# SPA-1050

# Streaming Public Address Processor



## Product Features

- **Online Live Announcements**: Conduct real-time voice broadcasts via the WEB interface.
- **Scheduled Broadcasting**: The WEB interface features a built-in perpetual calendar for scheduling weekly recurring or specific-date broadcasts. The system ensures on-time automatic playback according to settings, so no announcements are missed.
- **Pre-recorded Audio Broadcasting:** Use a computer to pre-record broadcast content and schedule it for playback. Normal playback is maintained even if the network is disconnected.
- **Internet Radio Streaming:** Select online radio channels in real-time or set scheduled streams for use as background music.
- **TTS Text-to-Speech:** nput text messages, and the system automatically converts them into voice playback, saving staff recording time.
- **Flexible Audio File Selection:** Select desired audio files for playback and set custom intro (pre-roll) and outro (post-roll) chimes or alert tones.
- **Precise Zoning (48 Zones):** Paired with the BXB WMP-1206 Digital 12-Circuit Speaker Controller, the system easily manages up to 48 broadcast zones. This ensures messages are delivered only to designated areas, preventing unnecessary audio disruption and conserving energy. Ideal for rapid upgrades in existing buildings or environments with traditional wiring.

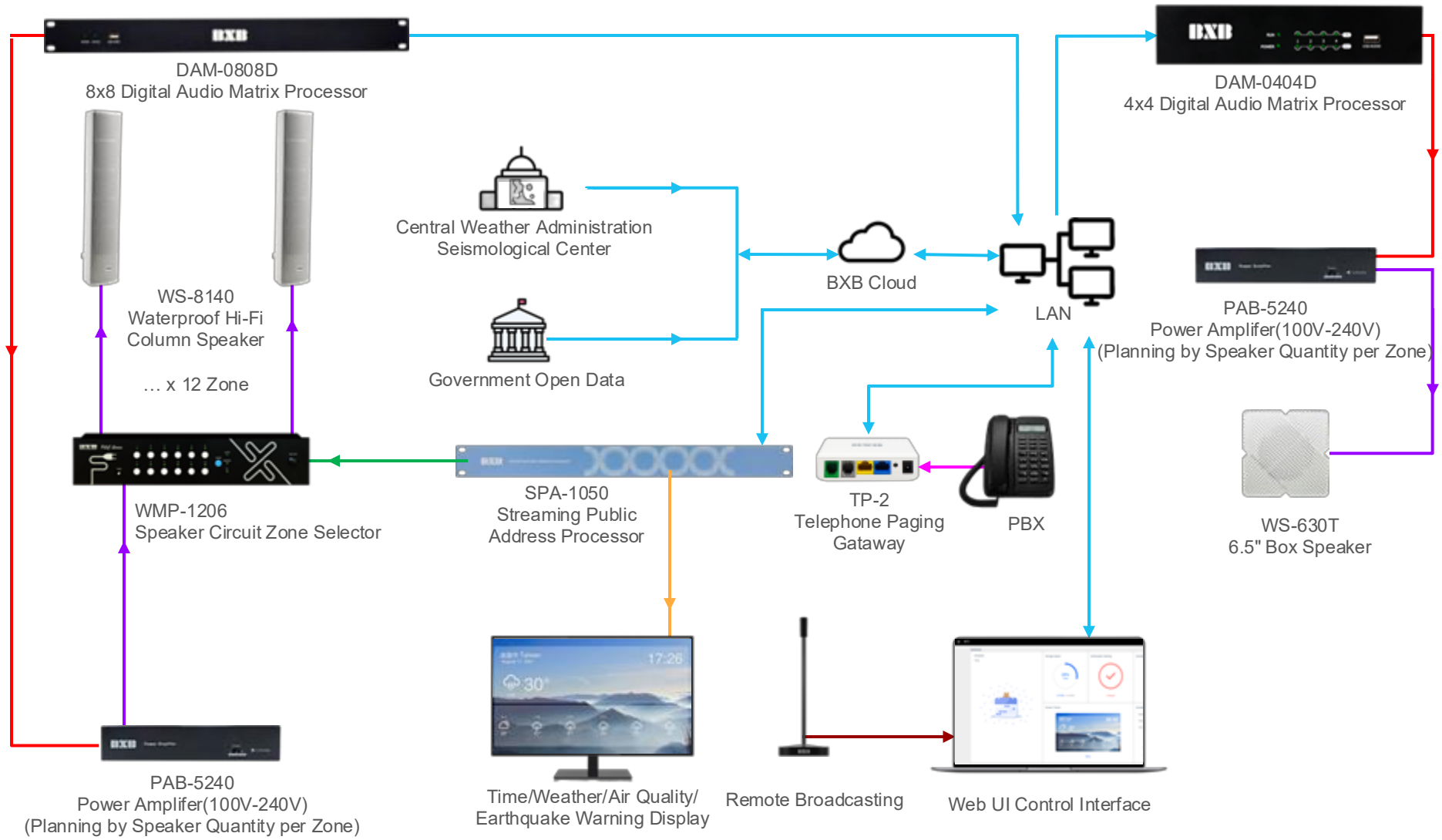
## Product Features

- **Flexible Network Broadcasting (16 Zones):** Supports the industry-standard Dante™ network audio protocol. When combined with DAM digital matrix mixers ( DAM-0404D , DAM-0808D , DAM-1616D ), it builds a broadcast system with up to 16 zones. This architecture significantly simplifies wiring, reduces installation costs, and offers maximum flexibility for future venue changes or expansions.
- **User Permission Management:** Allows for adding accounts, passwords, and setting role permissions, enabling effective account management.
- **Remote Broadcasting and Control:** All aforementioned broadcast functions can be easily operated remotely via the WEB interface. This eliminates the need for on-site personnel in a control room, achieving truly borderless broadcasting and control.
- **Public Information Visualization:**The HDMI output can simultaneously display information such as local time, weather, and air quality. You can also freely design the screen layout to create a customized display style.
- **Applicable Scenarios:** Ideal for small to medium-sized venues requiring zoned broadcasting and scheduled playback, such as government agencies, educational institutions, industrial campuses, and corporate enterprises.

| Product Specifications | |
|---|---|
| LAN | RJ45 TCP / IP x 1 |
| Audio Source (Select one) | 3.5mm Line OUT x 1<br>HDMI OUT x1 |
| N.O. Trigger | Trigger In x 1; Trigger Out x 1 |
| Video Output | HDMI OUT x 1 |
| WMP-1206 Connection | RS-232 x 1 |
| Storage | 5GB |

| Product Specifications | |
|---|---|
| Unit Size (WHD) | 483 x 44 x 105 mm |
| Weight | 1.15 Kg (power supply not included) |
| Cabinet 19” | 1U |
| External Power Supply | DC 5V-2A MAX |
| Voltage / Frequency | 110 / 220V |
| Total Power of Power Supply | 10W |

# System Diagram




CAT.6 HIGH-VOLTAGE CABLE AUDIO HDMI RS-232 USB RJ11


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