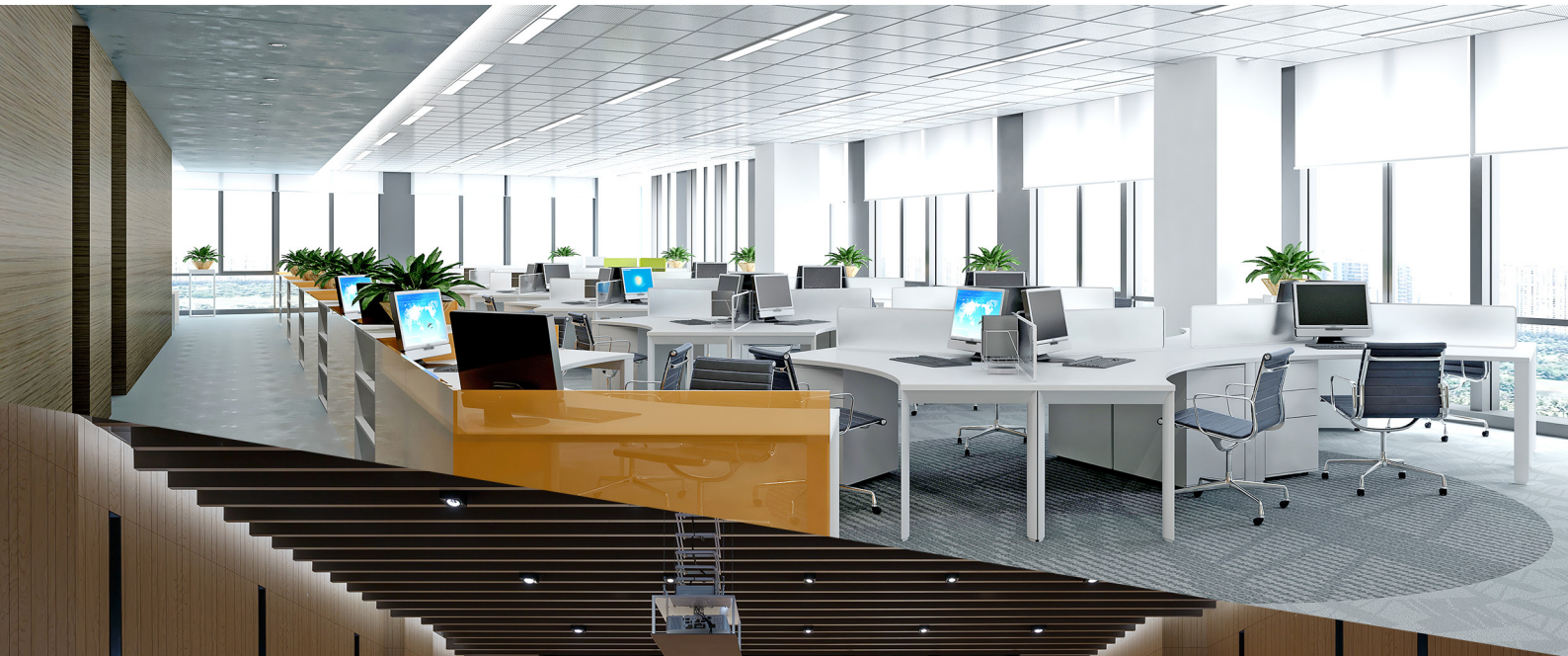




Sound System Package

Solusi Audio untuk Setiap Ruang



Sesuaikan Suara, Sesuaikan Ruang
Dapatkan rekomendasi paket terbaik sesuai
dengan kebutuhan ruangan Anda.



Setiap ruangan memiliki karakteristik akustik yang berbeda, dan kualitas sistem audio yang baik bergantung pada kemampuan menyesuaikan diri dengan kondisi tersebut. Paket ProSound kami memahami pentingnya menghadirkan suara yang tidak hanya terdengar, tetapi juga merata, seimbang, dan nyaman bagi semua yang berada di dalam ruangan. Oleh karena itu, kami menghadirkan paket speaker yang telah dikategorikan secara khusus berdasarkan luas ruang—memberikan solusi yang tepat guna untuk kebutuhan audio Anda.



Public Address System Package

- 1 Unit Chime Microphone **ZM-380C-AS**
1 Unit Wall-Mount Voice Evacuation System **Z-FV2148W-AS**
- 6 Unit Speaker System **ZS-F05BT-AS**
4 Unit Paging Horn Speaker **ZH-625SM**



ProSound Package - Ruang 5 x 10m

- 2 Set Wireless Microphone System **Z-WS422-AS**
1 Unit Yamaha Mixing Console **MG-16XU**
2 Unit Digital Mixer Amplifier **ZA-3248D-AS 1**
1 Unit DSP System **TxG G4.8**
- 1 Unit Power Sequencer **Z-PD1835-AS 1**
4 Unit Speaker System **ZS-F08BT-AS**
2 Unit Speaker System **ZS-FB08B-AS (Subwoofer)**



ProSound Package - Ruang 10 x 20m

- 2 Set Wireless Microphone System **Z-WS422-AS**
1 Unit Yamaha Mixing Console **MG-16XU**
1 Unit Multichannel Power Amplifier **DA-1000F-AS**
1 Unit Digital Mixer Amplifier **ZA-3248D-AS 1**
1 Unit DSP System **TxG G4.8**
- 1 Unit Power Sequencer **Z-PD1835-AS 1**
2 Unit Line Array Speaker **Z-7B-HX-2M**
4 Unit Speaker System **ZS-F08BT-AS**
2 Unit Subwoofer System **Z-120BFB**



ProSound Package - Ruang 25 x 25m

- 2 Set Wireless Microphone System **Z-WS422-AS**
1 Set Wireless Microphone System **Z-WS430-AS**
1 Unit Gooseneck Microphone **ZM-380-AS**
1 Unit Yamaha Digital Mixing Console **TF1**
1 Unit Multichannel Power Amplifier **DA-1000F-AS**
3 Unit Multichannel power Amplifier **DA-1250D-AS**
- 1 Unit DSP System **DP-SP3**
1 Unit Power Sequencer **Z-PD1835-AS 1**
2 Unit Line Array Speaker **Z-7B-HX-AS**
2 Unit Line Array Speaker **Z-7B-HX-2M**
4 Unit Subwoofer **Z-FB152B-AS**
2 Unit Coaxial Array Speaker System **ZS-HS1500BT**



Specification

Digital Mixer Amplifier



Specification	ZA-3248D-AS 1
Power Source	100 – 240V AC, 50/60Hz or 24V DC
Power Consumption	99W (AC operation at 1/8 maximum output without clip)
Rated Output	480W
Input	MIC 1: 1mV (-60dB*), 600Ω, Balanced, Phone Jack, selectable to RJ45 with echo function MIC 2 - 3: 1mV (-60dB*), 600Ω, Balanced, phone jack MIC 4: 1mV (-60dB*), 600Ω, Balanced, phone jack, selectable to AUX 1 AUX 1: 100mV(-20dB*), 10kΩ, Unbalanced, RCA pin jack, selectable to MIC 4 AUX 2: 100mV(-20dB*), 10kΩ, Unbalanced, RCA pin jack
Output	
Speaker Out	Speaker output in screw type terminal
Direct line (Selectable)	21Ω(100V) or 4Ω
Rec Out	0dB*, 600Ω, Unbalanced, RCA pin jack
Phantom Power	DC +21V (MIC 1)
Frequency Response	50Hz - 20kHz
Dimensions	420(W) x 100.9(H) x 357 (D)mm
Weight	5.4kg

Multichannel Power Amplifier



Specification	DA-1000F-AS	DA-1250D-AS
Power Source	100 – 240V AC, 50/60Hz	
Power Consumption	2000 W*1	1100 W*1
Input	CH 1-4 : 20kΩ (balanced) / 10kΩ (unbalanced), 0.775 / 1.0V / 32dB*2, XLR-F connector	CH 1-2 : 20kΩ (balanced) / 10kΩ (unbalanced), 0.775 / 1.0V / 32dB*2, XLR-F connector
Output	LINK CH 1-4 : XLR-M connector SPEAKER 1-4 : 4 channels : 650Wx4 (8Ω)*3 ,1000Wx4 (4Ω)*3 2 channels(BRIDGE) : 2000Wx2 (8Ω)*3 NL4 SPEAKON connector	LINK CH 1-2 : XLR-M connector SPEAKER 1-2 : 2 channels : 700Wx2 (8Ω)*4 , 1250Wx2 (4Ω)*4 1 channel(BRIDGE) : 2500Wx1 (8Ω)*4 NL4 SPEAKON connector
Frequency Response	20Hz to 20kHz (+/-3dB)	
LED Indicator	Protect (red)/ Clip (red)/ -5dB(green) / -10dB(green) / -20dB(green) / Signal(green) / Power(green)	Protect (red)/ Clip (red)/ -5dB(green) / -10dB(green) / -20dB(green) / Signal(green) / Power(green)
Dimensions	483 (W) X 89 (H) X 461 (D) mm	483 (W) X 89 (H) X 305 (D) mm
Weight	9.2kg	6.1kg

*1 2/3 rated, 8Ω/CH | *2 0dB = 1V | *3 The power is tested under the condition of 20ms burst 1kHz sin wave and 1% THD. | *4 The power is tested under the condition of 40ms burst 1kHz sin wave and 1% THD.

DSP System



Specification	DP-SP3
Power Source	220 – 240V AC, 50/60Hz
Power Consumption	25W
Frequency Response	20Hz - 20kHz, ± 1dB
Input	2 channels, +4dB* (max. +24dB*), 10kΩ, electronically-balanced, removable terminal block (3P)
Output	6 channels, +4dB* (max. +24dB*), applicable load 600Ω or more, electronically - balanced, removable terminal block (3P)
Preset Memory	16
Equalizer / Filter	Parametric equalizer: 20Hz - 20kHz, ± 15dB, Q: 0.267 - 69.249
Crossover	2 ways, 3 ways, 4 ways Crossover filter : 20Hz - 20kHz, 6dB/oct, 12dB/oct, 18dB/oct, 24dB/oct, -15 to +12dB, polarity switchable

Specification	DP-SP3
Compressor	Threshold: -20 to + 20dB* in 1dB steps ; Attack time : 0.2ms - 5s; Release time : 10ms -5s
Delay	Delay time : 0 - 682.656ms in 0.01ms step
Network	Network protocol : TCP/IP Connection cable: Shielded Cat. 5 or higher twisted pair cable for LAN (Cat. 5-STP or better)
Dimensions	482(W) x 44(H) x 289 (D)mm
Weight	3.1kg

Power Sequencer



Specification	Z-PD1835-AS 1
Power Source	AC 200V, 50/60Hz, Max. 3500W ; Max. load 16A
AC Outlet	8AC Outlets, Type C (2 pins plug), 10A
Indicator	Power Indicator light green ; Sequence indicator light green
Control	2 Input, 2 Output; No Voltage make contact input, open voltage: 5V DC, Short-circuit current : Under 5mA, Removable terminal block (6pins)
Cascade	Max. 4 units
Step Timing	1 second per AC outlet
Dimensions	482(W) x 44(H) x 326.5 (D)mm
Weight	3.5kg

Line Array Speaker



Specification	Z-7B-HX-AS	Z-7B-HX-2M
Enclosure	Bass Reflex Type	
Power Handling Capacity	Continuous pink noise: : 250W / ContinuousProgram : 750W	Continuous pink noise: : 125W / ContinuousProgram : 375W
Rated Impedance	8Ω	16Ω
Sensitivity	100dB (1W/1m)	93dB (1W/2m)
Frequency Response	75-20kHz	
Directivity Angle	Horizontal : 100° ; Vertical : Depending on directivity angle mode	Vertical : Depending on directivity angle mode
Speaker Component	Low Frequency: 13cm cone-type x 8, High Frequency: Wave front control horn with compression driver x 4	Low Frequency: 13cm cone-type x 4, High Frequency: Wave front control horn with compression driver x 2
Dimension	497(W) x 664(H) x 274(D) mm	497(W) x 345(H) x 274(D) mm
Weight	30kg	16kg

Coaxial Array Speaker System

Specification	ZS-HS1500BT
Enclosure	Sealed Type
Power Handling Capacity	Continuous pink noise 100 W (low impedance); Continuous program: 300 W (low impedance)
Rated Input	60 W (High Impedance)
Rated Impedance	8 Ω ; 100 V line: 170 Ω (60 W), 330 Ω (30 W), 670 Ω (15 W) 70 V line: 83 Ω (60 W),170 Ω (30 W), 330 Ω (15 W), 670 Ω (7.5 W)
Sensitivity	98 dB (1 W, 1 m)
Frequency Response	60 Hz - 20 kHz
Speaker Component	Low frequency 38cm (15") cone type, High frequency : Balanced dome tweeter x 6
Dimensions	451 (W) X 560 (H) X 400 (D) mm
Weight	14kg



Speaker System



Specification	ZS-F05BT-AS	ZS-F08BT-AS
Enclosure	Bass-reflex type	
Power Handling Capacity (*1)	Rated noise power: 60 W (8 Ω) Continuous program: 120 W (8 Ω)	Rated noise power: 90 W (8 Ω) Continuous program: 180 W (8 Ω)
Rated Input	30 W (100 V line, 70 V line)	60 W (100 V line, 70 V line)
Rated Impedance	8 Ω 100 V line: 330 Ω (30 W), 1 kΩ (10 W), 3.3 kΩ (3 W), 10 kΩ (1 W) 70 V line: 170 Ω (30 W), 330 Ω (15 W), 1 kΩ (5 W), 3.3 kΩ (1.5 W), 10 kΩ (0.5 W)	8 Ω 100 V line: 170 Ω (60 W), 330 Ω (30 W), 670 Ω (15 W), 3.3 kΩ (3 W) 70 V line: 83 Ω (60 W), 170 Ω (30 W), 330 Ω (15 W), 670 Ω (7.5 W), 3.3 kΩ (1.5 W)
Sensitivity	90 dB (1 W, 1 m) at installation in 1/2 free sound field	91 dB (1 W, 1 m) at installation in 1/2 free sound field
Frequency Response	60 Hz - 20 kHz, -10 dB at installation in 1 /2 free sound field	50 Hz - 20 kHz, -10 dB at installation in 1 /2 free sound field
Directivity Angle	Horizontal: 100°, Vertical: 100°	
Speaker Component	Low frequency: 13 cm (5") PPcone-type High frequency: 25 mm (1") dome tweeter	Low frequency: 20 cm (8") PPcone-type High frequency: 25 mm (1") dome tweeter
Dimensions	162 (W) X 274 (H) X 164 (D) mm	251 (W) X 392 (H) X 216(D) mm
Weight	2.7kg	5.2kg

(*1) Rated noise power is defined by IEC60268-5. Continuous program is 3 dB above Rated noise power.
Note: Bolts and nuts for mounting the bracket to the wall or ceiling are not included. Prepare them separately.

Subwoofer



Specification	ZS-FB08B-AS
Enclosure	Bass-reflex type
Power Handling Capacity (*1)	Rated noise power: 120 W (8 Ω); Continuous program: 240 W (8 Ω)
Rated Input	120 W (100 V line, 70 V line)
Rated Impedance	8 Ω ; 100 V line: 83 Ω (120 W), 167 Ω (60 W) 70 V line: 50 Ω (100 W), 83 Ω (60 W), 167 Ω (30 W)
Sensitivity	84 dB (1 W, 1 m) at installation in free sound field; 90 dB (1 W, 1 m) at installation in 1/2 free sound field
Frequency Response	45 Hz - 300 Hz, -10 dB at installation in 1/2 free sound field
Speaker Component	20 cm (8") cone-type
Dimensions	200 (W) X 350 (H) X 400 (D) mm
Weight	16kg

(*1) Rated noise power is defined by IEC60268-5. Continuous program is 3 dB above Rated noise power.
Note: Bolts and nuts for mounting the bracket to the wall or ceiling are not included. Prepare them separately.



Subwoofer



Specification	Z-120BFB	Z-FB152B-AS
Power Handling Capacity	Continuous pink noise: 200W, Continuous program: 600W	Continuous pink noise: 300W, Continuous program: 900W
Sound Pressure Level (1W/1m)	90dB	91dB
Rated Impedance	8Ω	
Frequency Response	40 - 1.200Hz (-10dB)	40-400Hz (-10dB)
Speaker Component	30cm cone-type	38cm cone-type
Input Terminal	Speakon NL4MP x 2 and M4 screw terminal, distance between barriers:11mm	Speakon NL4MP x 2 and M4 screw terminal
Dimensions	408(W) x 408(H) x 450(D)mm	505(W) x 530(H) x 655(D)mm
Weight	15kg	35kg

Wireless Microphone System



Receivers	Single Channel (Z-WS430-AS)*	Dual Channel (Z-WS422-AS)*
Diversity Reception	AC mains (supplied AC-DC adapter must be used)	
Frequency Range	633 - 671 MHz, UHF	
Sensitivity	10uV at 45 dBA S/N	
Squelch (SQ)	Tone SQ, Carrier SQ, Noise SQ	
Audio Frequency Response	50 Hz - 15 kHz	
Audio Output Level (Maximum)	Balanced (XLR socket) : -20 dBu Unbalanced (1/4" jack socket) : 10 dBu	Balanced (XLR socket) : 16 dBu Unbalanced (1/4" jack socket) : 10 dBu
Power Supply	11 - 18 VDC 300 mA	11 - 18 VDC 500 mA
Dimensions	215 (W) x 39 (H) x 102 (D) mm (excluding antenna and BNC)	210 (W) x 44 (H) x 202 (D) mm (excluding antenna)
Weight	480 g	720 g
Include	* Z-WS430-AS (include 1 beltpack transmitter with lavalier)	* Z-WS422-AS (include 2 handheld microphone)



Microphones	Handheld Microphone	Wireless Transmitter
Microphone unit	Dynamic with cardioid pattern	Back Electret Condenser, Omni-directional
RF Carrier Power	10 mW	
Audio Frequency Response	80 Hz - 15 kHz	50 Hz - 15 kHz
Audio input Level	140 dBSPL (maximum)	-6 dBV (maximum), mic gain 0dB
Battery Life	approx. 10 hours	
Battery	1 AA size alkaline battery, 1.5 V	
Dimensions	250 x ø55 mm	62 (W) x 100 (H) x 25 (D) mm (with clip)
Weight	245 g (with battery)	85 g (with battery)

Paging Horn Speaker



Specification	ZH-625SM
Input	Rated 25W
Line Voltage	100V Line
Sound Pressure Level	≥ 110dB
Frequency Response	297 - 8.409Hz
Dimension	285(W) x 227(H) x 277(D) in mm
Weight	2.1kg

Chime Microphone



Specification	ZM-380-AS	ZM-380C-AS
Element	Condenser Microphone	Condenser Microphone (with 4- Tones Chime(Up/Down))
Polar Pattern	Cardioid	
Rated Impedance	750Ω, Balanced	600Ω, Balanced
Rated Sensitivity	-39dB ±1dB (1kHz, 0dB = 1V/Pa)	-41dB ±3dB (1kHz, 0dB = 1V/Pa)
Frequency Response	50-16kHz	50-18kHz
Output Connector	XLR-3-32 Equivalent	XLR-3-32 Equivalent RJ45 : Audio output, power supply, contact output
Dimension	110(W) x 145(L) x 532(H) in mm	
Weight	550g (excludes batteries)	558g (excludes batteries)

Wall-mount Voice Evacuation System



Z-FV2148W-AS	
Power Source	100 - 240 V AC, 50/60 Hz, M4 Screw Terminal
Power Consumption	99 W (EN 62368-1) 530W (Rated Output)
Rated Output	480W
Input	Front Microphone : -60dB*, 2.2kΩ, unbalanced, XLR connector Input 1 : -60dB*/ -20dB* (selectable), 2.2kΩ, balanced, screw terminal Phone jack priority (if connected to phone jack, voice change automatically) Input 2 : -20dB*, 10kΩ, balanced, screw terminal MP3: LED Display, Support USB, SD/MMC Card (up to 32GB), Bluetooth, Radio FM
Remote Microphone	Usable Remote Microphone : RM-200M Max 4 unit, RJ45 Maximum Cable Distance: Total 800M
Output	Speaker Output : Screw Terminal Speaker Selector : 10 Zones, high impedance (100V line) individual selector, group
S/N Ratio	Over 60dB
Frequency Response	50Hz - 20000Hz
Tone Control	Bass : ± 10dB at 100Hz ; Treble : ± 10dB at 10kHz
Emergency Announcement	Alert, Evacuation, False, Clear (repeated continuously / one time, selectable)
Built-in Chime	2 Chimes
Control Input	FA IN : No-voltage make contact input, open voltage: 24V DC, short-circuit current: under 5mA, screw terminal CTRL IN 1-6 : No-voltage make contact input, open voltage: 24V DC, short-circuit current: under 5mA, screw terminal (assignable)
Control Output	FA OUT : Relay contact output, rated voltage: 24V DC, screw terminal CTRL OUT 1 - 2 : Relay contact output, rated voltage: 24V DC, screw terminal (assignable)
Indicator	Power, Signal, Peak, Fault, Each of Zone, All Zone, Alert, Evacuation, False, Clear
Ventilation	Fan Cooling
Dimensions	370 (W) x 456(H) x 132 (D) mm
Weight	9.2kg



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