

BXIB WMP 2100 SERIES

DPS MAIN CONTROLER SYSTEM (PAGING SYSTEM)

DPS Main Controller yang menghubungkan seluruh perlengkapan dengan satu kabel sehingga menghasilkan transmisi suara berkualitas tinggi dan sistem manajemen yang sangat baik. Dapat diaplikasikan di beberapa tempat seperti : Departemen store, Mall, Pusat perkotaan, Gedung perkantoran, Sekolah, Universitas, Bandara, Stasiun kereta, Terminal Bus, Industri, Tempat entertainment, Bioskop, Stadion olahraga, Militer, Rumah sakit, Penjara, dan lain sebagainya.



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WMP 2100 SERIES

Digital Paging System "BxB" merupakan rangkaian system control PA Digital yang dirancang oleh industry manufaktur sound system dan control system terkemuka dari Taiwan dan salah satu yang terbaik di dunia. Proses manufaktur dan teknologi terbaru dari semua desain BxB menjamin kualitas dan nilai luar biasa seluruh produk BxB disamping fitur-fitur multi-fungsi canggih yang terintegrasi seperti: system control saklar numeric matriks, system control premixed, memonitor sistem amplifier, penyiaran telepon, intercom, control lingkungan otomatis, control daya, sistem keamanan & fitur yang paling menonjol yaitu salah satu sambungan kabel yang mampu meningkatkan efisiensi PA serta kualitas suara standar professional yang sangat handal.

Berbeda dengan Paging System lainnya, BxB mampu melakukan panggilan atau pengumuman sesuai kebutuhan atau kelompok tertentu yang diinginkan tanpa mengganggu kelompok lainnya sehingga menjadikan BxB sebagai manufaktur yang benar-benar melakukan revolusi.

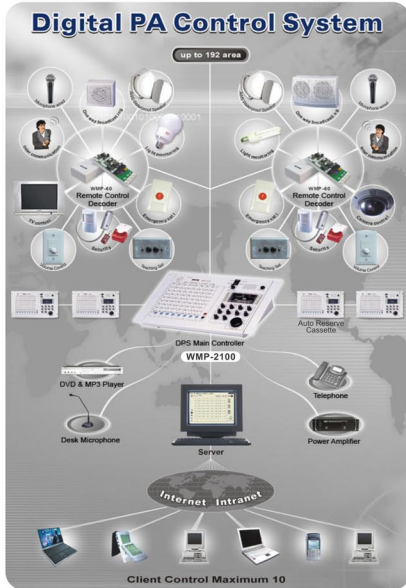
SYSTEM OUTLINE

BXB DPS PA Sistem Digital dilengkapi dengan: **DPS Main Controller, Remote Control Decoder, Power Amplifier, Amplifier Speaker, AWS Waterproof Speaker, Desk Microphone, Microphone Wired, Teaching Set (Receptable Mic), Auto Reverse Cassette, AM/FM Radio Tuner, serta DVD/MP3 Player.**

WMP-2100 merupakan Main Controller DPS yang menghubungkan seluruh perlengkapan dengan satu kabel sehingga menghasilkan transmisi suara berkualitas tinggi dan sistem manajemen yang sangat baik.

BXB DPS mengadopsi struktur sistem terbuka dan konsep untuk pengguna dengan manajemen terpusat. Selama proses perencanaan dan desain, hanya perlu menyelesaikan kerangka dasar sistem sehingga dengan mudah, tanpa mengubah sistem perkabelan, kita dapat menambahkan peralatan, fungsi dan fitur.

Sistem BXB DPS sangat lengkap dan cocok untuk lingkungan yang sangat luas serta diperkaya fungsi deteksi sendiri sebagai salah satu fungsi terpentingnya, begitu terjadi masalah, kita cukup memeriksa dari DPS Main Controller WMP-2100 tanpa harus datang dan memeriksa ke setiap zona secara langsung. Saat ini telah menggunakan internet dan PC yang mampu menjalankan efisiensi, otomatisasi, kemanusiaan dan intuisi sehingga pengguna dapat mengontrol seluruh lingkungan, intercom dan keamanan tanpa meninggalkan tempat, hanya dengan menggunakan BXB DPS.



DIGITAL PUBLIC ADDRESS SYSTEM WMP-2100 Series



EPS - P081 EXTENSION POWER SUPPLY

FITUR - FITUR

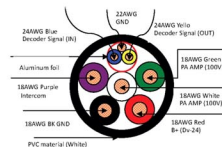
- Integrated with WMP-2100 DPS series
- 7 core Output*1, 7 core Input*1
- Support 30pcs of WMP-60 remote decoders
- Aluminum shell with square appearance
- LED indicator for power on
- Protection: Short circuit / Overload / Over voltage

Output

- Dc Voltage : 24V
- Rated Current : 4.2A
- Current Range (convention) : 0-4.2A
- Rated Power (convention) : 100.8W
- Voltage Adj. Range : 16.2 - 18.2V
- Voltage Tolerance : +/- 2.0%
- Line Regulation : +/- 0.5%
- Load Regulation : +/- 1.0%

Input

- Voltage Range : 90-264VAC, 127-370VDC
- Frequency Range : 47-63Hz
- Power Factor : PF>0.93 / 230VAC PF>0.98/115VAC at full load
- Efficiency : 80%
- AC Current
115 VAC : 1.7A
230 VAC : 0.75A
- Inrush Current : Cold Start 24A/230VAC
- Leakage Current : <2MA / 240VAC



WMP-7C CONTROL CABLING

Wires configuration of WMP-2100 features color management, there are seven different control cables to transmit signals.



Color	Abbreviation	Fuction
Yellow	RF OUT	RF control signal cable : output signal to decoder
Red	B+ OUT	DC 24V on WMP-60 Decoder
Black	GND	RF IN RF OUT B+ OUT INTERCOM same ground wire signal cable
Blue	RF IN (KEY)	Return signal cable (for exp : N.O, N.C and self detect
Purple	INTERCOM	Intercom signal cable : need connect the signal wiper & ground wire to control signal
Green	COM	Power amplifier output AUX : No cathode or anode (NO +/- different)
White	100 V	Power amplifier output AUX : No cathode or anode (NO +/- different)



WMP 60 D REMOTE DECODER



FITUR - FITUR

- Integrated with WMP-2100 for encoding and broadcasting
- Three (3) colors LED indicators indicating PA status: Green "GROUP/ALL CALL", Orange "INTERCOM/CALL-BACK", Red "SECURITY"
- Eight (8) Functional Control Port
- Built-in Call-Back module
- Has "Security" detect port
- Cables Management with Seven (7) Colors
- Fire Emergency Priority Broadcasting

SPESIFIKASI

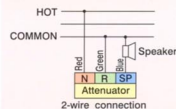
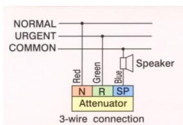
- Frequency response : 100HZ-16KHZ
- POWER : DC 12-24V
- Loading Capacity : Single Area (3A/10A)
- AUX INPUT : 100V/COM x 4 Sets
- AUX OUTPUT : 100V/COM x 1 Set
- Fire Emergency Control : 100V/COM x 1 Set
- INTERCOM
 - Equipment : Requires WIC-60
 - Receiving Range : 10 meters radius
 - Directional sensitivity : Omni-directional
- LED Status Display : 3 colors (Green, Orange & Red)
- Multi-functional Control Port : 8 Sets
- Normal Open (N.O.) Port : 1 Set
- Normal Close (N.C.) Port : 1 Set
- Normal Open (N.O.) Activated Port : 1 Set
- Light Detect Port : 1 Set
- Mounting Type : Wall Mounted
- Dimensi (HxWxD) : 160 x 105 x 37 mm
- Berat : 0.8 KG
- Box Material : ABS
- Surface : Ivory White Anti-Oxygen Painting



WZ-30E SPEAKER VOLUME CONTROL

SPESIFIKASI

- Rated Input : 30W
- Input Voltage : 100V LINE
- Output Voltage : 100V LINE
- Volume Band : 5 Steps (off, -18dB, -12dB, -6dB, 0dB)
- Method : Transformer Type
- Dimensi (HxWxD) : 120mm x 70mm x 33 mm
- Berat : Approx. 0.16kg



Kelengkapan terdiri atas :



FITUR - FITUR

- "ALL-IN-ONE" Full Functional Design
- Single/ Full Areas Broadcasting
- One Single Cable Connection
- Instinctive "One-Button-Push"
- Internet/ Intranet Real-time Monitoring & Broadcasting Technology
- Built-in Two-way Intercom Interface
- Built-in Telephone Broadcasting Interface
- User-friendly Advanced Graphical Software control
- Automatic System Detection
- Exceptional system expandability

SPESIFIKASI

- Frequency response : 50HZ - 20KHZ
- RF OUT : 12 VPP (circuit memorize to affirm)
- Sensitivity : -60dB
- Total harmonic distortion : 0.5%
- S/N : MIC > 60 dB AUX > 70dB
- Transmission method : digital signal
- Transmission rate : >9600/ bit
- MIC INPUT : 4 sets 600Ω / 6mV / -22dB
- LINE IN : 4 set 22KΩ / 300mV / -10dB
- LINE OUT : 3 sets 22KΩ / 300mV / -10dB
- Power consumption : 20A
- Power : Ac110/ 220, 50/ 60Hz, Power LED light
- Dimensi (HxWxD) : 465 x 30 x 130 (mm)
- Berat : 10 Kg
- Termasuk : 19" bracket mounting kit
- Surface : Ivory white coating, against rusty

Interface



Personal Computer



WMP-2100 DPS MAIN CONTROLLER WITH CONTROL SOFTWARE (WSC-2100)



FITUR - FITUR

- Multi-language : 3 languages
- Easy to use : (Edit) & (Operate)
- Interface : User-friendly
- Synchronization : Main Control Unit and PC
- Zone Arrangement/ Page setting
- Timer : up to 8 setting
- Volume Adjustment
- Recording : Mp3 format
- Pre Warm-up time selection
- Instant music play

FITUR - FITUR INTERFACE

- Applies with WMP-2100 main controller and WSC-2100 graphical control software
- Equipped with a RS-232 port and a DB9 port (RS-232 for connection from WMP-2100 to this interface; DB9 for connection from the Interface to software.)
- 4 express buttons for fast trigger WMP-2100 to play pre-loaded music files such as music, broadcast context and bells in software.
- 1-30 music files could be assigned to each button.

SYSTEM REQUIREMENTS

- PC with 500 megahertz or higher processor clock speed
- Windows® XP and Windows® 7
- 1 GB RAM or higher recommended
- 250 megabytes (MB) of available hard disk space
- CD-ROM or DVD drive
- Available hard-disk space: 2.0 GB (some users may require up to an extra 300 MB)
- For installation of software: DVD drive or high speed Internet access
- Super VGA (1024 x 768) or higher resolution monitor
- Microsoft Mouse, Microsoft IntelliMouse®, or a compatible pointing device



PA - 635 POWER AMPLIFIER

SPESIFIKASI

- Rated Input : 400W
- T.H.D. : <0.6% (1KHZ)
- S/N Ratio : -74B ± 3dB
- Frequency Response : 75 Hz ~ 20.5 KHZ ± 3dB
- Speaker Output : 100V (167Q)/70V (82Q)/4-16Q
- High Volume boost sensitivity : +20V
- Input Sensitivity : +6dB ± 3dB
- Total power consumption : 650 W
- Voltage : AC : 110V/220V, 50/60HZ, DC:24V
- Dimensi (HxWxD) : 420x 460 x145 (mm)
- Berat : 20.5 Kg

FITUR - FITUR

- Contact to boot feature
- Auto boot when received high volume signal without high volume signal, Auto off
- Multi-units use parallel connection to increase power
- Built-in dual protection circuit with short and overload protection LED indicator
- AMP with Self-Protection to prevent overheat



WS 817 ALM-60D AMPLIFIER SPEAKER

FITUR - FITUR

- Has Separate Teaching Amp. System
- Integrated with WMP-2100 for encoding and broadcasting
- Built-in TWO-WAY decoder and ID address can be easily changed manually (via DIP switch)
- Auto ON/ OFF : When there is sound input it will be turned on automatically; if there is no sound input for 60 seconds it will be switched off automatically
- Three (3) colors LED indicators indicating PA status : (Green) "GROUP/ ALL CALL", (Orange) "INTERCOM/ CALL-BACK", (RED) "SECURITY"
- Built-in Call-Back module
- The speaker box is ABS material feature protecting from fire
- Building-integrated stylish shape and silver-gray color for different decoration
- Speaker unit : coaxial two way, low 6.5" high 2"x 2

SPESIFIKASI

- Rated Input : 35W
- Sound pressure level : 94dB
- Frequency response : 80-15KHZ
- Speaker unit : 6.5" x 2
- Input impedance : 100V LINE, 3W-3.3KQ, 6W-1.7KQ, 10W-1KQ
- LED Status Display : Three (3) colors : Green, Orange & Red
- MAX Sound pressure level : 105dB
- Mounting Type : Wall Mounted
- Dimensi (HxWxD) : 350x250x160(mm)
- Berat : 2.8kg
- Box Material : ABS
- Surface : Ivory White Anti-Oxygen Painting



PRE-4 - TEACHING SET (RECEPTACLE MIC)



AWS-6502 WATERPROOF SPEAKER

FITUR - FITUR

- 2 way water-proof speaker
- ABS cabinet built to handle outdoor conditions
- High power woofer for open-space listening
- Wedge shaped cabinet can easily be tucked away
- Aluminum and brass fitting to prevent rusting or corrosion
- Includes "U" bracket for mounting
- Available in White color

SPESIFIKASI

- Rated Input : 6-1/2"mica filled poly cone with butyl rubber surround
- Input impedance : Pivoting 28mm Ferro-Fluid cooled tweeter
- Frequency Response : 50 - 20k Hz
- Impedance: 8 ohm
- Sensitivity : 89 dB
- Power : 40 - 80 Watts
- Dimensi (HxWxD) : 11.65"x8.86"x7.6"
- Berat : 8.38 lbs. (3.8Kg) Each
- Switch : 20/15/10/5W & 8 Q



CTM-02X DESK MICROPHONE

FITUR - FITUR

- Integrated mainly with WMP-2100 Main Control Unit to broadcast
- Aluminum shell with smooth appearance
- Skidproof foundation
- Fixed/pluggable gooseneck
- uni-directional 48cm microphones with LED
- Gooseneck microphone with illuminating red ring to indicate speaking status
- Start and end with four sound chime

SPESIFIKASI

- Frequency response : 100HZ~12KHZ
- S/N ratio : >75dB
- Voltage : DC 12V
- Speaking Indicator Lamp : 1 LED Illustrated Red Ring Light
- Connection : 3pin cable with Ø6.3mm
- Dimensi (HxWxD) : 35x13 x155 (mm)
- Berat : 2.2 Kg
- Color : Black
- Component : 12V/1.5A transformer