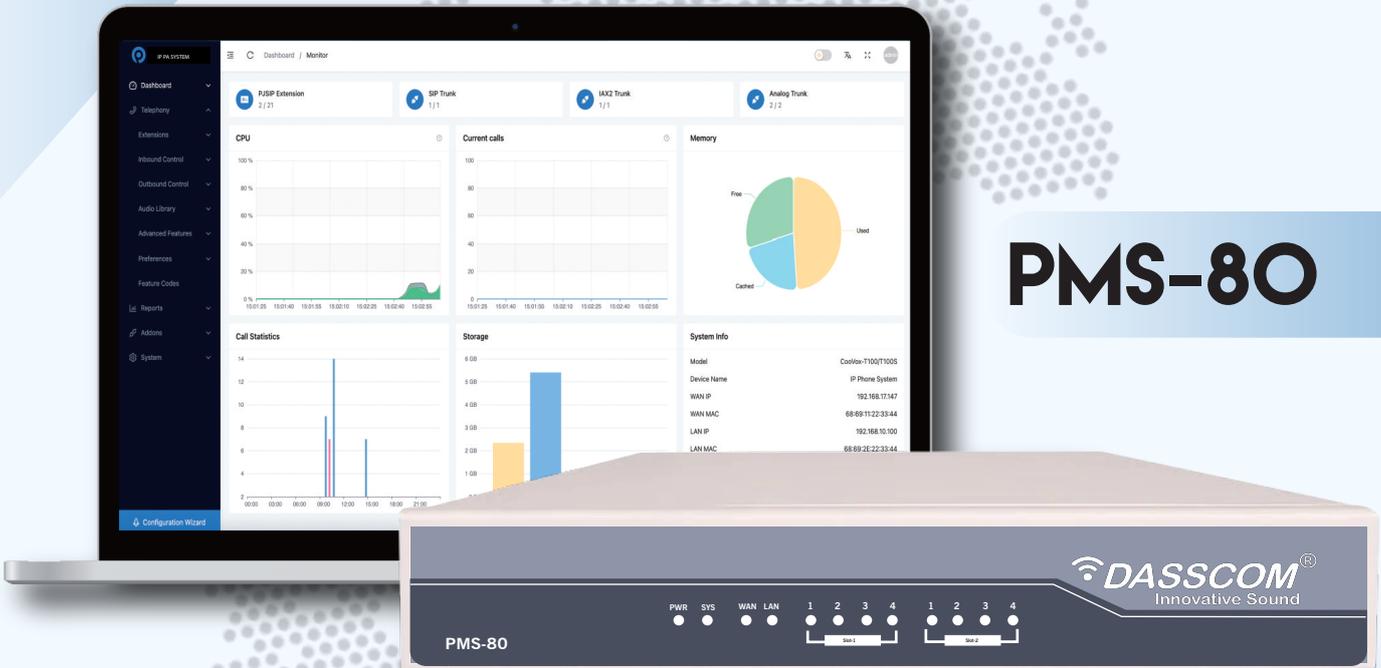


# IP PA SYSTEM

**PMS-80**



"Driving Productivity Through  
Unified Communication Solutions"

# PMS-80

PMS-80 is an easy-to-configure and delicate diminutive IP PA system for small and medium-sized enterprises worldwide. PMS-80 is well suited for small businesses with up to 80 speaker and meets all the needs of public address system. PMS-80 supports mixed networking of SIP speakers and VoIP phones. Equipped with the brand-new software 4.0 system, PMS-80 can provide users with more convenience in application and management.

## Feature Highlights

### Operator Panel

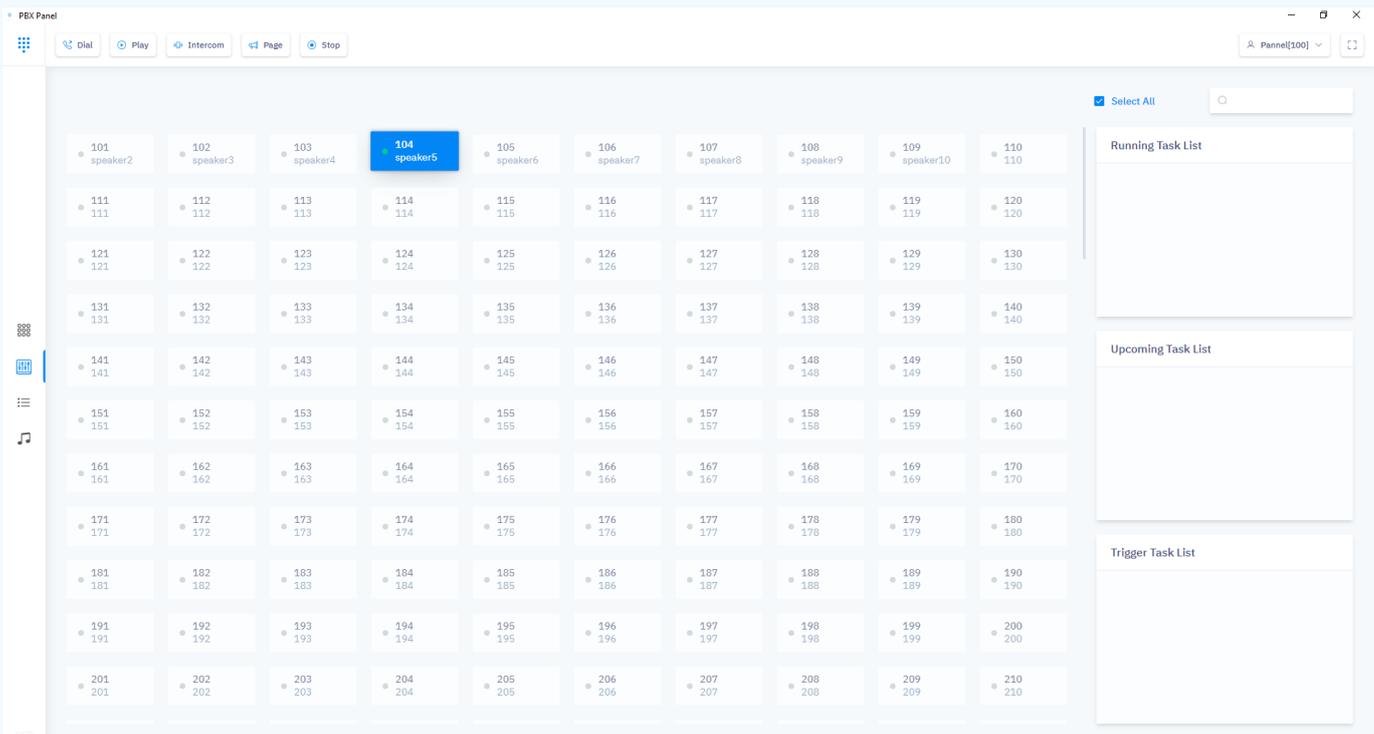
The Operator Panel is a comprehensive software specially designed for the PMS series of IP PA. By using the Operator Panel, users can achieve features such as live paging, emergency paging, high-quality background music, scheduled paging, scheduled music, etc.

### Remote Management System

The control center can manage each authorized IP PA in a unified manner through the remote management system, realizing remote switching off equipment, viewing real-time data, and collaborative user troubleshooting.

### 3rd Party Compatible

In addition to the built-in phone system functions, PMS-80 is also compatible with third-party SIP systems, including standard SIP endpoints, CRM systems, and collaboration tools to expand the existing IP voice communication function.



## Software Specifications

<b>PA Features</b>	<ul style="list-style-type: none"> <li>• PA Zone</li> <li>• Groups</li> <li>• Background Music</li> <li>• Task</li> <li>• Scheduling</li> <li>• Call Transfer</li> <li>• Call Waiting</li> <li>• Speed Dial</li> <li>• IVR (Multi-layer)</li> <li>• Voicemail</li> <li>• Wakeup Call</li> <li>• Do Not Disturb</li> <li>• Time Conditions</li> <li>• Paging &amp; Intercom</li> <li>• Caller ID</li> <li>• Video Call</li> <li>• Conference Call</li> </ul>
<b>Protocols &amp; Codecs</b>	<ul style="list-style-type: none"> <li>• SIP(RFC3261), IAX2</li> <li>• DTMF(RFC4733, SIPINFO,In-Band)</li> <li>• Transport Protocols:UDP,TCP,TLS,SRTP</li> <li>• Network Protocols:IPv4, IPv6, VLAN, DHCP, PPPoE, DDNS, NTP, SNTP, TFTP, SSH, HTTPS, LDAP</li> <li>• Video Codecs:VP8,H.264,H.263+,H.263,H.261</li> <li>• Audio Codecs:Opus, G.722, G.711(α-law,u-law), G.729, G.726, GSM, SPEEX,AMR,AMR-WB</li> </ul>
<b>System Capacity</b>	<ul style="list-style-type: none"> <li>• 80 Users</li> <li>• 80 Zone Announcement</li> <li>• 400 hrs Recording (Internal Storage)</li> <li>• Unlimited SIP/IMS Trunks (Max)</li> <li>• 1TB USB Expansion Storage</li> <li>• Maximum 30 Paging Groups</li> </ul>
<b>Feature Highlights</b>	<ul style="list-style-type: none"> <li>• IP Phone Auto Provisioning (PNP &amp; Quick Register Code)</li> <li>• SIP Proxy (NAT Traversal)</li> <li>• Open API Interface for Seconda Development to Connect with 3rd Systems</li> <li>• Multilingual Interface: Simplified Chinese, Traditional Chinese, English, Spanish, Czech, Korean</li> <li>• Multilingual System Voice: Chinese, English, Spanish, French and other 24 languages</li> </ul>
<b>Multi-level User Administration</b>	<ul style="list-style-type: none"> <li>• Admin user: All Privileges</li> <li>• Operator user: Extensions, , CDR, recordings, etc.</li> <li>• Operator panel user</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>• Firewall based on iptables</li> <li>• Geo-IP (Security policy based on IP address geographical locations)</li> <li>• Intrusion auto detection and prevention</li> <li>• IP Black/White List</li> <li>• Extension Permit IP</li> <li>• Data Backup and Recovery</li> </ul>
<b>Network Features</b>	<ul style="list-style-type: none"> <li>• Network (WAN): Static IP, DHCP, PPPoE</li> <li>• VPN: PPTP, OpenVPN,</li> <li>• Static Routing</li> <li>• DHCP Server</li> <li>• VLAN (WAN&amp;LAN Interface)</li> <li>• Virtual IP</li> <li>• SIP Proxy (NAT Traversal)</li> </ul>

### Application Scenarios



Restaurant



Venue



Retail Store



Mine



Financial Institution



Factory



Warehouse



National Park

### Hardware Specifications

	Specifications
CPU	ARM 4 Core
RAM	1GB
Storage (SD Card)	8G SD Card (Industrial grade)
USB (Extended Storage Supported)	1 Port (File system format : FAT16, FAT32, EXTFAT, NTFS, EXT3, EXT4)
Ethernet Interface	WAN, LAN (10/100Mbps)
Console Port	1 Port (Rate 115200)
Reset Key	Support
Power	DC 12V-1A