

ISO 9001
Quality Certified



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FIRE SAFETY EQUIPMENT



◆ SGS ISO 9001 Certification



- ◆ YF-1 Fire Alarm Control Panel(CE)
- ◆ YF-3 Fire Alarm Control Panel (CE)
- ◆ YFPR-3 Fire Alarm Control Panel(CE)
- ◆ YFR-1 Addressable Fire Alarm Control Panel(CE)
- ◆ YRD-01 Rate of Rise Heat Detector (CE)
- ◆ YSD-02 Photoelectric Smoke Detector (CE)
- ◆ YFD-01 Fixed Temperature Heat Detector (CE)
- ◆ YSH-01 Combination Smoke and Heat Detector (CE)
- ◆ YMH-01 Multipurpose Heat Detector (CE)
- ◆ YFB-B6 Fire Alarm Bell (CE)
- ◆ YPA-0424 : YEPA-0424 Power Amplifier (CE)
- ◆ YPA-0436 : YEPA-0436 Power Amplifier (CE)
- ◆ YPA-0440 : YEPA-0440 Power Amplifier (CE)
- ◆ YPA-0450 Power Amplifier (CE)



- ◆ Fire Alarm Control Panel Test Device (Patent)
- ◆ Wireless Voice Alarm Inspection System (Patent)
- ◆ Toxic Gas Inspection and Auto Block System (Patent)
- ◆ Public Address Speaker Circuit Device (Patent)
- ◆ Fire Alarm Control Panel and Voice Evacuation System's Indicator Panel Device (Patent)
- ◆ Addressable Decoding Zoning Control Speaker Device (Patent)
- ◆ Two-Wire Transmission Communication Device (Patent)
- ◆ High Performance Amplifier Device (Patent)
- ◆ Fire Alarm Control Panel Surface Capacitive Touch Panel
- ◆ Fire Safety Monitoring and Control System



- ◆ Pre-Amplifier (Commodity Inspection)
- ◆ Public Address Amplifier System (Commodity Inspection)

About TYY

TYY is one of the well-known fire safety manufacturers. It occupies over 400 square meters, and is founded in Kaohsiung Taiwan in 1999.

Our company regards the public demand for safety as our own and commits to the design and manufacturing of fire alarm control panels, integrated voice evacuation systems, PA speakers and fire detectors.

Our company holds the spirit of "not producing, not accepting and not selling defective products". All TYY products are manufactured under a strict quality control system. Our commitment to quality is evinced by the certification of National Fire Agency, Ministry of the Internal Affairs and Ministry of Economic Affairs, under ISO9001:2008 recognized standard of quality management system.

We focus on quality and after-sales services, and offer technical training engineer courses that meet customers needs more reliably and efficiently, we have set up subsidiaries over 700 sales locations across the country and occupied first place in domestic market. Recently, our business expands to Southeast Asian countries, and worldwide.

TYY' CEO Mr. Zhang Lai-Chuan is rewarded for "good people and good deeds representative". During Director of Kaohsiung United Charity Association he undertakes public sector to carry on "Homeless shelter and homeless service", "Poverty and assistance to family planning" and establish second generation with anti poverty programs such as "Harbor City Collective Student Loan", "Youth Pre-Employment Training Program", utility "food coupon" to help "Seeing Hope Express Service". Besides, he has the idea of "taking from the community and giving back to society" and leading employees to make monthly donation to support deprived families with "food coupon", to help families in need, in cognition of corporate social responsibility.

Fire Safety
EQUIPMENT



▲ YF-5 / 10L-A



▲ YF-5 / 2L-A



▲ YF-5 / 12L-A



▲ YF-5 / 20L-A



▲ YF-5 / 32L-A

Features

- **Capacitive Touch Switch Interface:**
The traditional switches have the problem of bad contact such as contact aging, etc. On the contrary, the capacitive touch button extends the life of switch effectively.
- **Two-stage Alarm Delay Function:**
At the first stage, when the detector sends the signal for the first time, the control panel will automatically reset the signal and enter the second stage for standby after 8 seconds.
At the second stage, if there is another signal sent by the detectors within 9-40 seconds, the control panel will triggered the fire alarm, else reset the alarm signal. This will prevent the control panel from sending false alarms.
- **Anti-power Surge Function:**
When it has the abnormally high voltage or power surge, the device can protect the system to avoid damage.
- **Zone Indicator:**
Each circuit has 3 status displays, as follows: standby (off), breakout (flash at intervals of 1 second), and alarm(constant light).
- **Control Function:**
ON for test every zone of control panel "activation" whether device work normally or not.
- **Alarm Relay Output Function:**
When there is a fire, the 2 sets of relay output will be activated at the same time and can be used to control external devices.
- **Housed in a flame retardant ABS enclosure.**

Specifications

Item	Specification		
Model	YF-5		
Category	Conventional Fire Alarm Control Panel		
Type	Wall-Mount		
Power Source	230V AC 50/60 Hz ±10%		
Standby Battery	12V DC		
Charging Voltage	Below 13V DC 100mA		
Rated Impedance	Below 50Ω		
Detector Connection	No limitation for Conventional Rate of Rise or Fixed Temperature Heat Detectors; Up to 30 Photoelectric Smoke Detectors can be connected per zone (monitor current for detectors : 24V DC 40μA)		
E.O.L. Resistor	10KΩ		
Cabinet Material	Flame retardant ABS enclosure		
Main Audio	Mono tone sounder (above 85dB for 1m distance)		
Alarm Relay Contact	No-Voltage NO contacts, capacity 250V AC / 3A		
Number of Loops	1L / 2L / 4L / 5L / 8L / 10L	12L / 16L / 20L	20L / 24L / 36L
Dimensions(H×W×D)	260×330×96 mm	400×300×126 mm	370×480×126 mm



▲ YF-4 / 5L-A



▲ YF-4 / 20L-A

Features

- **Capacitive Touch Switch Interface:**
The traditional switches have the problem of bad contact such as contact aging, etc. On the contrary, the capacitive touch button extends the life of the switch effectively.
- **Two-stage Alarm Delay Function:**
At the first stage, when the detector sends the signal for the first time, the control panel will automatically reset the signal and enter the second stage for standby after 8 seconds.
At the second stage, if there is another signal sent by the detectors within 9-40 seconds, the control panel will triggered the fire alarm, else reset the alarm signal. This will prevent the control panel from sending false alarms.
- **Lightning Surge Protection:** All external lines have a lightning arrester to protect the system.
- **Environment Friendly:** By using saving electricity design.
- **Anti-power Surge Function:**
When it has the abnormally high voltage or power surge, the device can protect the system to avoid damage.
- **Zone Indicator:**
Each circuit has 4 status displays, as follows: standby (off), breakout (flash at intervals of 1 second), delay (flash at intervals of 0.25 seconds), and alarm (constant light).
- **Housed in a flame retardant ABS enclosure.**

Description

The TYY Fire Alarm Control Panel, model YF-4 adopts the advanced technologies to produce compact, sophisticated and highly reliable product. This panel can be used in various industrial and commercial facilities, including office buildings, factories, shops, etc. When using TYY range of accessories and products, a complete fire alarm system can be established.

Specifications

Item	Specification			
Model	YF-4			
Power Source	220V AC 50/60 Hz ± 10%			
Zone Voltage	24V DC			
Standby Battery	12V DC / 1.2 AH		12V DC / 2.3 AH	
Rated Impedance	Under 50Ω, Ground Resistance above 2MΩ			
Detector Connections	No limitation for Conventional Rate of Rise or Fixed Temperature Heat Detectors; Up to 30 Photoelectric Smoke Detectors (standby current at 45μA) can be connected per zone			
Local Bells	5 pcs	10 pcs	15 pcs	20 pcs
Local Indicating Lamps	25V DC / 0.1A (5pcs)	25V DC / 0.2A (10pcs)	25V DC / 0.3A (15pcs)	25V DC / 0.4A (20pcs)
Main Audio	Mono tone sounder (above 85dB for 1m distance)			
Alarm Relay Contact	2 sets of No-Voltage NO contact, capacity 250V AC / 1A ; 30V DC / 2A			
Alarm Delay Time -Rated 60 seconds	Heat Detector: 10 seconds; Photoelectric Smoke Detector: 60 seconds			
Annunciator	24V DC / 60 mA	24V DC / 120 mA	24V DC / 180 mA	24V DC / 240 mA
Number of Loops	5L	10L	15L	20L
Dimensions (H×W×D)	260×330×96mm	260×330×96mm	400×300×126mm	400×300×126mm



▲ YF-1 / 5L-A / Rocker Switch



▲ YF-1 / 5L-A / Push-button

Features

- Two-stage fire alarm delay function.
- Standby battery protection.
- Protection against lightning surge.
- Abnormal voltage monitoring.
- Human-centered design.
- **Housed in a flame retardant ABS enclosure.**

Dimensions

Cabinet	Wall Mount	
	Number of Loops	15~20L
H(mm)	400	370
W(mm)	300	480
D(mm)	126	90

Specifications

Item	Specification
Model	YF-1
Power Source	110V AC 50/60 Hz or 220V AC 50/60 Hz
Standby Battery	24V DC
Charging Voltage	Below 26.4V DC 450mA, trickle charging
Circuit Voltage	24V DC operation voltage, under 5V 32mA
Rated Impedance	Under 50Ω, Ground Resistance above 2MΩ
Detector Connection	No limitation for Conventional Rate of Rise Heat or Fixed Temperature Heat Detectors; Up to 30 Photoelectric Smoke Detectors (24V DC 40μA) per zone
E.O.L. Resistor	10KΩ
No. of Indicators	1.2 times of the number of zone (LED indicating lamp)
No. of Bells	1.2 times of the number of zone
Cabinet Material	Flame retardant ABS enclosure
Main Audio	Mono tone sounder (above 85dB for 1m distance)
Alarm Relay Contact	2 sets No-Voltage NO contact, capacity 250V AC / 7A



Features

- **Integrated circuit indicators:** each circuit is equipped with monitoring functions for fire, circuit break and short circuit respectively.
- **Digital error detection for voltage source:** whenever a voltage error is detected by the system, an error alarm will sound and an indicator will light on.
- **Two-stage alarm delay function to prevent false alarms:** At the first stage, when the detector sends the signal for the first time, the control panel will automatically reset the signal and enter the second stage for standby after 8 seconds. At the second stage, if there is another signal sent by the detectors within 9-40 seconds, the control panel will triggered the fire alarm, else reset the alarm signal. This will prevent the control panel from sending false alarms.

- "Self-Reset" mode and "Non Self-Reset" mode are available for operators to set if they want the panel to automatically reset the fire alarm signals after the fire extinction or not.
- Digital electronic switches are used for dust proofing and long lasting life.
- **Many zone circuit configurations are available:** 1L, 2L, 4L, 5L, 8L (please contact us for other configurations).
- **Housed in a flame retardant ABS enclosure.**

Specifications

Item	Specification		
Model	YF-3		
Category	Conventional Fire Alarm Control Panel		
Type	Wall-Mount		
Power Source	240V AC 50/60 Hz ±10%		
Standby Battery	24V DC		
Charging Voltage	Below 26.4V DC 450mA, trickle charging		
Circuit Voltage	24V DC operation voltage, under 5V 32mA		
Rated Impedance	Below 50Ω		
Detector Connection	No limitation for Rate of Rise or Fixed Temperature Heat Detectors;Up to 30 Photoelectric Smoke Detectors can be connected per zone (monitor current for detectors : 24V DC 40μA)		
E.O.L. Resistor	10KΩ		
No. of Indicators	The same as the number of zones (LED indicator)		
No. of Bells	The same as the number of zones		
Cabinet Material	Flame retardant ABS enclosure		
Alarm Relay Contact	No-voltage NO contact, capacity 250V AC / 7A		
Number of Loops	1L / 2L / 4L / 5L / 8L	12L / 16L / 20L	24L / 36L
Dimensions(H×W×D)	260×330×96 mm	400×300×126 mm	370×480×90 mm



▲ YF-3 / 2L

▲ YF-3 / 4L

▲ YF-3 / 8L



▲ YF-3 / 16L

▲ YF-3 / 24L

Features

- **Integrated circuit indicators:**
each circuit is equipped with monitoring functions for fire, circuit break and short circuit, respectively.
- The fire alarm circuit and the indicator circuit are able to detect circuit break and offer protection against short circuit.
- The system can monitor battery over-charging and the voltage of the stand-by battery to ensure that the panel functions well in all circumstances to prevent from disaster.
- Each circuit is equipped with a testing button to ensure the normal function of initiating circuits.
- Operations are controlled by a key to prevent false alarms caused by accidental touch.
- **Digital error detection for voltage source:**
whenever a voltage error is detected by the system, an error alarm will sound and an indicator will light on.
- **Two-stage alarm delay function to prevent false alarms:**
At the first stage, when the detector sends the signal for the first time, the control panel will automatically reset the signal and enter the second stage for standby after 8 seconds. At the second stage, if there is another signal sent by the detectors within 9-40 seconds, the control panel will triggered the fire alarm, else reset the alarm signal. This will prevent the control panel from sending false alarms.
- "Self-Reset" mode and "Non Self-Reset" mode are available for operators to set if they want the panel to automatically reset the fire alarm signals after the fire extinction or not.
- Separate control switches for Buzzer, Bell isolate, Aux isolate, Non-latching, Self-reset and Reset.
- There is a LEDs indicator above each switch.
- Digital electronic switches are used for dust proofing and to ensure lasting life.
- Equipped with many function indicators: alarm, power supply, and circuit connection fault.
- Built-in buzzer with dust proofing and long service life.
- Warning sounder is always made automatically with loud sound.
- **Many zone circuit configurations are available:**
1L, 2L, 4L, 5L, 8L, 12L, 16L, 20L, 24L.

Specifications

Item	Specification		
Model	YF-3		
Category	Conventional Fire Alarm Control Panel		
Type	Wall-Mount		
Power Source	240V AC 50/60 Hz ±10%		
Standby Battery	24V DC		
Charging Voltage	Below 26.4V DC 450mA, trickle charging		
Circuit Voltage	24V DC operation voltage, under 5V 32mA		
Rated Impedance	Below 50Ω		
Detector Connection	No limitation for Conventional Rate of Rise or Fixed Temperature Heat Detectors;Up to 30 Photoelectric Smoke Detectors can be connected per zone (monitor current for detectors : 24V DC 40μA)		
E.O.L. Resistor	10KΩ		
No. of Indicators	The same as the number of zones (LED indicator)		
No. of Bells	The same as the number of zones		
Cabinet Material	Powder coating steel		
Alarm Relay Contact	No-voltage NO contact, capacity 250V AC / 7A		
Number of Loops	1L / 2L / 4L / 5L / 8L	12L / 16L	20L / 24L
Dimensions(H×W×D)	330×280×120 mm	400×300×120 mm	495×300×120 mm



Features

- Two-stage alarm delay function:**
 When the detector activates for the first time, the system will automatically reset the detector. If another signal is received in a short period of time after that, the system will then confirm that there is a fire and activate the fire alarm.
- Standby battery protection:**
 During power-cut, when the standby battery is under DC 18V, it will automatically stop discharging to extend battery life.
- Protection against lightning surge:**
 The Main Fire Alarm Module is equipped with protection against lightning surge to avoid high voltage or power surge causing damages to the control panel.
- Quality control:**
 All interior components of the Display Module and base boards in the unit are approved by CE and CNS. All products have to pass strict inspection before delivery to ensure durability.
- Abnormal voltage inspection:**
 Show high and low voltage conditions.
- User-friendly design:**
 All Display and Terminal Modules adopt modular design with separated output terminal blocks. The input terminal block is equipped with protect function; if mistakenly wirings lead to breakdowns, users do not have to remove outer wires while replacing break down boards. It helps to promote efficient maintenance.
- Attractive appearance:**
 The zone panel adopt heat resistant plastic material, streamline shape, with easy recognized labels for different zones such as buildings, floors and zone attributes, etc.
- Other Functions:**
 This Control Panel can be integrated with the TYY Voice Evacuation System and the Emergency Telephone System in one cabinet for more appealing look and less space consuming.

Dimension

Cabinet	Wall Mount												
Number of Loops	5~10L	15L	20L	25~30L	35~40L	45~50L	55~60L	65~70L	75~80L	85~90L	95~100L	105~110L	115~120L
H(mm)	400	495	580	520	580	700	760	840	930	1020	1110	1195	1350
W(mm)	300	300	300	480	480	480	480	480	480	580	580	580	580
D(mm)	120	120	120	180	180	180	180	200	200	200	200	200	200

Cabinet	Floor-Standing			2-in-1		3-in-1	4-in-1	Interlink Control Panel		
Number of Loops	125~130L	135~150L	155~170L	135~260L	265~300L	305~340L	345~450L	455~600L	1L	1L
H(mm)	1600	1800	2000	1600	1800	2000	1800	1800	180	250
W(mm)	580	580	580	1160	1160	1160	1740	2320	180	210
D(mm)	260/360	260/360	260/360	260/360	260/360	260/360	260/360	260/360	75	90

Specifications

Item	Specification
Model	YF-1
Power Source	110V AC 50/60 Hz or 220V AC 50/60 Hz
Standby Battery	24V DC
Charging Voltage	Below 26.4V DC 450mA, trickle charging
Circuit Voltage	24V DC operation voltage, under 5V 32mA
Rated Impedance	Under 50Ω, Ground Resistance above 2MΩ
Detector Connection	No limitation for Conventional Rate of Rise Heat / Fixed Temperature Heat Detectors ; Up to 30 Photoelectric Smoke Detectors (24V DC 40μA) per zone
E.O.L. Resistor	10KΩ
No. of Indicators	1.2 times of the number of zone (LED indicating lamp)
No. of Bells	1.2 times of the number of zone
Cabinet Material	Powder coating steel
Main Audio	Mono tone sounder (above 85dB for 1m distance)
Alarm Relay Contact	2 sets of No-Voltage NO contact, capacity AC 250V / 7A



▲ YFPR-3 / 10L-A



▲ YFPR-3 / 20L-A

Features

- English LCD screen (LCD 128 × 64 can display max. 64 English characters).
- Capacitive touch switch.
- Jog switch.
- Fire alarm control panel with interlink function.
- Auto-test function.
- Connection function.
- Historical alarm data function.
- Two-stage alarm delay function.
- LED display for zone statuses.
- Sound guidance function.
- Protection against lightning surge.
- Abnormal voltage inspection.
- Modular design.
- SLC failure monitor screen.
- Addressable devices' external connection function.
- Relay output function.
- Can connect up to 15 Intelligent Fire Alarm Annunciators.
- **Housed in a flame retardant ABS enclosure.**

Specifications

Item	Specification
Model	YFPR-3
Power Source	110V AC 50/60 Hz or 220V AC 50/60 Hz
Standby Battery	24V DC
Charging Voltage	Below 26V DC 450mA, trickle charging
Circuit Voltage	24V DC operation voltage, under 5V 32mA
Rated Impedance	Under 50Ω, Ground Resistance above 2MΩ
Detector Connection	No limitation for Conventional Rate of Rise Heat / Fixed Temperature Heat Detectors; Up to 30 Photoelectric Smoke Detectors (24V DC 40μA) can be connected per zone
E.O.L. Resistor	TYT terminals for SLC circuits; other terminals use 10KΩ
No. of Indicators	1.2 times of the number of zone (LED indicating lamp)
No. of Bells	1.2 times of the number of zone
Cabinet Material	Flame retardant ABS enclosure
Main Audio	Mono tone sounder (above 85dB for 1m distance)
Alarm Relay Contact	2 sets of No-Voltage NO contact, capacity AC 250V / 7A
Number of Loops	5~20L
Dimensions(H×W×D)	370×480×90 mm

Features

- English LCD screen (240×128 or 240 characters).
- Two-wire Circuits for super long transmission distance (up to 2km between the control panel and modules).
- The data memory device can store up to 2000 historical records permanently (The device in graphic systems can be expandable up to 20 million records).
- Composed sound alarm function (broadcast in human voice to announce with Operators).
- SLCs, IDCs are equipped with insulation false inspection function.
- Protection against lightning surge.
- A table to review all I/O modules' statuses is available for easier operation.
- Addresses and interlinks can be checked in a table in the LCD screen.
- Two-stage alarm delay function.
- Can connect up to 16 Addressable Fire Alarm Annunciators.
- Equipped with 3 sets of RS-485 communication ports to connect with central PC's monitoring and control system.
- **Housed in a flame retardant ABS enclosure.**

Specifications

Item	Specification
Model	YFR-1
Power Source	110V AC 50/60 Hz or 220V AC 50/60 Hz
Addresses / Loop	128 Addresses / 1 Loop 256 Addresses / 1 Loop
Standby Battery	24V DC maintenance free sealed lead acid battery
Communication Loop Maximum Length	Two-wire (able for branch wiring) 1.5 km
Annunciator Connection	Use RS-485 for 800 m, Network Signal Transceiver for 3 km and Optical Fiber for up to 40 km distance.
Loops Voltage	Load Power / Indicating Lamp / Zone Telephone: 24V DC SLC power source: 32V AC
Power Consumption	Standby Main Alarm Board: 500 mA (max.) Standby SLC communication module: 280 mA (max.) / module
Transmission Method	Selective and sequential (I/O modules)
Output Relay Method	Each module has 40 contacts, expandable up to 160 contacts Up to 13 modules can be installed for 2,040 contacts
Main Audio	Sound Mixer, Human Voice and Alarm Sound (above 90 dB)
Ambient Temperature	0~40°C
Cabinet Material	Flame retardant ABS enclosure



Dimensions

Cabinet	Wall Mount	
Addresses/ Loop	128/1L	256/1L
H (mm)	370	
W (mm)	480	
D (mm)	90	

▼ YFPR-3 / 20L



▼ YFPR-3 / 70L



▼ YFPR-3 (Graphic)



Features

- **English LCD Screen:**
The Operation Board has the 128 x 64 (or 64 English characters) LCD Screen designed with text-guided interface to display on-site statuses correctly. It's easy and simple to read and operate.
- **Capacitive Touch Switches:**
Every touch with super bright LED and obvious switch design for easy recognizing to prevent conventional switch contact aging, poor contact problems.
- **Jog Switch:**
The fire alarm control panel uses one dial jog to process all function settings, for ease of operation without complicated steps.
- **Fire Alarm Control Panel with Interlink Function:**
Under I/O module mode, directly setting interlink method from the fire alarm control panel.
- **Auto-test Function:**
Select Disconnection or Alarm test to test for each zone.
- **Connectable with TYY LED Board, LCD, Computer Annunciators:**
Connection to synchronize annunciator, LCD annunciator or monitor graphic annunciator, display with floor plan for alarm zone.
- **Historical Alarm Activation Data:**
Alarm history can record up to 500 items, available for relative staffs' inspect and survey.
- **Two-stage Alarm Delay Function:**
At the first stage, when the detector sends the signal for the first time, the control panel will automatically reset the signal and enter the second stage for standby after 8 seconds.
At the second stage, if there is another signal sent by the detectors within 9-40 seconds, the control panel will triggered the fire alarm, else reset the alarm signal. This will prevent the control panel from sending false alarms.
- **LED Display for Zone Circuit Statuses:**
Each zone board module is of 5 zone states display. Each zone has LEDs with 3 status display (Normal: off, Disconnection: flashing, Activate: on)
- **Sound Guidance Function:**
System with operating guidance voice for abnormal state, to give management staffs a clear understanding of the abnormal state.
- **Real-time Printing Function (optional):**
The system can print instantly alert messages like loops' activation, disconnection etc.
- **Protection Against Lightning Surge:**
Power supply module with protection against lightening surge to avoid device damage caused by high voltage or power surge.
- **Abnormal Voltage Inspection:**
With abnormal voltage display function, the system can show high and low voltage.
- **Modular Design:**
The system has modular design with inputs / outputs independent terminal module. If there is a problem on site, users do not have to remove external wires and can easily replace defective boards improving the efficiency of maintenance and inspection.
- **SLC Fault Monitor Screen:**
Users can use communication monitor screen to determine faults in zone LEDs modules as well as I/O control transmission module.
- **Addressable Devices' External Connection Function:**
Addressable modules or addressable detectors are connected with communication module using two-wire transmission.
- **Relay Output Function:**
Serial report output is available to connect to TYY voice evacuation system, eliminating report cable wiring work.
- **Attractive Appearance:**
Zone display screen adopts a heat resistant plastic material; exterior flow line is simple and elegant, with easy recognized labels in zone panel for buildings, floors, areas etc.
- **Can connect up to 15 Intelligent Fire Alarm Annunciators.**

Intelligent Fire Alarm Control Panel (Graphic)

- Computer generated high resolution (400DPI) floor layout map protected with acrylic board.
- With floor layout map, in case of alarm activation or disconnection notification, status will be immediately display on the map of the specific zone.
- Each zone has different color engraved on it having individual zone LEDs, making it easier to recognize status at a glance.
- Replacement panel available for different site requirement.
- The graphic panel is based on floor layout with zones LEDs being addressed on it depending on number of zones. Proportionately variation in sizes of graphic panel will be made to create the best ratio for viewing (Cabinet may vary in order to fit the size).

Dimensions ※If more Communication Modules are used, the control panel may need even larger enclosures.

Cabinet	Wall-mount									Floor-standing	
	Number of Loops	5~20L	25~30L	35~40L	45~50L	55~60L	65~70L	75~80L	85~90L	95~100L	105~130L
H (mm)	450	520	580	700	760	840	930	1020	1110	1600	1800
W (mm)	480	480	480	480	480	480	480	580	580	580	580
D (mm)	180	180	180	180	180	200	200	200	200	260	260

Specifications

Item	Specification
Model	YFPR-3
Power Source	110V AC 50/60 Hz or 220V AC 50/60 Hz
Standby Battery	24V DC
Charging Voltage	Below 26V DC 450mA, trickle charging
Circuit Voltage	24V DC Short-circuit Voltage under 5V 32mA
Rated Impedance	Under 50Ω, Ground Resistance above 2MΩ
Detector Connection	No limitation Conventional Rate of Rise Heat / Fixed Temperature Heat Detectors; Up to 30 Photoelectric Smoke Detectors (24V DC 40μA) can be connected per zone
E.O.L. Resistor	TYY terminals for SLC circuits; other terminals use 10KΩ
No. of Indicators	1.2 times of the number of zone (LED indicating lamp)
No. of Bells	1.2 times of the number of zone
Cabinet Material	Powder coating steel
Main Audio	Mono tone sounder (above 85dB for 1m distance)
Alarm Relay Contact	2 sets of No-Voltage NO contact, capacity 250V AC / 7A



▲ YFR-1 Addressable Fire Alarm Control Panel with 17" Screen



▲ YFR-1 Addressable Fire Alarm Control Panel

Features

- English LCD screen (240×128 or 240 characters).
- LCD backlight energy-saving protection function.
- Two-wire Circuits for super long transmission distance (up to 2km between the control panel and modules).
- The data memory device can store up to 2000 historical records permanently (The device in graphic systems can be expandable up to 20 million records).
- Composed sound alarm function (broadcast in voice message to operators).
- Voice guidance function (while operating).
- Abnormal temperature protection function (I/O modules over loading).
- SLCs, IDCs are equipped with insulation for false inspection function.
- Protection against lightning surge.
- I/O modules miswiring protection to accessories are available.
- I/O modules are equipped with isolated segment function.
- A table to review all I/O modules' statuses is available for easier operation.
- Addresses and interlinks can be display on the LCD screen.
- Weekly automatic check function.
- Repeat alarm function.
- Two stage alarm delay function.
- Standby battery with power saving function.
- The Control Panel is expandable with more equipments.
 - Expandable with 17" color touch screen, multiple functions for customers to select: Remote control or monitor system software.
 - ※(Touch screen) Disaster Prevention Center Control Panel.
 - ※Fire Graphic Control System or Riser Diagram Touch Screen Fire Alarm Display Panel.
 - ※It is equipped with different Authorization Levels, Individual Password Management, Fire Map Diagram Inquiry, Main Map & Sub Map Diagram, Diagram Printing, Real-time Fire Diagram Popup, Historical Data Inquiry, Operation Data Enquiry, Situation Simulation, Desktop Picture Setting, many Diagram Formats supported, and Database etc.
- Communication Speed: when a new alarm announcement activates, the test time is less than 500ms.
- Up to 2,048 addresses for addressable devices.
- Serial relay interface: up to 2,000 contacts are available.
- Available to connect with 8 addressable fire alarm control panels to form a large fire monitoring network.
- Can connect up to 16 Addressable Fire Alarm Annunciators.
- Equipped with 3 sets of RS-485 communication ports to connect with a central PC's monitoring and control system.
- Installable real-time printer (optional).
- Disaster Prevention Center Control Panel is available to integrate (optional).

Dimensions

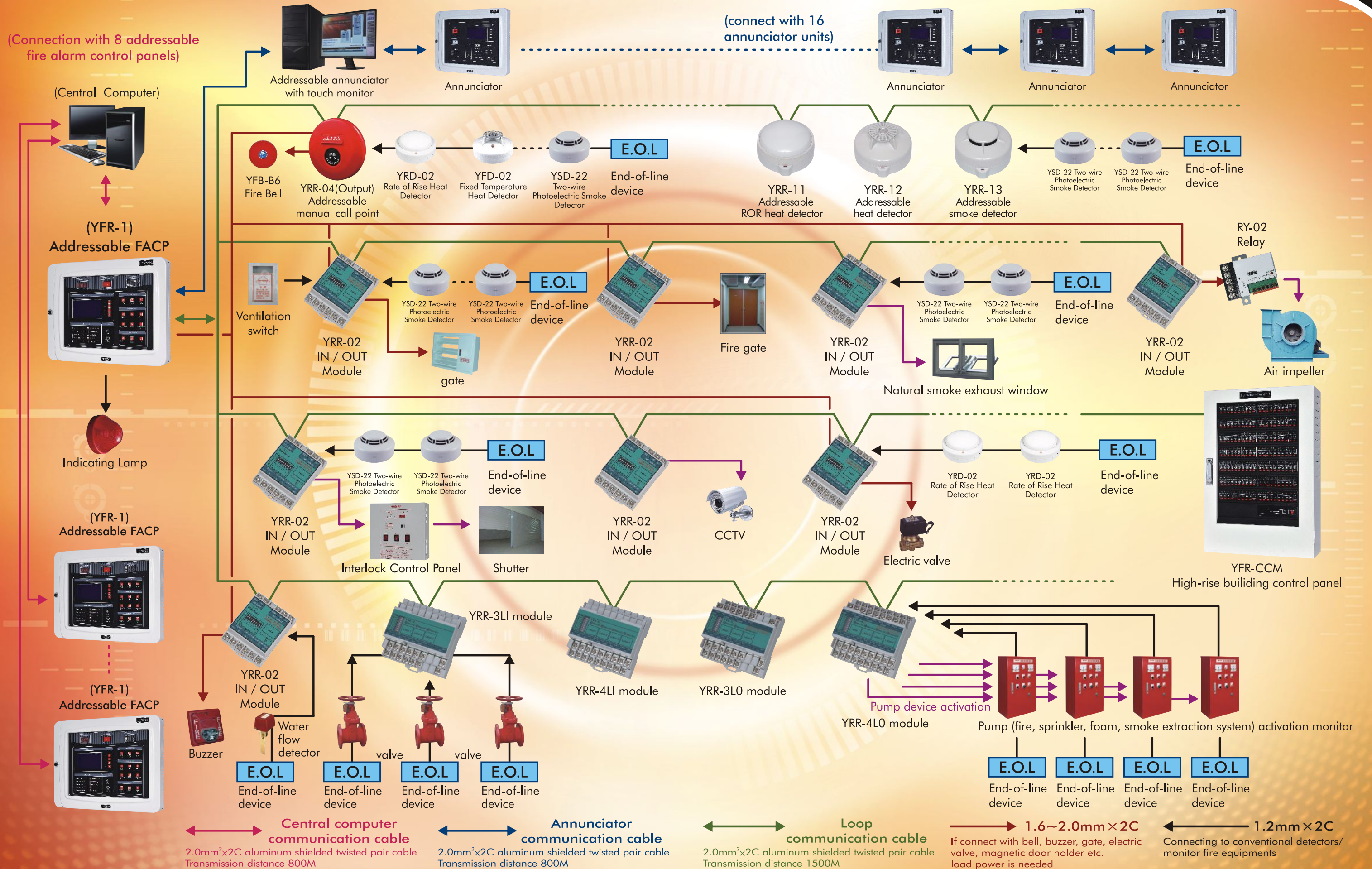
Cabinet	Wall-mount								
Addresses / Loops	128/1L	256/1L	512/2L	768/3L	1024/4L	1280/5L	1536/6L	1792/7L	2048/8L
H(mm)	370	450	500	580	840		1020		
W(mm)	480	480	480	480	480		480		
D(mm)	130	160	180	180	180		180		
Dimensions of Addressable FACP with 17" Touch Screen									
Cabinet	Wall-mount			Floor-standing			Floor-standing		
H(mm)	870			1500			1800		
W(mm)	560			560			560		
D(mm)	200			260			260		

Specifications

Item	Specification
Model	YFR-1
Power Source	110V AC 50/60 Hz or 220V AC 50/60 Hz
Addresses / Loops	128/1L 256/1L 512/2L 768/3L 1024/4L 1280/5L 1536/6L 1792/7L 2048/8L
Standby Battery	24V DC
Communication Loop Maximum Length	Two-wire (able for branch wiring) 1.5 Km
Annunciator Connection	Use RS-485 for 800 m, Network Signal Transceiver for 3 km and Optical Fiber for up to 40 km
Loop Voltage	Load Power / Indicating Lamp / Zone Telephone: 24V DC SLC power source: 32V AC
Power Consumption	Standby Main Alarm Board: 500 mA (max.) Standby SLC communication module: 280 mA (max.) / module
Transmission Method	Selective and sequential (I/O modules)
Output Relay Method	Each module has 40 contacts, expandable up to 160 contacts Up to 13 modules can be installed for 2,000 contacts
Main Audio	Sound Synthesis, Human Voice and Alarm Sound (above 90 dB)
Ambient Temperature	0~40°C
Cabinet Material	Powder coating steel

Yun Yang
Fire Safety Equipment







Touch Panel

▲ YFR-2 Addressable Fire Alarm Control Panel



Housed in a flame retardant ABS enclosure

Dimensions

Cabinet	Wall Mount	
Addresses/Loop	128/1L	256/1L
H (mm)	370	
W (mm)	480	
D (mm)	90	

Features

- 7" touch screen with backlight protection function.
- Digital voltmeter displays current voltage status.
- Capacitive touch LED backlight switch.
- Separate indicators and buzzer sound for fire alarm, gas and carbon monoxide.
- Interactive guide function: during fire, staffs are easy to operate.
- Touch screen operation instruction.
- Built-in composed sound alarm function with sound guidance function.
- LCD with 3 individual areas for fire alarm, gas, output devices etc. information.
- Support SD memory card, storage historical data up to 100,000 entries.
- Historical alarm, operation, communication list, output list, address table, interlink searching function.
- After setting data system, directly connect to computer or USB to download without burner device; it's easy for setting process.
- Network linked control function (optional, need to use with PC graphic system) : available monitor function.
 - a. Fire emergency equipment control panel.
 - b. CCTV video monitors.
 - c. Escape guidance system.
 - d. Gas, carbon monoxide control panel.
- Touch screen is available for setting arguments of control panel directly.
- Main digital cable includes grounding fault and power surge protection.
- The central panel can control air impellers and gates: delay to turn on and turn off.
- Fire alarm, exhaust smoke, sprinkler, foam various relays with individual switch.
- The central panel with permanent and temporary setting functions.
- With auto, manual, weekly and remote test function.
- Available connections with RS-485 broadcast relays for up to 4080 points.
- With high speed micro matrix printer available to print all events (optional).
- Communication modules are expandable to maximum of 16 units and 4,080 addressable points.
- Two wire super long transmission distance, a maximum of 3 KM between control panel, module and signal converter.
- Control panel expandable functions:
 - a. One control panel connection with up to 4,080 addressable points.
 - b. Serial Alarm broadcast relay interface: a maximum of 4,080 points.
 - c. Can connect up to 16 Addressable Fire Alarm Annunciators.
 - d. Graphic PC : Available connections with 8 addressable fire alarm control panels.
- Communication module with overload and SLC short circuit protection functions.
- SLC and IDC cables with inspection function for insulation breakdown.
- I/O modules with wire misconnection protection and address isolation functions.
- Detectors with fire alarm delay function (alarm delay time can be set individually).
- With one to one, multiple to one logic programming editor function.

Specifications

Item	Specification
Model	YFR-2
Power Source	110V AC 50/60 Hz or 220V AC 50/60 Hz
Addresses / Loops	256/1L 512/2L 768/3L 1024/4L 1280/5L 1536/6L 1792/7L 2048/8L 2304/9L 2560/10L 2816/11L 3072/12L 3328/13L 3584/14L 3840/15L 4096/16L
Standby Battery	24V DC
Transmission Distance	Two-wire (able for branch wiring) 1.5KM, maximum up to 3KM with signal converter.
Loop Voltage	Load Power / Indicating Lamp / Zone Telephone: 24V DC SLC power source : 32V AC
Power Consumption	Main monitor control panel : 800mA(max) SLC communication module (each system) : 280mA
Transmission Method	Selective and sequential (I/O modules)
Broadcast Output Method	Each module has 40 contacts, expandable to 160 contacts Up to 26 sets , 4,080 points for max
Main Audio	Composed voice, human voice or announcement alarm (over 90dB)
Operating Temperature	0~40°C
Cabinet Material	Powder coating steel



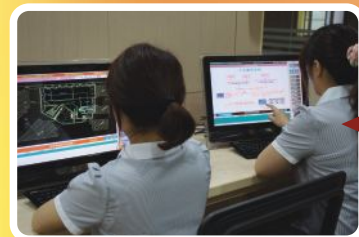
YunYang remote maintenance center, quickly respond the field failure message.



YunYang remote monitoring center (Control through network connection).



YunYang remote Version and Program edit settings.



Interactive fire treatment processes operation guide.



Touch interface with guide function, simple operation, easy to understand, easy to learn and easy to use.



Network video surveillance system, providing immediate on site fire scene.



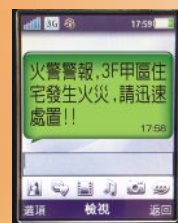
TFR-2 Addressable Fire Alarm Control Panel (The alarm automatically start the network connection).



Disaster Prevention Centre (Control room).



Remote PC monitoring.



Send GSM SMS instantly.



Instant 3G/4G internet Smartphone, App image/text message.

Two-in-one / Three-in-one Integration Series



▲ Two-in-one Integration System Wall mounted Conventional Fire Alarm Control Panel and Voice Evacuation System



▲ Two-in-one Integration System Wall-mounted Graphic Fire Alarm Control Panel and Voice Evacuation System



▲ Three-in-one Integration System Addressable Fire Alarm Control Panel, and Integrated Voice Evacuation System and Telephone Device

Features

- **Full Functionality**
Zone number and amplifier wattage of the fire alarm control panel and voice evacuation integration system can be customized based on actual requirements. The integration system can be based on customer demands to make combination of any kinds of our products.
- **Economic Design**
During installment of various equipments into the evacuation system, we will pre-wire the fire alarm control panel with the voice evacuation system. There is no need of additional relay wiring at site, so it can save time labor and wiring cost.
- **Space Saving**
Two-in-one integration system occupy less space. It is easy to install in tight spaces.
- **Attractive Appearance**
The overall appearance is in the same color, with large zone name label. Buildings, floors, loops, broadcast zones are easily recognized at glance.
- **Environment Friendly**
Fire alarm control panel and voice evacuation integrated system adopts the same cabinet in response to energy saving and environmental awareness.

YFPR-S3 Fire Alarm LCD Annunciator

Features

- This Annunciator is equipped with:
 - a.Fire indicator, power indicator, voltmeter, main audio keys.
 - b.LCD backlight protection function.
 - c.Warning sounds.
- Available communication functions with Fire Alarm Control Panel.
- Synchronized reset function is able to reset the Fire Alarm Control Panel.
- Including main audio, independent alarm audio buzzer and independent mute switch.
- Using RS-485 communication port to establish a fire alarm system.
- LCD monitor with clearly content in English.

This Annunciator with large LCD synchronically displaying the central computer alarm data, operation staffs can immediately receive warning alarm from the remote Annunciator.
- Data displayed including zone, building, floor and time (year/ month/ hour/ minute) et cetera.
- Housed in a flame retardant ABS enclosure.
- Dimension : 480(W)×370(H)×90(D) mm



YFR-S1 Addressable Annunciator

Features

- LCD monitor with clear English Display:

Annunciator is equipped with large LCD display which can synchronized information from the main control panel. User can receive instant warning alarm from remote annunciator, and can reset and mute sounder from annunciator.
- Communication error instruction:

When there is a communication error between the main fire alarm control panel and the annunciator, the annunciator will make announcement in human voice stating communication error LED flashing.
- Use RS485 (2.0mm²×2C aluminum shielded twisted pair cable) to connect with main addressable fire alarm control panels.
- Annunciator functions:
 - a. Indicators for fire, power supply, communicator error, abnormal, disconnection, voltmeter; switches for main audio, stop interlink, and reset.
 - b. LCD backlight protection function.
 - c. Composed sound alarm function.
 - d. I/O module status table.
- Housed in a fire retardant ABS enclosure.
- Dimension : 480(W)×370(H)×90(D) mm

YFPR-L3 LED board display Annunciator

Features

- Signal is simultaneously displayed in the zone LEDs with main fire alarm control panel (FACP).
- Zones LEDs indicators with three state light to show different statuses.
- Equipped with hand held telephones to communicate with main FACP.
- With synchronized reset function.
- Equipped with audio alarm, independent buzzer, and independent mute switches.
- Under or equal to 30L, the control panel is housed in a flame retardant ABS enclosure. (Please refer the Dimensions for Control Panels which are lower than 30 zones at the right table).
- Over 30L, the control panel is housed in a powder coating steel enclosure.



YF-L1 Fire Alarm Annunciator Panel

Features

- Synchronically display information as in fire alarm control panel.
- Equipped LED indicators with 3 states light to display statuses of zones.
- Can use telephone to communicate with fire alarm control panel.
- Able to synchronize main control panel.
- Equipped with audio, independent buzzer; and independent mute switch.
- Under or equal to 30L, the control panel is housed in a flame retardant ABS enclosure.
- Over 30L, the control panel is housed in a powder coating steel enclosure.

Dimensions

Cabinet	Wall Mount		
Number of Loops	5~10L	15L	20~30L
H(mm)	260	400	370
W(mm)	330	300	480
D(mm)	96	126	90

* Appropriate to use with YFPR-L3 Intelligent Fire Alarm Annunciator



YFPR-3 Fire Alarm Touch Screen LCD Computer Annunciator

Features

- Provide a best management interface for fire alarm.
- The wall-mounted model using the industrial computer and a solid hard disk for stable performance and high temperature resistance.
- 17 " LCD screen above. (Touch Screen is an option.)
- Zone fire alarm, fault, operating record and historical data query et cetera.
- Authorization control and diversified printing capability.
- Using RS-485 communication port connections.
- Automatically popup floor diagram with alarm status.
- Graphic systems support AUTO CAD and support various types of images and charts.
- Support various kinds of panorama, floor plan, tree queries, equipment addresses and equipment type.



YF-4B Fire Alarm Annunciator Panel

Features

- Synchronically display information with the fire alarm control panel.
- Equipped with LEDs indicators to display 3 statuses of zones.
- Equipped with switches for audio, independent buzzer; and independent sounder mute.
- Many zone circuit configurations are available : 5L, 10L, 15L, 20L.
- The control panel is housed in a flame retardant ABS enclosure.
- Dimesion : 260(H)×330(W)×96(D)mm

**YRR-01/ YRR-02
YRR-0601/ YRR-0602**

Communication isolation functions, when short circuit occurring in the module, it will be automatically isolated from the main communication line.

Features

- ◆ With status LEDs indicating "Monitoring," "Activate," and "Error".
- ◆ Binary coded address dip switch.
- ◆ Two-wire multi-transmission.
- ◆ Stable communication with rejection to noise and disturbances.
- ◆ Self-test functions for circuit disconnection and activation.
- ◆ Expandable to connect with photoelectric smoke, rate of rise heat and fixed temperature heat detectors.
- ◆ Light indication pattern:
(fire: red light constantly on; disconnection: red light flashing; monitoring: red light flashing once per 2.5s).
- ◆ Can be fixed on aluminum railings for easy installment.

Specifications

- ◆ Communication Circuit Resistance : Below 10KΩ / circuit.
- ◆ Operating Environment : 0°C~50°C relative humidity below 85%.
- ◆ Action Current : 16mA.
- ◆ Load Voltage Input : 24V DC.
- ◆ Rated Voltage / Current : 33V AC / 10mA.
- ◆ Output Contact Capacity : 30V DC / 2A (MAX).
- ◆ Material : Flame retardant plastic.
- ◆ Dimension : 80(L) × 60(W) × 30(H) mm
- ◆ Note : Dedicated TYY Addressable EOL resistor.



▲ YRR-01

Function: Loop input



▲ YRR-02

Functions: Loop input and voltage control output



▲ YRR-0601

Function: Loop input/communication isolation



▲ YRR-0602

Functions: Loop input and voltage control output communication isolation

**YRR-3LO / YRR-3LI
YRR-4LO / YRR-4LI**

Features

- ◆ With status LEDs indicating "Monitoring," "Activate," and "Error".
- ◆ Address coding by binary coded dip switch.
- ◆ Two-wire multi-transmission.
- ◆ Stable communication with resistance to noise and disturbances..
- ◆ Self-test functions for circuit disconnection and activation.
- ◆ Expandable to connect with photoelectric smoke, rate of rise heat and fixed temperature heat detectors.
- ◆ Light indication pattern:
(fire: red light constantly on; disconnection: red light flashing; monitoring: red light flashing once per 2.5s).
- ◆ Can be fixed on aluminum railings for easy installment.

Specifications

- ◆ Communication Circuit Resistance : Below 10KΩ / circuit.
- ◆ Operating Environment : 0°C~50°C relative humidity below 85%.
- ◆ Monitored Current : 27mA / 24V DC.
- ◆ Operating Voltage : 21~33V AC.
- ◆ Material : Flame retardant plastic.
- ◆ Dimension : 87(L) × 93.5(W) × 43(H) mm
- ◆ Note : Dedicated TYY Addressable EOL resistor.



▲ YRR-3LO

Features : dry or wet control contacts, activation confirmation function
Wet control contacts supply 24V DC, directly connected to load equipments.

Functions : 3 loop inputs and 3 loop control outputs
Input Voltage : 24V DC



▲ YRR-3LI

Functions : 3 loop inputs
Input Voltage : 24V DC



▲ YRR-4LO

Features : dry or wet control contacts, activation confirmation function
Wet control contacts supply 24V DC, directly connected to load equipments.

Functions : 4 loop inputs and 4 loop control outputs
Input Voltage : 24V DC



▲ YRR-4LI

Functions : 4 loop inputs
Input Voltage : 24V DC



Standard type

Output type

YRR-03 Surface Mounting Addressable Detector Base (Include Voltage-free Output Contacts)

- With status LEDs indicating "Monitoring," "Activate," "Error" and "Isolating."
- Address coding by binary coded dip switch for easier setting.
- Two-wires multi-transmission.
- Stable communication with resistance to noise and disturbances.
- Self-test functions for circuit disconnection and activation.
- Voltage-free control output. (Only with voltage-free output contacts have this function.)
- Expandable to connect with photoelectric smoke, rate of rise heat and fixed temperature heat detectors, and no need for external power supply.
- Light indication pattern: Fire alarm: constantly ON; Break down: red light flashing; Standby: red light flashes once per 2.5seconds.

Function	Circuit Input and Voltage-free output control contacts
EOL Resistor	Under 10Ω / circuit
Ambient Temperature	0°C~50°C Relative Humidity below 85%
Monitored Current	420 μA / 24V DC
Operating Voltage	16~30V DC
Material	Flame retardant plastic
Dimension	∅108×22.6(H) mm
Note	Addressable dedicated EOL resistor

YRR-03 Recessed Mounting Addressable Detector Base

- With status LEDs indicating "Monitoring," "Activate," "Error" and "Isolating."
- Address coding by binary coded dip switch for easier setting.
- Two-wires multi-transmission.
- Stable communication with resistance to noise and disturbances.
- Self-test functions for circuit disconnection and activation.
- Expandable to connect with photoelectric smoke, rate of rise heat and fixed temperature heat detectors, and no need for external power supply.
- Recessed mounting base enclosed with fixed iron tongs, easy to install and elegance design.
- Light indication pattern: Fire alarm: constantly ON; Break down: red light flashing; Standby: red light flashes once per 2.5seconds.

Function	Circuit Input
EOL Resistor	Under 10Ω / circuit
Ambient Temperature	0°C~50°C Relative Humidity below 85%
Monitored Current	420 μA / 24V DC
Operating Voltage	16~30V DC
Material	Flame retardant plastic
Dimension	∅139.5×29(H) mm
Installation Hole Size	110(Dia.) mm
Note	Addressable dedicated EOL resistor

YRR-03 Addressable Detector Base with Voltage-free Output Contacts

- With status LEDs indicating "Monitoring," "Activate," "Error" and "Isolating."
- Address coding by binary coded dip switch for easier setting.
- Two-wires multi-transmission.
- Stable communication with resistance to noise and disturbances.
- Self-test functions for circuit disconnection and activation.
- Voltage-free control output.
- Expandable to connect with photoelectric smoke, rate of rise heat and fixed temperature heat detectors, and no need for external power supply.
- Able to connect with various brands of conventional detectors.
- Light indication pattern: Fire alarm: constantly ON; Break down: red light flashing; Standby: red light flashes once per 2.5seconds.

Function	Circuit Input and Voltage-free output control contacts
EOL Resistor	Under 10Ω / circuit
Ambient Temperature	0°C~50°C Relative Humidity below 85%
Monitored Current	420 μA / 24V DC
Operating Voltage	16~30V DC
Material	Flame retardant plastic
Dimension	∅115×19.6(H) mm
Note	Addressable dedicated EOL resistor



YRR-04 Addressable Manual Call Point (Control Output)

- With status LEDs indicating "Monitoring," "Activate," and "Error."
- Address coding by binary coded dip switch for easier setting.
- Two-wire multi-transmission.
- Stable communication with resistance to noise and disturbances.
- Self-test functions for circuit disconnection and activation.
- Expandable to connect with photoelectric smoke, rate of rise heat and fixed temperature heat detectors, and no need for external power supply.
- In-built no voltage control output, activation confirmation function.

Function	Loop input and no voltage control output	Operating Voltage	16~30V DC
		Material	Flame retardant plastic
SLC Resistance	Under 10Ω / circuit	Dimension	∅140×58 mm
Operating Environment	0°C~50°C relative humidity below 90%	Note	Addressable EOL resistor
Monitored Current	32V / 0.9mA		

YRR-21 Isolation Module

- Isolation module for addressable Signaling Line Circuit loops.
- Recommend to use one isolation Module for every or less than 23 addressable equipments.
- Equipped with Isolation short circuit indicating lamp.
- Not occupy address.
- Deploy at main line for branching purpose: Isolation module deploys between main line and branch line, when short circuit happens, the isolation module will auto-isolate the error part with the main line so as to avoid the whole zone from break-down.

Function	Communication short circuit isolation	Operating Voltage	16~36V DC
		Reaction time	Below 0.3sec
Power Consumption	32V DC 400 μA	Dimension	67(H)×100(W)×26(D) mm
Ambient Temperature	0°C~50°C Relative Humidity below 90%	Material	Fire retardant plastic

RY-01 Voltage Control Output Module

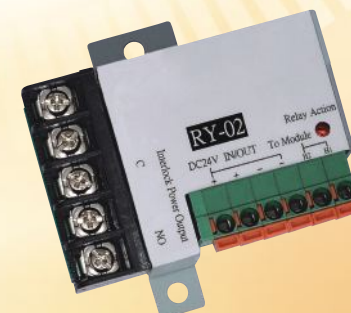
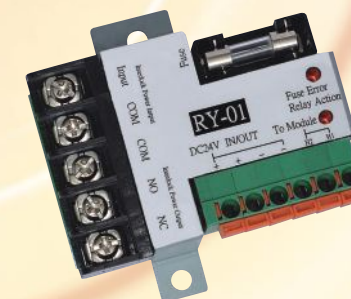
- Used to trigger signal to control high power peripheral isolating the difference in current with our modules.
- With voltage control output.
- Equipped with overload fuse to automatically provide protection from abnormal power supply.
- Two LEDs to indicate action and overload situations.
- Use large terminal block to ensure the wiring safety.

Operating Voltage	24V DC
Power Consumption	24V DC 20mA
Output contact capacity	Under 277V AC / 16A
Dimension	64(H)×60(W)×25(D) mm

RY-02 Voltage-free Control Output Module

- Used to trigger signal to control high power peripheral isolating the difference in current with our modules.
- With voltage-free control output.
- With action LED indicator.
- Use large terminal block to ensure the wiring safety.

Operating Voltage	24V DC
Power Consumption	24V DC 20mA
Output contact capacity	Under 277V AC / 16A
Dimension	64(H)×60(W)×25(D) mm





Surface Mounting
Dimension: $\varnothing 108 \times 43$ (H) mm



Recessed Mounting
Dimension: $\varnothing 139.5 \times 50.5$ (H) mm
Installation Hole Size: 110(Dia.) mm



Surface Mounting
Dimension: $\varnothing 108 \times 46$ (H) mm



Recessed Mounting
Dimension: $\varnothing 139.5 \times 52$ (H) mm
Installation Hole Size: 110(Dia.) mm



Surface Mounting
Dimension: $\varnothing 108 \times 47$ (H) mm



Recessed Mounting
Dimension: $\varnothing 139.5 \times 53$ (H) mm
Installation Hole Size: 110(Dia.) mm

YRR-11 Surface/Recessed Mounting Addressable Rate of Rise Heat Detector

- ◆ Address coding by binary coded dip switch.
- ◆ Two-wires multi-transmission.
- ◆ Expandable to connect with conventional detectors.
- ◆ It reacts sensitively with rapid rise in temperature.
- ◆ Employ mechanical operating principle for long-term durability.
- ◆ Auto reset to original status after use.
- ◆ High-quality parts are used to ensure functional reliability.
- ◆ The detector is made of flame retardant and high temperature-resistant plastic with elegance design.

Communication Circuit Resistance	Below 10K Ω / circuit	Operating Voltage	16~30V DC
		Material	Flame retardant plastic
Operating Environment	0°C~50°C relative humidity below 95%	Note	On-board addressable EOL resistor
Monitored Current	420 μ A / 24V DC		

YRR-12 Surface/Recessed Mounting Addressable Fixed Temperature Heat Detector

- ◆ Address coding by binary coded dip switch.
- ◆ Two-wires multi-transmission.
- ◆ Expandable to connect with conventional detectors.
- ◆ Adopt UL-certified temperature sensor with better quality and durable maintenance.
- ◆ Auto reset to original status after use.
- ◆ Sealed sensor is to avoid moisture and dust from entering which may affect the performance.
- ◆ The electric contacts made of pure silver can respond sensitively.
- ◆ The detector is made of flame retardant and high temperature-resistant plastic with elegance design.

Communication Circuit Resistance	Below 10K Ω / circuit	Operating Voltage	16~30V DC
		Material	Flame retardant plastic
Operating Environment	-10°C to 20°C lower than the nominal action temperature	Note	On-board addressable EOL resistor
Monitored Current	420 μ A / 24V DC		

YRR-13 Surface/Recessed Mounting Addressable Photoelectric Smoke Detector

- ◆ Address coding by binary coded dip switch.
- ◆ Two-wires multi-transmission.
- ◆ Expandable to connect with conventional detectors.
- ◆ With photoelectric sensor, it can react rapidly and accurately with high stability. Also, there is no false alarm due to chemicals, exhaust gas, wind and exterior light.
- ◆ Stainless steel insect-proof nets (holes' diameter of 0.5 mm) ensure smooth inflow of smoke but preventing from insects or dust.
- ◆ The detector doesn't contain any radioactive substances, causing no harm to humans or animals.
- ◆ The detector is reusable and maintenance easy. Remove the cover to clean the interior.
- ◆ With compact styling and pretty outlines, the detector can enhance ceilings decoration design and visual effect.
- ◆ The detector is made of flame retardant and high temperature-resistant plastic with elegance design.

Communication Circuit Resistance	Below 10K Ω / circuit	Operating Voltage	16~30V DC
		Material	Flame retardant plastic
Operating Environment	0°C~50°C relative humidity below 95%	Note	On-board addressable EOL resistor
Monitored Current	450 μ A / 24V DC		



YRD-02 Rate of Rise Heat Detector

- ◆ Mechanical operating principles ensure long-term durability and least malfunction.
- ◆ Self-restoring function ensures elements repeatedly use.
- ◆ The exhaust valve of R.O.R Heat Detector part uses optical fiber glass capillary tubing that's heat-resistant and moisture-proof. Therefore, the fault alarm never occurs.

Voltage Range	12~30 V DC	Weight	155g
Ambient Humidity	0~95%	Color	Creamy White
Alarm Temp.	Comply to EN54, CNS	Type	2-wire
Alarm Current @24 VDC 750 Ω	30 mA (Max.)	Polarization	Non-polarized
Ambient Temperature	-10°C~+55°C	Material	Flame retardant plastic

YFD-02 Fixed Temperature Heat Detector

- ◆ Stabilized performance, long-term durability and least malfunction are ensured by employing UL approved sensor.
- ◆ The sensitive part is enclosed to prevent from being moistened and contaminated.
- ◆ Self-restoring function ensures the elements repeatedly use.

Voltage Range	12~30 V DC	Weight	98g
Ambient Humidity	0~95%	Color	Creamy White
Alarm Temp.	Comply to EN54, CNS	Type	2-wire
Alarm Current @24 VDC 750 Ω	30 mA (Max.)	Polarization	Non-polarized
Ambient Temperature	-10°C~+55°C	Material	Flame retardant plastic

**YSD-22 Two-wire Photoelectric Smoke Detector
YSD-23 Three-wire Photoelectric Smoke Detector
YSD-24 Four-wire Photoelectric Smoke Detector**

- ◆ Dual LEDs for 360-degree visibility.
- ◆ With the photoelectric light sensing principle, this kind of detector is activated more quickly, accurately and reliably, and there are no false alarm due to chemicals, exhaust gas, wind and exterior light.
- ◆ Detector has passed EMC test, which greatly eliminates false alarms caused by interference from nearby sources.
- ◆ Dual-LEDs display monitor and alarm; easy to identify the current status of the detector.
- ◆ Three-wire smoke detector is suitable for using with remote indicating lamps and four-wire smoke detector is appropriate to use with any devices which require output relays, like security system etc.

Model No.	YSD-22	YSD-23	YSD-24	Sensitivity Setting	Comply to EN54, CNS
Type	2-wire	3-wire	4-wire	Ambient Temp.	0°C~50°C
Voltage Range	12~30 V DC			Ambient Humidity	0~95%
Alarm Current	30 mA (Max.)			Color	White
Standby Contact	24V DC / 20~30 μ A			Material	Flame retardant plastic
Polarization	Non-polarized	Polarized		Dimensions	102(L) \times 47(H) mm
Weight	128g	129g	138g		



YRD-01 Rate of Rise Heat Detector

- ◆ Rate-of-rise heat detector detects intense fires by quickly responding to rapid temperature increases.
- ◆ Mechanical operating principles ensure the long-term durability and the least malfunction.
- ◆ Self-restoring function for repeated use.
- ◆ High quality components are fitted for greater reliability.
- ◆ Red indicating lamp illuminates when detector is activated.
- ◆ High-temperature-enduring plastic and fire-proof material are used to build up the main body of the detector.
- ◆ The base is as same as our other type of detector for easy installation and storage.
- ◆ Non-polarized connections to avoid wiring mistakes.



Voltage Rating	24V DC	Weight Approx.	158g
Operating Voltage	18V~30V DC	Color	Creamy-white
Current Normal Condition	0μA	Operating Mode	Always Open Type
Alarm Activated Current	Max. 100mA	Contact Point	Pure Silver
Ambient temperature	-10°C ~50°C	Body (Plastic)	PC-ABS

YSD-02 Photoelectric Smoke Detector

- ◆ With photoelectric light sensing principle, this kind of detector is activated more quickly, accurately and reliably, and there is no false alarm due to chemicals, leaked gas or external light.
- ◆ Ensure repeated and durable use, easy maintenance. Easily clean interior by removing external case.
- ◆ Dual-colored LEDs display separately to easily and quickly identify the status of the detector.
- ◆ Using 0.5mm diameter anti-insect net avoid insect and dust getting into, as well as make the inflow of smoke smoothly.
- ◆ Connection wires are non-polarized to avoid error wiring.



Rated Voltage	24V DC	Monitoring Light	Green color LED (Blinks per 15 seconds)
Working Voltage	12V~30V DC	Working Temperature	-10°C ~50°C
Monitoring Current	24V DC/30~80μA	Working Humidity	0~95%
Alarm Current	25mA	Weight	Approx. 133g
Stand-by (as turn on) time	15 seconds	Color	Creamy-white
Alarm Light	Red		
Exterior Case	Fire-Proof Plastic		

YFD-01 Fixed Temperature Heat Detector

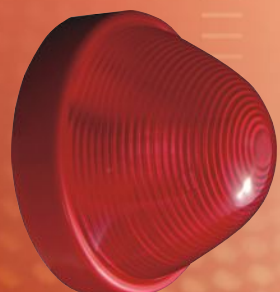
- ◆ Adopt bimetal mechanism and UL approval sensor to ensure stable performance, long-term durability and less malfunction.
- ◆ The base is as same as other type of our detectors for easy installation.
- ◆ Connections are non-polarized to avoid wiring mistakes.
- ◆ Red indication lamp illuminates when detector is activated.
- ◆ High-temperature enduring plastic are used to build up the main body.
- ◆ Sealed sensor to prevent from moisture and dust entering and maintain the performance.
- ◆ Auto-reset to original status for repeated using.
- ◆ Pure silver contacts ensure quick response.
- ◆ Sensitivity: When exposed within air-stream 1m/sec., 125% higher than its operating temperature, and at 20°C of ambient temperature, the detector will sound and alarm within 90 seconds.



Contact rating	24 VDC 100 mA max.	Weight	103g
Fixed Temperature	60°C, 70°C, 80°C	Color	Ivory white

YIL-01 Indicating Lamp

- ◆ The lamp flashes indicating fire-state. Lamp is on during normal condition.
- ◆ The lamp cover and base are made of PC flame redundant plastics with stylish outward appearance, endurable with high temperature as well as able to bear forceful bump.



Rated Voltage	24V DC	Rated Current	LED about 20 mA
Material	PC fire-proof plastics	Lamp	Red
Weight	Approx 55g		
Dimensions	Base of indicating lamp 92(Dia.) x 58(H)mm		

YSH-01 Combination Smoke and Heat Detection

- ◆ With smoke and fixed temperature of enlarge detecting range suitable for wide application.
- ◆ Sealed and small volume temperature sensor to avoid dust and moisture entering.
- ◆ Adopting advanced constant voltage electronic circuit ensure stable sensitivity. (Operating voltage 12 to 32V DC)
- ◆ Circuit board use SMT design for high quality and stable performance.
- ◆ Built-in anti-interfered design and anti-moisture process circuit board.
- ◆ This unit is repeated use and easy maintenance just by removing the cover to clean inside.
- ◆ Connections are non-polarized to avoid wiring mistakes.



Voltage Rating	24V DC	Ambient temperature	-10°C~+50°C
Operating Voltage	12~32V DC	Ambient Humidity	0~95%
Supervising Current	60μA (max)	Body case	PC-ABS eithstands impact and heat to a high degree.
Alarm Activated Current	100μA (max)		
Test fixed temperature	68.75°C (set tmeq.55°C)		
Test smoke concentration	15% per meter (smoke concentration 10%)	Weight	150g
		Color	Creamy-white

YMH-01 Multipurpose Heat Detector

- ◆ The sensitive of fixed temperature heat detector part is stabilized performance, long-term durability and least malfunction are ensured by employing a bimetal mechanism. (certificated by UL)
- ◆ The exhaust valve of rate of rise heat detector part uses optical fiber glass capillary tubing that is heat-resistant and moisture-proof. Therefore, the fault alarm never occurs.
- ◆ Self-restoring ensures repeated use. The sensitive part is enclosed to prevent from being moistened and contaminated.
- ◆ Mechanical operating principle ensure the long-term durability and the least malfunction.
- ◆ High-temperature-enduring plastics and fireproof material are used to build up the main body of the detector that is also nicely shaped.
- ◆ The base is in common with other detectors made in this company for the facilitation of installation.
- ◆ Connections are non-polarized to avoid writing mistakes.



Working temperature	Room temperature +30°C	Alarm Activated time	Rate of rise heat detector within 30 sec
Fixed temperature	70°C (variable)		Fixed temperature heat detector within 120 sec
Voltage Rating	24V DC	Body case	PC-ABS fireproof plastic
Operating Voltage	18V to 30V DC		
Alarm Activated Current	24V DC 100mA	Weight	Approx. 126g
Ambient temperature	-10°C~+50°C	Color	Creamy-white
Ambient Humidity	0~ 5 %		

YFM-01 Fire Manual Station

- ◆ Auto-Return push button, no need to disassemble the main body.
- ◆ Response light available to identify the operation completed.
- ◆ Reinforced transparent protective cover is reusable.
- ◆ All parts are fire redundant, light, convenient and stylish.
- ◆ Easy connection through terminators.



Rated Voltage	24V DC	Weight	Approx 158g
Dimensions	140mm(Dia.)	Color	Red
Alarm Current	75mA	Material	PC-ABS

YFB-B6 Fire Bell

- ◆ The fire alarm bell is controlled by fire receiver terminal or the repeater and sounds a warning as fire occurred.
- ◆ The bell is motor-driven taken at low consumption current, to reduce the load for power output from receiver terminal.
- ◆ The design with exceptional sturdy and durable structure. The bell can even ring to last 40 hours without decline of performance and structure.



Rated Voltage	24V DC	Material	3.0mm Alloy Alu
Rated Current	30 mA	Weight	About 414g
Volume	90dB	Color	Red
Power Source	Motor		



▲ YEP-2 Wall-mounted / All zone



▲ YEP-2 Wall-mounted / 10L



▲ YEP-2 Wall-mounted / 30L



▲ YEP-2 Case type



▲ YEP-2 Desktop



▲ YEP-2 Desktop 10L



▲ YEP-2 Desktop + AMP expand cabinet



▲ YEP-2 Desktop 10L + AMP expand cabinet

Features

● Speaker Overload Detection

The system can monitor the speaker loops. When there is a short circuit or overload, it can automatically isolate fault speakers, prevent short-circuit damage to amplifier. After troubleshooting the problem, press reset button to restore operation. There is no need for replacing fuse.

● Emergency Voice Operation Panel

The operation panel has many functions: battery testing, volt meter, output volume indicator, manual fire alarm voice button, auxiliary MIC plug, emergency MIC, monitor speakers, DVD / radio audio, audio volume, bass / treble control, prelude and postlude.

● Battery Protection Function

Under standby battery mode, whenever the battery voltage drops below 13V, it will stop discharging to prolong battery life.

● Multilingual Voice Content

Build-in Taiwanese, Mandarin and English fire voice broadcast. Additional other languages are available for local requirements.

● A Complete Set of Accessories and Optional Functionalities

Expandable with CD, DVD, MP3, radio, telephone broadcast interface, programmable timer, high level audio input interface, RS232 protocol interface, on/off work bell unit, remote microphone, voice alarm annunciator and other equipments. Emergency telephone system can also be use in conjunction with this system.

● Temperature-controlled Fan

AMPs above 200W are equipped with temperature-controlled fan function. It will start automatically when temperature exceeds 48°C to prolong the system life.

● Powerful amplifier with expansion module

Expandable up to 590 zones and 10000W output power.

● Front Wiring Slot

Connecting of wires can be done by opening the door of the evacuation system, making maintenance easier.

Desktop Type Dimesions

Zone number	Wattage	Height (mm)	Width (mm)	Depth (mm)
All-zone	100W~250W	100	360	265
All-zone	300W~600W	150	430	360
5L~10L	100W~250W	160	360	265
15L~20L	100W~250W	160	430	380
5L~20L	300W~600W	160	430	380
25L~40L	100W~600W	260	430	380
45L~60L	100W~600W	370	450	430
AMP expand cabinet	400W~600W	150	430	360
All-zone	650W~1200W (Include AMP expand cabinet)	300	430	360
5L~20L	650W~1200W (Include AMP expand cabinet)	310	430	380
25L~40L	650W~1200W (Include AMP expand cabinet)	410	430	380
45L~60L	650W~1200W (Include AMP expand cabinet)	520	450	430

Wall-mounted Type Dimesions

Zone number	Wattage	Height (mm)	Width (mm)	Depth (mm)
Mini all-zone	100W~150W	330	280	120
All-zone	100W~150W	400	300	120
All-zone	200W~250W	400	300	160
All-zone	300W~600W	450	480	180
5L~10L	100W~150W	400	300	120
5L~10L	200W~250W	400	300	160
5L~15L	100W~600W	450	480	180
20L~30L	100W~600W	600	480	180
35L~40L	100W~600W	700	480	180
45L~50L	100W~600W	850	480	180
55L~70L	100W~600W	1020	480	180
75L~90L	100W~600W	1195	480	180
95L~130L	100W~600W	1350	580	180



YEP-R3 Integrated Voice Evacuation System

Features

- Using LCD panel to display system statuses and operation guidance. Moreover, with “Voice Operation Guide” function, guidance during emergency can be done through voice guide function or failure detection voice guide.
- Equipped with Emergency alarm tone / floor message (Chinese and English, additional different languages are available for local requirements).
- Built-in three-stage fire alarm tone module (first signal sound, second signal sound, warning announcement, fire announcement, false alarm announcement and end voice messages).
- Automatic Fire Alarm Relay Mode: Zone-selective and all-zone alarm output relay modes can be set to change.
- Transmitters / fire switch: transmitter and fire alarm can be set by timer or a manual switch.
- Output controls: individual, groups, 10 zones or all-zone (expandable based on actual needs).
- Priority Level Setting: priority level 1 > level 2 > level 3 > level 4 > level 5 > level 6. Priority setting within same level: no priority, before charge priority, after charge priority, individual priority.
- Activation Log Record Setting: record saving, confirmation, reading, erasing, time setting, and communication output.
- Activation log messages include contents from selective zone broadcast, all-zone broadcast, group broadcast, communication error, speaker fault, telephone broadcast, timer activation, emergency broadcast and emergency microphone.
- Built-in record software which can display fire action record. Fire alarm history can be saved up to 2000 entries ; configuration and modifying system parameters can be done by operation panel.
- Indicators : - CPU Abnormal Indicator.
 - Automatic Fire Alarm Indicator (red lamp flashes).
 - Automatic Alarm Relay Mode Indicator (red lamp lights on).
 - Speaker Loop Fault (yellow lamp flashes).
- The host adopts a jog switch for function selection and settings.
- Built-in four-scale pre-announcement / post-announcement chime playing function and microphone auxiliary input jack.
- Equipped with large fire indicator, LED arranged type volume output indicator, emergency alarm announcement buzz switch for manual operating, emergency reset switch, fire alarm button and false alarm button.
- All-zone broadcast key and broadcast reset button (for all-zone broadcast).
- RS-485 communication port is used to connect to TTY Addressable Fire Alarm Control Panel with no need for relay interface, so it can save wiring and labor costs.
- Can be connected up to 8 set external digital LCD remote microphones.
- Up to 8 audio alarm annunciators can be connected.
- Printer can be equipped to print action record message (optional).
- Can be used with integrated touch screen voice evacuation system for a variety of different functions (optional).

Fire Safety Equipment

Yang



Touch Screen

YEP-R4 Touch Screen Integrated Voice Evacuation System

Features

- ◆ Using 7" color touch screen to display system statuses and operation guidance. Moreover, with "Voice Operation Guide" function, voice message is broadcast during emergency and notification by voice when any failure is detected in the system.
- ◆ Equipped with Emergency alarm tone / floor message (Chinese and English, additional different languages are available for local requirements).
- ◆ Built-in three-stage fire alarm tone module (first signal sound, second signal sound, warning announcement, fire announcement, false alarm announcement and end voice messages).
- ◆ Automatic Fire Alarm Relay Mode: Zone-selective and all-zone alarm output relay modes can be set.
- ◆ Announcement / Fire alarm activation switch: can be set by timer or directly through the touch screen.
- ◆ Output controls: individual, groups, 10 zones or all-zone (expandable based on actual requirements).
- ◆ Priority Level Setting: priority level 1 > level 2 > level 3 > level 4 > level 5 > level 6. Priority setting within same level: no priority, before charge priority, after charge priority, individual priority.
- ◆ Activation Log Record Setting: record saving, confirmation, reading, erasing, time setting, and communication output.
- ◆ Activation log messages include contents from selective zone broadcast, all-zone broadcast, group broadcast, communication error, speaker fault, telephone broadcast, timer activation, emergency broadcast and emergency microphone.
- ◆ Built-in record software can display fire activation history and operation messages (fire alarm history can be save up to 2000 entries), configuring and modifying system parameters by operation panel.
- ◆ Data Transfer: (via TCP/IP port to this system)
- ◆ CF Card: Reading: transfer data from memory card to this system
Writing: transfer data from this system to memory card
- ◆ External Connections: one RJ-45 (use TCP/IP to connect touch computer),
one CF memory card slot (to read and write memory cards)
- ◆ RS-485 communication port is used to connect with TYY Addressable Fire Alarm Control Panel without the need for relay interface, saving wiring and labor costs.
- ◆ Can connect to color touch matrix remote microphone and connected multi- voice evacuation systems.
- ◆ Can connect up to 8 set of digital LCD remote microphones.
- ◆ Can connect up to 8 audio alarm annunciators.
- ◆ Printer can be equipped to print fire activation history messages (optional).
- ◆ Can be used with integrated touch screen voice evacuation system for a variety of different functions (optional) .

Yun Yang
Fire Safety Equipment



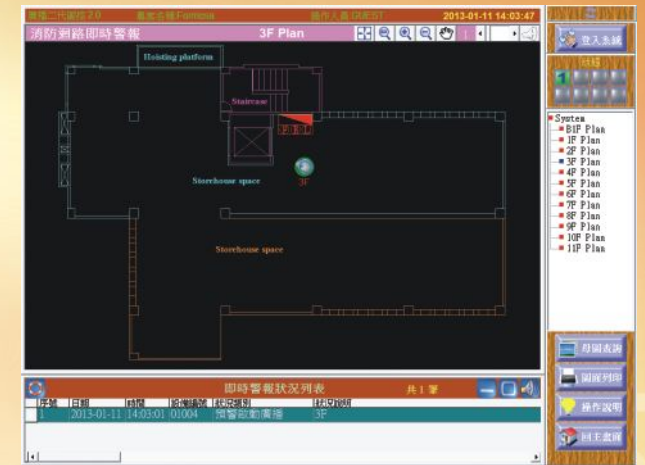
YEP-R1 Integrated Voice Evacuation System

Features

- ◆ Equipped with LCD Monitor to show system status.
- ◆ Built-in system group : General, remote microphones, fire alarm interlock and host setting functions.
- ◆ Fire alarm interlink / all zone broadcast mode selection.
- ◆ Output Control : 10 groups, 10 zones (can be customized).
- ◆ Priority Setting : various priorities with two or more levels of priority broadcasts.
- ◆ A large fire broadcast indicator.
- ◆ 3-phase emergency voice broadcasting machine.
- ◆ Equipped with a hand-held microphone and anti-feedback suppression function.
- ◆ Able to connect up to 8 LCD remote microphones.
- ◆ Log function can record up to 500 events (optional).
- ◆ Based on customer demand to increase multi-floor or multi-language functions (optional).

Emergency / General Purpose Graphic Voice Evacuation System Software

- ◆ Integrated Touch Screen Voice Evacuation System uses a touch screen display to make announcement to any location and also can use simple pre-recorded audio clip as broadcast audio source.
- ◆ Equipped with electronic map display function to display system statuses.
- ◆ Multi-language operation interface for customers to choose.
- ◆ Easy Operation Panel Settings: table-type zone display window and touch to operate.
- ◆ Switches, zones, automatic fire alarm relays, wiring terminal boards can be named for easy setting and inspection.
- ◆ Touchable functions include: all-zone broadcast button, group broadcast button, reset button, individual zone button, emergency button, fire announcement button and false alarm announcement button.
- ◆ System parameter setting, remote control interaction, event logs and event printing functions.
- ◆ Equipped with operation process simulation exercise function, the operator can quickly understand all operation functions so can effectively and quickly operate during emergency.
- ◆ Can linked to 8 voice evacuation systems with more than 2720 zones and up to 20000 event history.
- ◆ Contacts, priorities, relay system and voice input/output... setting functions can be selected from computer's screen.
- ◆ Can use PC to edit layout file, system setting, interlink setting, writing file to memory card. Then use graphic voice evacuation computer to read settings or change general setting process.
- ◆ Controls bar are on the right side of the software system, based on alarm messages from the host, floor plan will popup on the main screen and below it, messages of the triggered alarm are shown in real-time.
- ◆ Use in conjunction with YEP-R3/YEP-R4 series evacuation system.



Audio Alarm Annunciator

- ◆ Use in conjunction with Integrated Voice Evacuation Systems YEP-R3, YEP-R4 Series, it is able to synchronically display, operate, set, monitor the main host and has functions similar to the main host.



Features

- ◆ Power Requirement : 110V/220V AC 50Hz/60Hz or 24V DC.
- ◆ Inputs :
 - (1) priority input control contacts.
 - (2) 2 program inputs (parallel) 0dB, 100KΩ (recessed fine-tuning switch), balanced, phone jack.
 - (3) 2 priority inputs (parallel) 0dB, 100KΩ (recessed fine-tuning switch), balanced, phone jack.
 - (4) Remote activation contacts.
- ◆ Outputs :
 - (1) Feedback suppressor function prevents excessive amplifier output.
 - (2) Constant voltage control output can prevent excessive amplifier output that can burn out speakers.
- ◆ Distortion : below 1% (at rated output 1 KHz).
- ◆ Frequency Response: 40Hz ~16KHz (1/3 rated output power).
- ◆ Display :
 - (1) 5∅ LED x 3; green LED for Power, yellow LED for Fault and red LED is Priority.
 - (2) Sound level meter (VU meter).
- ◆ Protections :
 - (1) Power transformer with automatic power cut features at thermal cut off switch anomaly (automatic recovery when temperature is cooled).
 - (2) Large cooling fan 90mm×90mm; automatically activated when temperature reach 38°C automatically open.
 - (3) Amplifier fault detection circuit modules: using 20KHz of test signals to detect whether the circuit between the speaker and amplifier circuit operate normally. If the circuit is opened, it automatically cuts off power to the amplifier and activates internal relay contact output (optional feature).

Specifications

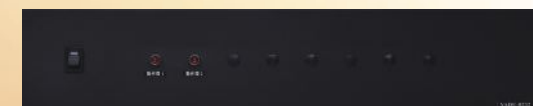
Items	Specification			
Model (LCD Monitor)	YEPA-0424	YEPA-0436	YEPA-0440	YEPA-0450
Model (no LCD Monitor)	YPA-0424	YPA-0436	YPA-0440	YPA-0450
Output	240W	360W	400W	500W
Output Impedance	42Ω (100V) 10Ω (50V)	27.8Ω (100V) 6.9Ω (50V)	25Ω (100V) 6.25Ω (50V)	20Ω (100V) 5Ω (50V)
AC Glass Tube Fuse	30mm 8A×1	30mm 10A×1	30mm 10A×1	30mm 12A×1
DC Ceramic Fuse	38mm 12A×1	38mm 16A×1	38mm 25A×1	38mm 32A×1
SP Glass Tube Fuse	30mm 3A×1	30mm 4A×1	30mm 4A×1	30mm 5A×1
Dimensions (W×D×H) mm	480×178×260	480×178×260	480×178×260	480×178×290

LCD Power Amplifiers have (122×32) LCD monitor, which can display priority input and AMP fault status.

YADU-0232

Amplifier Fault Indicating Panel

- ◆ Equipped with fault / replacement indicators.
- ◆ It can be planned to detect 8 amplifiers with one backup amplifier.
- ◆ It can replace automatically backup amplifier when detecting a fault amplifier to ensure that amplifier system is operating normally.
- ◆ Power Source : 110V/220V AC 60Hz or 24V DC.
- ◆ Input : connect with power amplifier's output (high impedance line 100V).
- ◆ Fault Detection Indicator : illuminates when there is errors.
- ◆ Fault Detection Output : relay contacts, capacity : 30V DC 1A.
- ◆ Dimensions : 480(W)×89(H)×195(D) mm



YADU-0324

Amplifier Fault Indicating Panel (with Monitor Function)

- ◆ 2 sets of failure / replacement indicators.
- ◆ 2 sets of backup amplifier monitoring function, 1 large size monitoring speaker 1 sound pressure level indicator 1 monitoring volume tuning button.
- ◆ 1 backup amplifier can be arranged to support failure of 8 amplifiers or to support failure of 4 amplifiers.
- ◆ It can replace automatically backup amplifier when detecting a fault amplifier to ensure that amplifier system is operating normally.
- ◆ Power Sources : 110V/220V AC 60Hz or 24V DC.
- ◆ Input : connect with power amplifier's output (high impedance line 100V).
- ◆ Fault Detection Indicator : lights when there are errors.
- ◆ Fault Detection Output : relay contacts, capacity : 30V DC 1A.
- ◆ Dimensions : 480(W)×133(H)×200(D) mm



YEP-0210B

10 Zones Expansion Control Panel

- Expandable up to 10 speaker control circuits.
- Fire floor interlink mode key can be set from the panel
- Built-in general-purpose zone selector function.
- Each speaker zone includes dual-color LED indicator, interlink mode and system malfunctions.
- 1 blank label on each speaker circuit panel for user to mark the name or code of speaker circuit.
- EEPROM method can be adopted together with the panel, once this unit power supply is cut off it will be saved in the memory for more than ten years.
- Dimensions : 442(W)×89(H)×35(D) mm



YEP-0220B

20 Zones Expansion Control Panel

- Expandable up to 20 speaker control circuits.
- Fire floor interlink mode key can be set from the panel.
- Built-in PA zone selector function.
- Each speaker zone includes dual-color LED indicator interlink mode and system malfunctions.
- 1 blank label on each speaker circuit panel to mark the name or code of speaker circuit.
- EEPROM method can be adopted together with the panel, once this unit power supply is cut off it will be able saved in the memory for more than ten years.
- Dimensions : 442(W)×89(H)×35(D) mm



YAD-0305

DC Power Supply

- Use in conjunction with YED-0440B Integrated Control Panel.
- Input Power : 110V/220V AC 50/60Hz.
- Output Voltage : 24V DC.
- DC power indicator.
- DC emergency power and charging indicator.
- Battery fault indicator.
- 2 sets 12V DC / 7A batteries.
- Dimensions : 480(W)×133(H)×260(D) mm



YDS-0402

Emergency Power Supply Unit

- Input Power : 110V/220V AC 50/60Hz.
- Output Power : 24V DC.
- DC power indicator.
- 2 emergency power and charging indicators.
- 2 battery fault indicators.
- 2 sets 12V DC / 7A batteries.
- It keeps the built-in battery automatically charged (trickle charging) and supplies DC power for all equipments at least 10 minutes or more.
- Dimensions: 480(W)×133(H)×260(D) mm



YJP-0310B

10 Zones Expansion Junction Panel

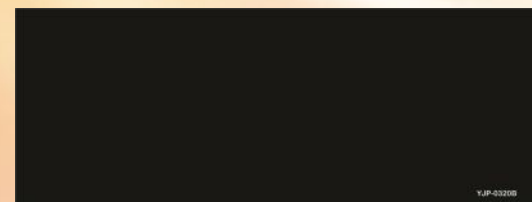
- Use in conjunction with 10 zones Expansion Control Panel YEP-0210B.
- Expandable up to 10 output zones.
- Equipped with 10 automatic fire alarm inputs.
- Speaker Circuit : 10 wiring terminals with R (Urgent) N (Normal), C (Common) contacts for each.
- Short-Circuit Protection : 10 short-circuit detection circuits which can be reset manually.
- Dimensions : 480(W)×178(H)×190(D) mm



YJP-0320B

20 Zones Expansion Junction Panel

- Use in conjunction with 20 zones Expansion Control Panel YEP-0220B.
- Expandable up to 20 output zones
- Equipped with 20 automatic fire alarm inputs.
- Speaker Circuit : 20 wiring terminals with R (Urgent) N (Normal), C (Common) contacts for each.
- Short-Circuit Protection: 20 short-circuit detection circuits which can be reset manually.
- Dimensions : 480(W)×178(H)×190(D) mm



YPS-0210

LCD Power Sequence Controller

- Power Supply : 110V/220V AC 50/60Hz 60A max.
- Output Power : 5 non-relay 110V/220V AC with grounded outlet max 1 kVA, 10 order-relay activation 110V/220V AC with grounded outlet max 5 kVA.
- 1 AC voltmeter, 1 AC current meter.
- 1 order-activation time adjusting button with number display, dot matrix English / graphic LCD module.
- Dimensions : 430(W)×133(H)×220(D) mm



YIM-0208

LCD Matrix Processor 8×8 (2U)

- English LCD user interface, it's easy to setup and operate.
- 8×8 matrix for one machine; expandable up to 4 machines switch 16×16 matrix.
- 16 programmable start points, 8 programmable output contacts.
- Matrix operation mode with a high brightness display screen.
- Power Supply: 110V/220V AC 50/60HZ or 24V DC.
- Dimensions: 435(W)×89(H)×200(D) mm



YCP-0108

Digital Voice Control Unit

- Can be used with the Digital Announcer YCN-0112 for playback pre-recorded contents.
- With speech content label and LED activation indicator.
- Direct operation through buttons, it's easy and convenient to use with no training needed.
- Protection function is to avoid improper operation that clears recorded contents.
- Dimensions : 480(W)×42(H)×162(D) mm



YML-0108

Melody Player

- Pre-recorded melody contents in music memory card can be played by this melody player.
- Power Requirements : 110V/220V AC 50/60Hz or 24V DC 0.3A.
- Output : 0dBV 600Ω unbalanced.
- Control Circuits : 8 circuits (dry contacts).
- On-broadcast control contact : 1 zone.
- Use with memory card (SD card).
- Dimensions: 480(W)×42(H)×162(D) mm



YCN-0112

Digital Announcer

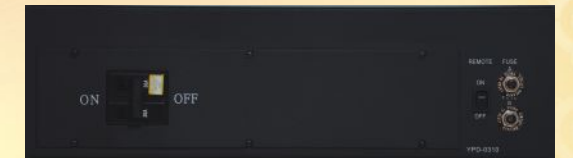
- Suitable for fire control or disaster emergency broadcast, time-set background music broadcast, public address announcement, etc.
- Digital processing, EEPROM memory, no tapes required.
- Frequency Response : 20Hz ~ 20KHz.
- Distortion : < 1%.
- Output : ±6dBV, 8Ω or 0dBV, 600Ω.
- Sampling Frequency : 8KHz / 11KHz / 16KHz / 22KHz / 24KHz / 32KHz / 44.1KHz.
- Use with memory cards (SD card).
- Dimensions : 480(W)×42(H)×162(D) mm



YPD-0310

Power Distribution Controller

- Power Source : 110V/220V AC 50/60Hz.
- Maximum Current : 60A.
- Including remote control function.
- Output Circuit : 8 relay 110V AC output contacts.
- 5 non-relay 110V AC output contacts.
- Dimensions : 480(W)×133(H)×220(D) mm



YMP-0312

12 Zones Monitor Panel

- Monitors up to 12 separate amplifier outputs.
- Output Display : 12 sections of VU scale -20 to +8 dB (adjustable).
- Power Requirements : 110V/220V AC/24V DC.
- A large analog VU watt meter with light which is legible, easy to adjust output level.
- For audio monitoring, a 4-inch 8W speaker is built-in with anti-feedback function.
- A volume control is equipped to control volume of the monitoring speaker.
- Dimensions : 445(W)×133(H)×65(D) mm



YDP-0401

Blower Panel

- Power Source : 24V DC.
- For regulating temperatures in the cabinet.
- Manual or automatic mode can be selected.
- Start when temperature inside the cabinet exceed 45°C and stop when below 38°C (these temperatures are adjustable).
- Dimensions : 445(W)×133(H)×35(D) mm



YEPP-0408

LCD Mixer Pre-Amplifier (2U)

- Equipped with LCD monitor.
- Power Requirement : 110V/220V AC 50/60Hz or DC24V.
- 3 group inputs (total of 8 inputs, Individual independent level control).
- 2 microphone inputs and 2 AUX inputs.
- 2 linear outputs and 1 recording output.
- Equipped with group priority function: input 1>2>3.
- Priority control contacts and remote activation contacts.
- Tone Control : ±10dB (100Hz and 10KHz).
- Frequency Response : 20~20,000Hz±1dB.
- S/N Ratio : above 60dB.
- Distortion : 1%.
- Dimensions: 435(W)×89(H)×200(D) mm



YTP-0299

LCD Program Timer (2U)

- English graphic control LCD with multi-menu graphical interface.
- Built-in play and record sound features using SD card which can be recorded by users.
- Westminster bell chime, 2 sound source outputs and output level adjustment from -10 to 4dBV.
- Different schedules for 7 days and similar daily schedules can be set; up to 128 daily routines can be set.
- Auto time sync: Connect punch clock or other timing devices for synchronizing correct time.
- Power Requirements : 110V/220V AC 50/60Hz or 24V DC.
- Dimensions : 435(W)×89(H)×200(D) mm



YJP-0301

Integrated Junction Panel (10 zones)

- ◆ Use in conjunction with YED-0440B Integrated Control Panel.
- ◆ It connects the inside and outside of an equipment rack and supplies the power to each equipment.
- ◆ Remove the front panel, fix this panel on the cabinet to proceed the wiring.
- ◆ Fire Alarm Relay: ten wiring contacts, warning and alarm confirmation signals contacts.
- ◆ 10 speaker output loops (2 or 3-wire type).
- ◆ Speaker Lines: R (emergency), N (normal), C (common), ten lines each.
- ◆ Line Short Protection: 10 fuses preinstalled, can be changed manually depending on load.
- ◆ Fire Alarm Input: EL (fire self reporting) 1~10, EF (confirmation), EC (common ground line).
- ◆ 17 preparation control terminal (setting items: general-purpose RM, voicebroadcast, BGM).
- ◆ Emergency remote control terminals, general-purpose remote control terminals, power connect terminals, external control input/output terminals.
- ◆ Dimensions: 480(W)×178(H)×190(D) mm



YPA-30 Teaching Amplifier

- ◆ Power Amplifier Output : 30W.
- ◆ Frequency Response : 20Hz ~ 20KHz.
- ◆ Power Supply : 110V/220V AC.
- ◆ With emergency / general-purpose switching function. Built-in priority selection function is able to use same speakers with emergency broadcast system.
- ◆ Teachers can use this system to teach normally in the classroom. When the school needs to make announcement, this device can be used in conjunction with the campus's pre-mixer as input or output device.
- ◆ Teaching amplifiers adopt pre-mixer and amplifier separation design to facilitate installation and maintenance.
- ◆ When plugging microphone or audio source, the amplifiers will automatically start up and shutdown when pulling out.
- ◆ Equipped with speaker overload disconnection function.
- ◆ Pre-mixer panels can be fixed in standard wall-mounted individually installed below the black board for easily use and maintenance.
- ◆ The operation panel is equipped with 1 microphone plug, 1 audio source plug and 2 individual volume knobs which can be set as 2 microphone inputs or audio inputs. Moreover, it is possible to put more several operation panels to use at the same time.

YTS-0108

Telephone Broadcast Interface

- ◆ Use in conjunction with Digital Addressable Broadcasting system to make announcement to multiple specific zones.
- ◆ With DTMF telephone interface, available to make broadcast through telephone or control panel.
- ◆ With 8 relays, using with Digital Addressable Broadcast Unit to control 8 different zones setting for telephone paging.
- ◆ Panel equipped with operation indicator, lights on for phone operating.
- ◆ Output Impedance : 600Ω, Input Impedance: 20KΩ.
- ◆ Maximum I/O : +10dBm.
- ◆ Frequency Response : 80~15KHz (+/-3d).
- ◆ Power requirements : 110V/220V AC 50/60Hz or 24V DC.
- ◆ Dimensions : 435(W)×44.5(H)×200(D) mm

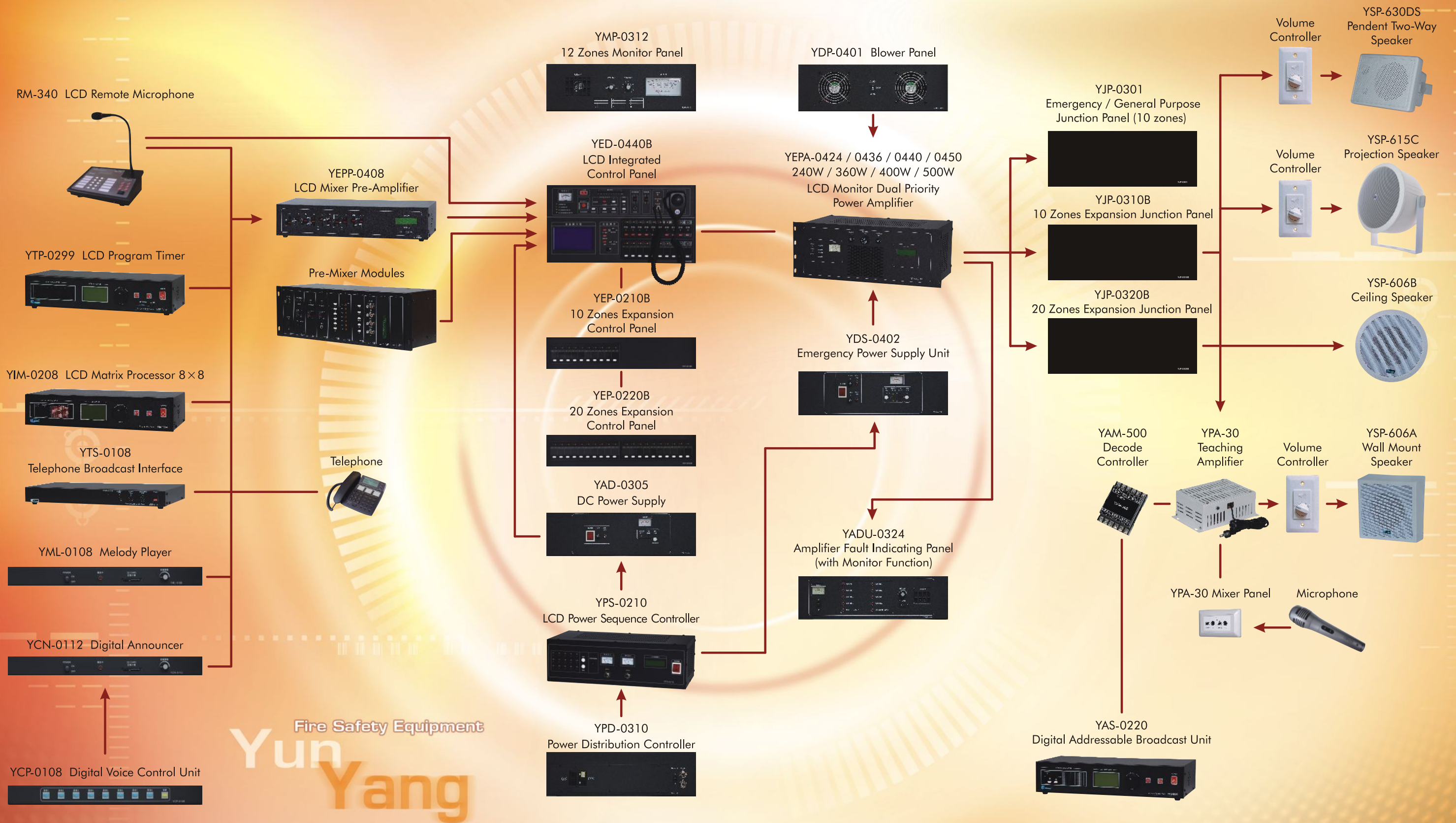


RM-340

LCD Remote Microphone

- ◆ Built-in LCD display with each zone / group status.
- ◆ 4 up / down music bell with adjustable ring volume.
- ◆ Gooseneck condenser microphone include on-broadcast LED indicator.
- ◆ Auxiliary inputs for background music playing.
- ◆ Automatically determine on-broadcast, busy, fire alarm and fault indicators.
- ◆ Power Requirement : 24V DC 150mA.
- ◆ Output : 0dBV 600Ω, balanced.
- ◆ Auxiliary Input : -22dBV 47KΩ, unbalanced.
- ◆ Dimensions : 165(L)×225(W)×90(H) mm





Fire Safety Equipment
Yun Yang

YSP-0403A / YSP-0405A
YSP-0506A / YSP-0506A1

Wall Mount Speaker

- ◆ 4/4/4/5 inch cone-type speaker
- ◆ Rated Input : 3W / 5W / 4W or 6W / 4W or 6W
- ◆ Rated Impedance : 100V , 3W(3.3KΩ)
5W(2KΩ)
4W(2.5KΩ) or 6W(1.7KΩ)
4W(2.5KΩ) or 6W(1.7KΩ)
- ◆ Frequency Response : 200Hz~12KHz
- ◆ Sensitivity : above 92dB/1m , L level
- ◆ Material / Thickness : ABS resin / 3mm
- ◆ Dimensions : 192(W)×190(H)×95(D) mm



YSP-616A Wall Mount Speaker

- ◆ 6.5 inch cone-type speaker
- ◆ Rated Input : 6W (3W / 5W / 6W switchable)
- ◆ Rated Impedance : 100V , 3W(3.3KΩ)
5W(2KΩ)
6W(1.7KΩ)
- ◆ Frequency Response : 100Hz~14KHz
- ◆ Max. SPL : 98dB/1m , L level
- ◆ Material / Thickness : ABS resin/ 2mm
- ◆ Dimensions : 252.5(W)×242.5(H)×124.5(D) mm



YSP-0403B / YSP-0405B
YSP-0506B / YSP-0506B1

Ceiling Speaker

- ◆ 4/4/4/5 inch cone-type speaker
- ◆ Rated Input : 3W / 5W / 4W or 6W / 4W or 6W
- ◆ Rated Impedance : 100V , 3W(3.3KΩ)
5W(2KΩ)
4W(2.5KΩ) or 6W(1.7KΩ)
4W(2.5KΩ) or 6W(1.7KΩ)
- ◆ Frequency Response : 200Hz~12KHz
- ◆ Sensitivity : above 92dB/1m , L level
- ◆ Material / Thickness : ABS resin / 3 mm
- ◆ Dimensions : Ø200×60(D) mm
- ◆ Mounting Hole : Ø175 mm



YSP-616B Ceiling Speaker

- ◆ 6.5 inch cone-type speaker
- ◆ Rated Input : 6W (3W / 5W / 6W switchable)
- ◆ Rated Impedance : 100V , 3W(3.3KΩ)
5W(2KΩ)
6W(1.7KΩ)
- ◆ Frequency Response : 100Hz~14KHz
- ◆ Max. SPL : 100dB/1m , L level
- ◆ Material / Thickness : ABS resin / 2mm
- ◆ Dimensions : Ø250×87.5(D) mm
- ◆ Mounting Hole : Ø225 mm



YSP-606A Wall Mount Speaker

- ◆ 6.5 inch cone-type speaker
- ◆ Rated Input : 6W (3W / 5W / 6W switchable)
- ◆ Rated Impedance : 100V , 3W(3.3KΩ)
5W(2KΩ)
6W(1.7KΩ)
- ◆ Frequency Response : 110Hz~16KHz
- ◆ Max. SPL : 99dB/1m , L level
- ◆ Material / Thickness : ABS resin / 3.5mm
- ◆ Grille : Surface-treated steel plate net
- ◆ Dimensions : 240(W)×240(H)×120(D) mm



YSP-610A Wall Mount Speaker

- ◆ 8 inch cone-type speaker
- ◆ Rated Input : 10W (6W / 8W / 10W switchable)
- ◆ Rated Impedance : 100V , 6W(1.7KΩ)
8W(1.3KΩ)
10W(1 KΩ)
- ◆ Frequency Response : 100Hz~18KHz
- ◆ Max. SPL : 104dB/1m , L level
- ◆ Material / Thickness : ABS resin / 3.5mm
- ◆ Grille : Surface-treated steel plate net
- ◆ Dimensions : 240(W)×240(H)×120(D) mm



YSP-606B Ceiling Speaker

- ◆ 6.5 inch cone-type speaker
- ◆ Rated Input : 6W(3W / 5W / 6W switchable)
- ◆ Rated Impedance : 100V , 3W(3.3KΩ)
5W(2KΩ)
6W(1.7KΩ)
- ◆ Frequency Response : 110Hz~16KHz
- ◆ Max. SPL : 100dB/1m , L level
- ◆ Material / Thickness : ABS resin / 2 mm
- ◆ Grille : Surface-treated steel plate net
- ◆ Dimensions : Ø260×77(D) mm
- ◆ Mounting Hole : Ø230 mm



YSP-810B Ceiling Speaker

- ◆ 8 inch cone-type speaker
- ◆ Rated Input : 10W (6W / 8W / 10W switchable)
- ◆ Rated Impedance : 100V , 6W(1.7KΩ)
8W(1.3KΩ)
10W(1KΩ)
- ◆ Frequency Response : 100Hz~18KHz
- ◆ Max. SPL : 105dB/1m , L level
- ◆ Material / Thickness : ABS resin / 3.2 mm
- ◆ Grille : Surface-treated steel plate net
- ◆ Dimensions : Ø260×91.5(D) mm
- ◆ Mounting Hole : Ø230 mm



YSP-0403D / YSP-0405D
YSP-0506D / YSP-0506D1
Surface-Mount Speaker

- 4/4/4/5 inch cone-type speaker
- Rated Input : 3W / 5W / 4W or 6W / 4W or 6W
- Rated Impedance : 100V , 3W(3.3K Ω)
 5W(2K Ω)
 4W(2.5K Ω) or 6W(1.7K Ω)
 4W(2.5K Ω) or 6W(1.7K Ω)
- Frequency Response : 200Hz~12KHz
- Sensitivity : above 92dB/1m , L level
- Material / Thickness : ABS resin / 2mm
- Dimensions : \varnothing 182 \times 66.5(D) mm



YSP-606D
Surface- Mount Speaker
Ceiling Mount Speaker

- 6.5 inch cone-type speaker
- Rated Input : 6W (3W / 5W / 6W switchable)
- Rated Impedance : 100V , 3W(3.3K Ω)
 5W(2K Ω)
 6W(1.7K Ω)
- Frequency Response : 100Hz~14KHz
- Max. SPL : 101dB/1m , L level
- Material / Thickness : ABS resin / 2mm
- Installation : Ceiling Mount with back cover and fixture clip
- Dimensions : \varnothing 250 \times 102(D) mm
- Mounting Hole : \varnothing 225 mm



Surface- Mount Speaker



Ceiling Mount Speaker

YSP-5020 Waterproof Column Speaker

- 5.25 inch cone-type speaker
- Rated Input : 20W (5W / 10W / 20W switchable)
- Rated Impedance : 100V , 5W(2K Ω)
 10W(1K Ω)
 20W(500 Ω)
- Frequency Response : 100Hz~20KHz
- Sound Pressure Level : 92dB / 1m or above L level
- Dust / Water Protection : IP66
- Material : Aluminum alloy
- Dimensions : \varnothing 146 \times 200(D) mm



YSP-615C Projection Speaker

- 6.5 inch cone-type speaker
- Rated Input : 15W (5W / 10W / 15W switchable)
- Rated Impedance : 100V , 5W(2K Ω)
 10W(1K Ω)
 15W(670 Ω)
- Frequency Response : 100Hz~20KHz
- Max. SPL : 106dB/1m , L level
- Material : ABS resin, dome-shaped speaker
- Dimensions : \varnothing 185 \times 155(D) mm



YSP-610E Horn Speaker

- 6.5 inch horn speaker
- Rated Input : 10W (1.25W / 2.5W / 5W / 10W switchable)
- Rated Impedance : 100V , 1.25W(8K Ω) • 2.5W(4K Ω)
 5W(2K Ω) • 10W(1K Ω)
- Frequency Response : 400Hz~4KHz
- Max. SPL : 111dB/1m , L level
- With integrated adapter
- Material : aluminum alloy
- Dimensions : \varnothing 162 \times 250(D) mm



YSP-825E Horn Speaker

- 8 inch horn speaker
- Rated Input : 25W (10W / 15W / 20W / 25W switchable)
- Rated Impedance : 100V , 10W(1K Ω) • 15W(667 Ω)
 20W(500 Ω) • 25W(400 Ω)
- Frequency Response : 320Hz~5.5KHz
- Max. SPL : 115dB/1m , L level
- With integrated adapter
- Material : aluminum alloy
- Dimensions : \varnothing 210 \times 280(D) mm



YSP-832E Waterproof Horn Speaker

- 8 inch horn speaker
- Rated Input : 32W (8W / 16W / 32W switchable)
- Rated Impedance : 100V , 8W(1250 Ω)
 16W(625 Ω)
 32W(313 Ω)
- Frequency Response : 400Hz~4KHz
- Max. SPL : 118dB/1m , L level
- Dust / Water Protection : IP65
- Material : aluminum alloy
- Dimensions : \varnothing 210 \times 280(D) mm



YSP-1650EI Waterproof Horn Speaker

- 6.4 inch horn speaker
- Rated Input : 10W (2.5W / 5W / 10W switchable)
- Rated Impedance : 100V , 2.5W(4K Ω)
 5W(2K Ω)
 10W(1K Ω)
- Frequency Response : 500Hz~7KHz
- Max. SPL : 114dB/1m , L level
- With integrated adapter
- Dust / Water Protection : IP55
- Material : aluminum alloy
- Dimensions : \varnothing 163 \times 182(D) mm



YSP-610AS
Coaxial Array Speaker

- 8 inch Coaxial Array speaker (Fullrange 8", High pitch 1.8")
- Rated Input : 10W (3W / 5W / 6W / 10W switchable)
- Rated Impedance : 100V , 3W(3.3KΩ) • 5W(2KΩ) • 6W(1.7KΩ) • 10W(1KΩ)
- Frequency Response : 100Hz~10KHz
- Max. SPL : 103dB/1m , L level
- Material / Thickness : Fire-resistant ABS resin / 3.5mm
- Grille : Surface-treated steel plate net
- Dimensions : 240(W)×240(H)×120(D) mm



YSP-630AS
Coaxial Array Speaker

- 6.5 inch Coaxial Array speaker (Fullrange 6.5", High pitch 1.89")
- Rated Input : 30W (15W / 20W / 25W / 30W switchable)
- Rated Impedance : 100V , 15W(667Ω) • 20W(500Ω) • 25W(400Ω) • 30W(333Ω)
- Frequency Response : 100Hz~19KHz
- Max. SPL : 107dB/1m , L level
- Material / Thickness : Fire-resistant ABS resin / 3.5mm
- Grille : Surface-treated steel plate net
- Dimensions : 240(W)×240(H)×120(D) mm



YSP-610BS Coaxial Array
Ceiling Mount Speaker

- 8 inch Coaxial Array speaker (Fullrange 8", High pitch 1.8")
- Rated Input: 10W (3W / 5W / 6W / 10W switchable)
- Rated Impedance: 100V , 3W(3.3KΩ) • 5W(2KΩ) • 6W(1.7KΩ) • 10W(1KΩ)
- Frequency Response : 100Hz~10KHz
- Max. SPL : 103dB/1m , L level
- Material / Thickness : Fire-resistant ABS resin / 3.2 mm
- Grille : Surface-treated steel plate net
- Dimensions : Ø260×91.5(D) mm
- Mounting Hole : Ø230 mm



YSP-630BS Coaxial Array
Ceiling Mount Speaker

- 6.5 inch Coaxial Array speaker (Fullrange 6.5", High pitch 1.89")
- Rated Input : 30W (15W / 20W / 25W / 30W switchable)
- Rated Impedance : 100V , 15W(667Ω) • 20W(500Ω) • 25W(400Ω) • 30W(333Ω)
- Frequency Response : 100Hz~19KHz
- Max. SPL : 107dB/1m , L level
- Material / Thickness : Fire-resistant ABS resin / 3.2 mm
- Grille : Surface-treated steel plate net
- Dimensions : Ø260×91.5(D) mm
- Hole Installation : Ø230 mm



YSP-3510
Line Array Waterproof Speaker

- Rated Input : 10W (2.5W / 5W / 10W switchable)
- Rated Impedance : 100V , 2.5W(4KΩ) • 5W(2KΩ) • 10W(1KΩ)
- Frequency Response : 100Hz~20KHz
- Sound Pressure Level : above 92dB/1m , L level
- Speaker : 3.5" S.P.×2, 3.25" Treble×1
- Dust / Water Protection : IP66
- Material : Aluminum alloy
- Dimensions : 426(H)×114.4(W)×113(D) mm

YSP-3540
Line Array Waterproof Speaker

- Rated Input : 40W (5W / 10W / 20W / 40W switchable)
- Rated Impedance : 100V , 5W(2KΩ) • 10W(1KΩ) • 20W(500Ω) • 40W(250Ω)
- Frequency Response : 100Hz~20KHz
- Sound Pressure Level : above 92dB/1m , L level
- Speaker : 3.5" S.P.×2, 3.25" Treble×1
- Dust / Water Protection : IP66
- Material : Aluminum alloy
- Dimensions : 990(H)×114.4(W)×113(D) mm



YSP-630DS
Pendent Two-Way Speaker

- 2- way speaker (subwoofer 6.5" tweeter 2")
- Rated Input : 30W (5W / 10W / 20W / 30W switchable)
- Rated Impedance : 100V , 5W(2000Ω) • 10W(1000Ω) • 20W(500Ω) • 30W(333Ω)
- Frequency Response : 100Hz~19KHz
- Max. SPL : 109dB/1m , L level
- Dust / Water Protection : IP55
- Material : ABS resin
- Equipped with angle adjustable back frame
- Dimensions : 270(L)×200(W)×150(D) mm

