good charging and longer battery life.

#### **CONFIGURATION:**

Outside lines are guided into grooves to connect inside line so to avoid short circuit. Computer connecting ends are used for inside lines that replacements may be made by remove the joint only in case of trouble to simplify the process and speed the maintenance. A special design is on the break of the face board for monitoring the general

## SWITCH OPERATION : UP-SETTIN DOWN - CLOSE

- ⦿ Circuit test : Test one of the switches of the face board for fire waning and breaker circuit.
- ⦿ Battery test : Test the battery, charging may be tested by basic board (charging lamp) durig reverting.
- ⦿ Fire test : if not set, test the fire circuits one by one the switches on the face board.
- ⦿ Breaker test : if not set, test the breaker circiuts on by one by the switch on the face board.
- ⦿ Breaking sound : if circuit on fire ,the main unit fire sound may be controlled.
- ⦿ Area sound : When fire action, the combined pate area bell may be controlled.
- ⦿ Emergency alarm : Press on to start main unit fire sound may be controlled.
- ⦿ Potencial switch : When setting, detectig error may be controlled by CPU automatically and circuit error eliminated.
- ⦿ Transmitting switch: When fire action, pump starting plate or transmitting NO or NC point may be controlled.
- ⦿ Automatic reversion : After the fire , the fir main unit may be reverted to supervising state.
- ⦿ Fire reversion : When press on, fire action may be release and fire main unit may be reverted to supervising state
- ⦿ Telephone : When calling in, please take the telephone to start talking.

## SPECIFICATION

Type	CL 9600 TYPE P FIRST CLASS
Standard	CNS. 8877 .Z2044
Regular source	AC 110V or AC 220V (50/60Hz)
Reserve source	DC24V
Circuit voltage	Regular DC 24V, Allowance DC 19V-DC30V
End resistance	10K ohm 1/4-1 Winstalled on the extreme end of the detector.
Exterior resestance	Below 50 onms after circuit action (When exterior line short circuit)
Detector	Smoke detecting type, differential type, constant temperature type.
Main unit buzzing	Built-in buzzer DC24V 90B(ON AND OFF TYPE)
Consolidated plate indicating lamp	Within 30v 30w maximum connections (fire circuit number x 1.3) pieces.
Consolidated plate ringws	Within 24v 100mA maximum connections (circuit number x 1.3) pieces
Consolidated plate pressing lock	To be used with area circuits or an independent circuit
Water alarm	point and line connecting by pump starter (NO voltage A point conecting)
Poing conection	(No voltage A point connection) AC220V 5A (550VA)
Telephine set	Two telephone receivers to each swithcboard.
Appearance	Steel plate 1.6M/M color : Ivory (baking finish)
Spares	End resestance, fuses and line chart as required number of circuits.