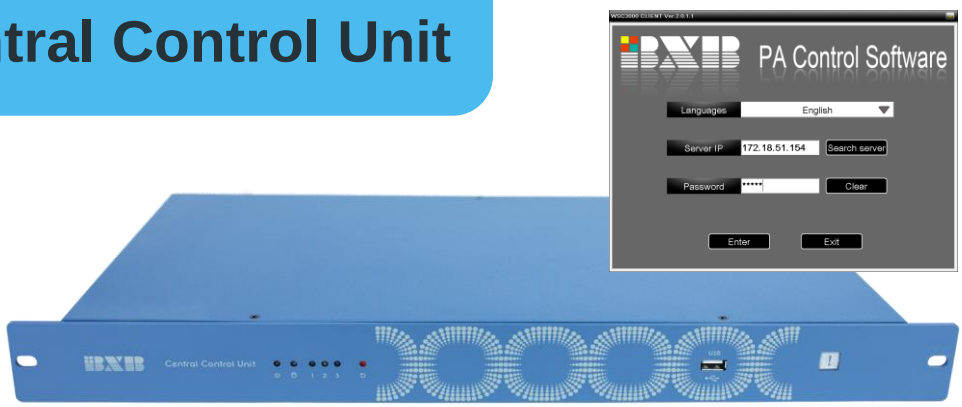
WMP-3080

Central Control Unit



- TCP/IP network control: transmit video and control signals via internet.
- Control the Max. of 700 zones + 70 groups.
- Scheduling & auto-broadcasting: schedule hourly chime, daily routine, and special event promotion in advance; the system would execute broadcasting automatically.
- Multi-channel announcement: deliver 8 different audio and text sources to different zones at the same time. It's ideal for the multimedia teaching and exam at school.
- Remote control: use the APP to execute broadcasting with phone, VoIP, and TTS modes, greatly enhancing the security and commanding efficacy.
- Energy-saving: intelligently control the power of loudspeakers, light, air-conditioner, and other AV equipment, which saves energy and ensures the safety of electric use.
- Built-in dual network card: connect to the LAN and extranet simultaneously.
- Equipped with a service button: press the button when there's any unusual condition. The system would transmit the user's information and system's condition back to BXB's headquarter for remote troubleshooting.
- Equipped with hardware restore mechanism, preventing virus invasion.

Product Specifications

Hardware Specifications

RS-232	DIN-9PIN x 2
USB	USB 2.0 x 3; USB 3.0 x 4
LAN	RJ-45 TCP/IP x 2
Video Out	HDMI OUT x 2
Audio	LINE OUT x 1 LINE IN x 1 MIC IN x 1
Capacity	500G

Physical Properties

Dimensions (WHD)	483 x 44 x 205.5 mm
Cabinet 19"	1U
Weight	3Kg (adapter excluded)
Storage Temperature	-20°~ 80°C
Operating Temperature	0°~ 45°C

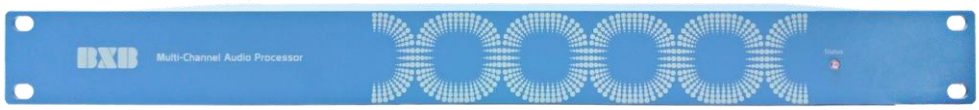
Power Supply

External Power Supply	DC12V 7A MAX
Voltage/Frequency	110/220V
Power of Adapter	84W
Weight of Adapter	0.5Kg (power cord excluded)

BXB Electronics Co., Ltd.
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WMP-3050

Multi-channel Audio Processor



- Interconnects with WMP-3051 and WMP-3080 for audio broadcasting.
- Built-in audio switch: deliver audio signals to single or multiple channels.
- Equipped with internal line PA interface: execute zone / group / all-zone broadcasting by any extension phone within IP PBX.
- Equipped with external line PA interface: do the remote audio PA via telephone or mobile phone with the fixed line.
- Able to do two-way transmission and receive the emergency signals returned from the WMP-60D Remote Decoders.
- Built in USB two-way audio decoder: execute music playback, broadcasting, recording, and intercommunication.
- Equipped 3 trigger contacts for connecting with external equipment such as music clock and other PA equipment.
- Equipped with 1 DC-12V trigger IN contact for the priority to fire alarm PA.
- Equipped with 1 DC-12V trigger OUT contact for the alarm bell.
- Equipped with N.O OUT connector to connect with power control units or amplifiers.

Product Specifications

Hardware Specifications

USB port	x 1
LAN	RJ45 x 1
Trigger OUT	x 1
Active OUT	Euro Terminal Block 2P x 1
Trigger IN	Euro Terminal Block 6P x 1
Active IN	Euro Terminal Block 4P x 1
Internal Line	Euro Terminal Block 2P x 1
External Line	RJ11 x 1
Audio IN	Euro Terminal Block 8P x 1
Control	RJ45 x 4
Audio OUT	Euro Terminal Block 3P x 1

Physical Properties

Dimensions (HWD)	40 x 485 x 225 mm
Weight	3Kg (adapter excluded)
Storage Temperature	-15°~ 55°C
Operating Temperature	0° ~ 40°C

Power Supply

External Power Supply	DC12V/3.3A
Voltage/Frequency	110/220V 50-60Hz
Power of Adapter	40W
Weight of Adapter	0.25Kg (power cord excluded)

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WMP-3051
Control Keyboard



- Intuitive control panel: all the actions and statuses can be clearly shown on the panel.
- Equipped with 70 keys for single-zone PA and 10 keys for group PA. The bottom of each key has a space for labeling to quickly recognize each zone's name.
- Each key is equipped with 3-color LED indicator (green / orange / red). Each color individually indicates the present operation status: 1) PA; 2) two-way intercom and emergency call; 3) door access.
- Equipped with LCD monitor for showing decoding / communicating signals, in-use telephone broadcasting, volume of WMP-3050 Multi-channel Audio Processor, and more settings.
- Built-in monitor speaker: as any emergency occurs, the administrator can monitor and hinder the suspect at the first time.
- Scalable with the second keyboard for more than 175 zones and 25 groups.

Product Specifications

Hardware Specifications

Gooseneck Mic Plug	5PIN x 1
Functional Button	All-zone PA x 1 Monitor x 1 Intercom x 1 All-clear x 1 Setting x 5
Extension Port	RJ-12 x 1
Connection with WMP-3050	RJ-12 x 1

Physical Properties

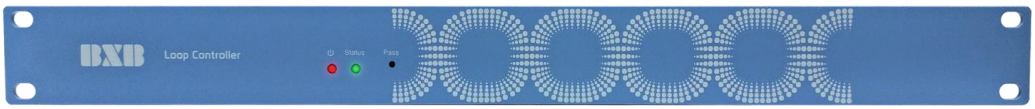
Dimensions (WHD)	490 x 80 x 300 mm
Weight	3.6Kg
Storage Temperature	-15°~ 55°C
Operating Temperature	0° ~ 40°C

Power Supply

External Power Supply	DC12V/3.3A
Voltage/Frequency	110/220V 50-60Hz
Power of Adapter	40W
Weight of Adapter	0.25Kg (power cord excluded)

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WMP-3052
Loop Controller



- Digital communication: interconnect all the remote decoders. For the system extension, just cut off the original cable and connect the new one. Rewiring is no more required.
- Equipped with 3-set AMP inputs and 3-set AMP outputs.
- Each loop for high-voltage audio source is affordable for 800W.
- The first and second loop are independently operated.
- Equipped with 1-set IN/OUT loop for outdoor speakers; no remote decoder required.
- BYPASS function: activate to open the channels of all the connected decoders.
- Equipped with a surge protection IC: as the controller is struck by lightening, just change the IC instantly to make the system operate normally.
- Equipped with AC 100V~230V universal power supply and overload protector.

Product Specifications

Hardware Specifications

Function Button	BYPASS x1
Control Port	RJ45 x 1
AMP IN	Euro Terminal Block 6P x 1
AMP OUT	Euro Terminal Block 6P x 3
Independent AMP OUT	Euro Terminal Block 2P x 1

Physical Properties

Dimensions (WHD)	483 x 44 x 104.5 mm
Weight	1.4Kg (adapter excluded)
Storage Temperature	-15°~ 55°C
Operating Temperature	0° ~ 40°C

Power Supply

External Power Supply	DC24V/5A
Voltage/Frequency	110/220V ; 50-60Hz
Power of Adapter	120W
Weight of Adapter	0.4Kg (power cord excluded)

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System Diagram



Monitor



LAN

WMP-3080
Central Control Unit

WSC-3000
Client Control Software



WMP-3050
Multi-channel
Audio Processor

WMP-3051
Control Keyboard

WMP-3052
Loop Controller



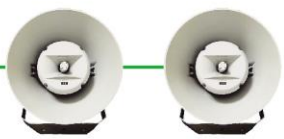
WMP-60D Remote Decoder



WS-817TL 6.5” x 2 Speaker



Amplifier



AWS-1230TM
12” Waterproof Music Horn Speaker

CAT.5e
CAT.6
Speaker Cable
HDMI
USB
RJ-12
WMP-7C