

# Fire Alarm Control Panel

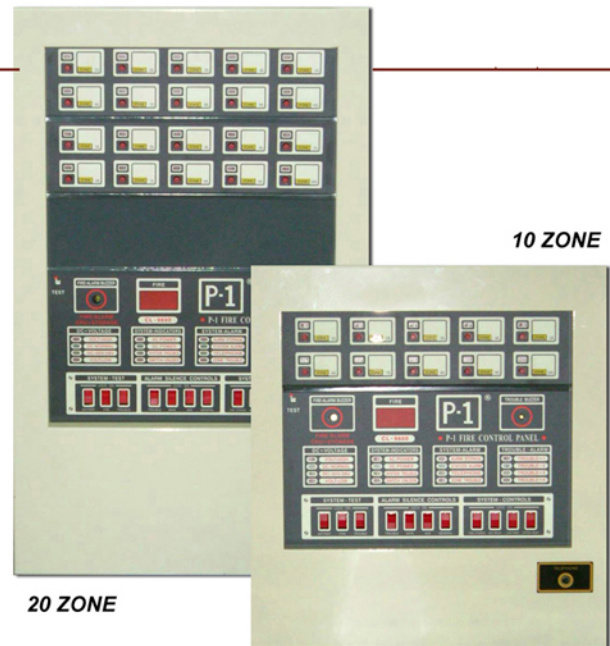
# CL-9600

## Electrical Feature

- Type : CL9600 Type P1
- Standard : CNS 8877 Z2044
- Regular source : AC220V (50/60Hz)
- Reserve source : DC24V close type, maintenance-free lead acid battery.
- Circuit voltage : Regular DC24V, Allowance DC19V-DC30V
- End resistance : 10K ohm ¼-1/W installed on the extreme end of the detector.
- Exterior resistance : Below 50 ohms after circuit action (When exterior line short circuit).
- Detector : Smoke detecting type, differential type, constant temperature type.
- Main unit buzzing : Built-in buzzer DC24V 90dB (on and off type)
- Consolidated plate indicating lamp : Within 30V30W maximum connections (fire circuit number X 1.3) pieces.
- Consolidated plate rings : 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 connecting)
- Point connecting : (No voltage A point connecting) AC220V 5A (550VA)
- Telephone set : Two telephone receivers to each switchboard.
- Appearance : Steel plate 1.6 M/M color : Ivory (baking finish)
- Spares : End resistance, fuses and line chart as required num of circuit

## Switch Operation : Up-setting Down-close

- Circuit test : Test one by one of the switches of the face board for fire warning and breaker circuit.
- Battery test : Test the battery, charging may be tested by basic board (charging lamp) during reverting.
- Fire test : If not set, test the fire circuits one by one by the switches on the face board.
- Breaker test : If not set, test the breaker circuit one by one by the switches on the face board.
- Breaker sound : If circuit breaking, the breaking buzzer sound may be controlled.
- Main unit sound : If circuit on fire, the main unit fire sound may be controlled.
- Area sound : When fire action, the combined plate area bell may be controlled
- Emergency alarm : Press on to star main unit sound and combined area bell directly.
- Potential switch : When setting, detecting 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.
- Fire reversion : When press on, fire action may be released and fire main unit may be reverted to supervising state.
- Telephone : When calling in, please take the telephone to start talking.



## Face board indicating lamp : LED

- Regular source : Light on indicating alternating current in regular supply.
- Reserve source : Light 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 sound is released (above 85dB)
- Buzzer : On and off indicating line broken, long sound indicating telephone trouble or water below level (electronic buzzer).
- 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, or detector loosening, the buzzer will sound.
- Fire warning : (Red) Light on, please check the circuit lamp for fire area
- Switch unfit : Flash indicating the switch unfitted.
- Fire potential lamp : Double-lamp lighted, indicating fire confirmed by the second signal, explanation chart attached.
- Digital volt-meter : Indicating regular power supply. (Above DC 20V, below DC 30V).
- Water level warning : Transmitted by pump starting plate, indicating tank water below level.

## Zone Detector And Dimension

Type	Wall Type											
Zone	5	10	15	20	30	40	50	60	70	80	90	100
W	400	400	400	400	400	400	400	520	520	520	520	520
H	430	430	620	620	790	950	1280	1040	1240	1240	1600	1600
D	120	120	150	150	150	150	150	160	180	180	180	180