

Emergency Combination System

# ECS-6216P



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The ECS-6216P is the main primary output zone module that allows the addition of 16 output zones to the system 6000. Up to 160 outputs zone capacity is possible with the addition of up to 9 additional ECS-6216S. Each unit also offer an addition of 16CH GPI sensor input for messaging, event and scenario triggering.

### • COMPLETE SYSTEM

- It is a complete system include with EMERGENCY SWITCHER, MATRIX, RELAY GROUP, SPEAKER SELECTOR, TERMINAL BOARD function and Setup and control is easy and efficient.

### • 16CH RELAY GROUP

- 16CH AMP INPUT, SPEAKER OUT terminal is used for setting a amp and speaker to correspond with program setting

### • AUTOMATIC FIRE DETECTING FUNCTION

- With 16-channels corresponding to fire contact point signals, fire alarm broadcasting will be transmitted automatically.

### • ZONE EXPANSION

- The system is scalable from 16 to 160 output zones by adding additional ESC-6216 (up to 9 units)

### • DATA TRANSMISSION USING CAT5 CABLE

- The use of standard category 5e cables terminated with RJ45 connectors permits easy interconnectivity between the various system components. This simplifies and speeds up system installation.

### • SOURCE PROGRAM MANAGEMENT AND REMOTE CONTROL SUPPORT

- RS-232 interface is used to control remotely Inter-M source devices (CD, TUNER) in Windows program.

### • PC CONTROL

- PC-based remote and real-time control (monitoring, operating, fault diagnosis)

### • MANUAL CONTROL OF EMERGENCY AND GENERAL BROADCASTS

- It can broadcast to desired channels by manually selecting emergency or general broadcasting.

### • BROADCASTING STATUS LEDS

- It displays the priority and broadcasting status on LED, so user can verify the broadcasting status without any effort.

### • 3 WIRE TYPE SPEAKER TERMINAL

- It consists of the channels for the common and emergency broadcastings to make 3-wire type broadcast possible.

### • REMOTE MIC CONNECTION

- 2 Remote mic port is available and can be expanded up to 16 units of Remote Mic by using RME-6108 (remote mic expansion unit)

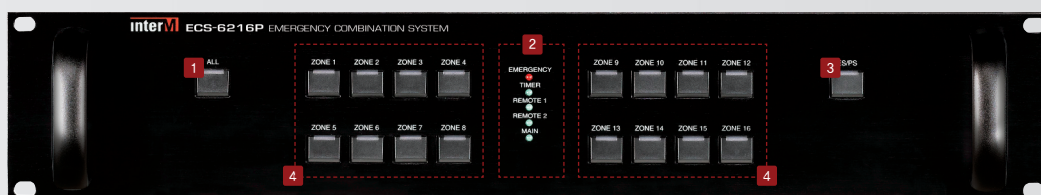
### • MEMORY/SAVE FUNCTION

- Fire/RM Macro information will be saved in internal PC memory to allow the normal operation in event of PC error.

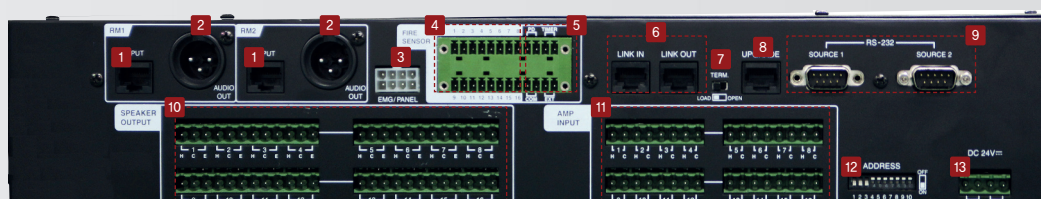
### • BROADCAST CONTROL DEPENDING ON PRIORITIES

- It switches to remote or emergency broadcasting due to priorities of emergency signals (EM>Timer>Remote Mic)

## FRONT/REAR PANEL



- 1 ALL BUTTON
- 2 BROADCASTING STATUS LEDS
- 3 ES/PS SELECTING BUTTON
- 4 SPEAKER ZONE SELECTING BUTTON (1~16)



- 1 RM 1,2 COMMUNICATION TERMINAL
- 2 RM1 AND RM2 AUDIO OUTPUT TERMINAL
- 3 EMERGENCY PANEL (EP) CONNECTING TERMINAL
- 4 FIRE SENSOR INPUT TERMINAL
- 5 PD, TIMER, EXT, COM TERMINAL
- 6 LINK IN/OUT TERMINAL
- 7 TERMINATION SWITCH (LOAD/OPEN)
- 8 UPGRADE TERMINAL (ISP)
- 9 RS-232 SOURCE DEVICE CONTROLLING TERMINAL
- 10 SPEAKER OUT TERMINAL
- 11 AMP IN TERMINAL
- 12 ADDRESS SWITCH
- 13 POWER INPUT TERMINAL

## SPECIFICATIONS

|                         |                   | ECS-6216P                                  |
|-------------------------|-------------------|--------------------------------------------|
| Priority                |                   | Emergency>Timer>Remote 1>Remote 2>Main     |
| Channel                 |                   | 16CH                                       |
| Communications Protocol | LINK IN/OUT       | RS-485 (Maximum: 1km/3,280 feet)           |
|                         | RM INPUT (RM1, 2) | RS-422 (Maximum: 1km/3,280 feet)           |
|                         | SOURCE            | RS-232 (Maximum: 12m/40 feet)              |
| Fire Sensor             |                   | Dry Contact                                |
| Operating Temperature   |                   | -10°C ~ +40°C / 14°F~104°F                 |
| Power Source            |                   | DC 24V, 900mA                              |
| Weight (Set)            |                   | 4.3kg/9.5lbs                               |
| Dimensions (Set)        |                   | 482(W)x88(H)x280(D)mm/19(W)x3.5(H)x11(D)in |

※ Specifications and design are subject to change without notice.



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