DASSCOM®
Innovative Sound

IP PA SYSTEM

PMS-50

"Driving Productivity Through
Unified Communication Solutions"

MADE IN INDIA

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PMS-50

PMS-50 is an easy-to-configure and delicate diminutive IP PA system for small and medium-sized enterprises worldwide. PMS-50 is well suited for small businesses with up to 50 speaker and meets all the needs of public address system. PMS-50 supports mixed networking of SIP speakers and VoIP phones. Equipped with the brand-new software 4.0 system, PMS-50 can provide users with more convenience in application and management.

Feature Highlights

Operator Panel

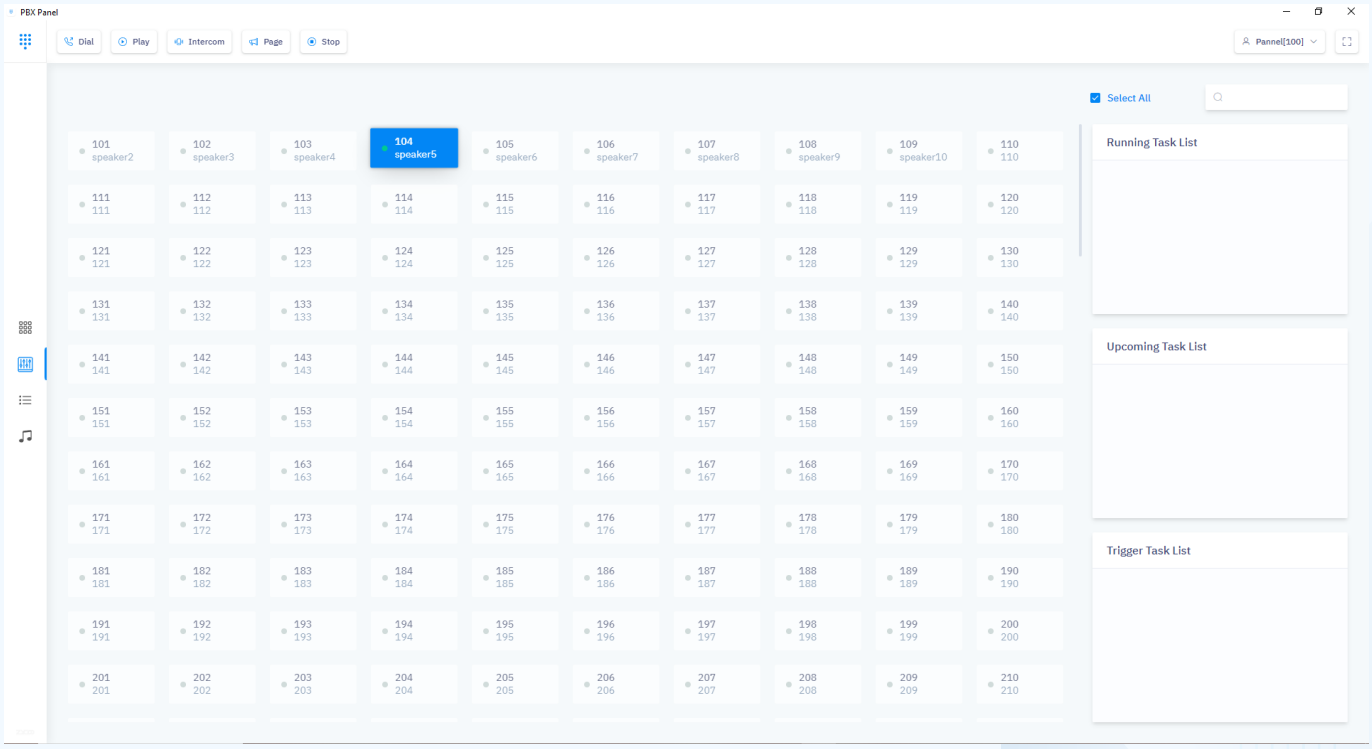
The Operator Panel is a comprehensive software specially designed for the PMS series of IP PA. By using the Operator Panel, users can achieve features such as live paging, emergency paging, high-quality background music, scheduled paging, scheduled music, etc.

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-50 is also compatible with third-party SIP systems, including standard SIP endpoints, CRM systems, and collaboration tools to expand the existing IP voice communication funtion



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Software Specifications

PA Features	• PA Zone • Groups • Background Music • Task • Scheduling • Call Transfer • Call Waiting • Speed Dial • IVR (Multi-layer • Voicemail • Wakeup Call • Do Not Disturb • Time Conditions • Paging & Intercom • Caller ID • Video Call • Conference Call
Protocols & Codecs	• SIP(RFC3261), IAX2 • DTMF(RFC4733, SIPINFO,In-Band) • Transport Protocols:UDP,TCP,TLS,SRTP • Network Protocols:IPv4, IPv6, VLAN, DHCP, PPPoE, DDNS, NTP, SNTP, TFTP, SSH, HTTPS, LDAP • Video Codecs:VP8,H.264,H.263+,H.263,H.261 • Audio Codecs:Opus, G.722, G.711(a-law,u-law), G.729, G.726, GSM, SPEEX,AMR,AMR-WB
System Capacity	• 50 Users • 50 Zone Announcement • 400 hrs Recording (Internal Storage) • Unlimited SIP/IMS Trunks (Max) • 1TB USB Expansion Storage • Maximum 30 Paging Groups
Feature Highlights	• IP Phone Auto Provisioning (PNP & Quick Register Code) • SIP Proxy (NAT Traversal) • Open API Interface for Seconda Development to Connect with 3rd Systems • Multilingual Interface: Simplifed Chinese, Traditional Chinese, English, Spanish, Czech, Korean • Multilingual System Voice: Chinese, English, Spanish, French and other 24 languages
Multi-level User Administration	• Admin user: All Privileges • Operator user: Extensions, , CDR, recordings, etc. • Operator panel user
Security	• Firewall based on iptables • Geo-IP (Security policy based on IP address geographical locations) • Intrusion auto detection and prevention • IP Black/White List • Extension Permit IP • Data Backup and Recovery
Network Features	• Network (WAN): Static IP, DHCP, PPPoE • VPN：PPTP, OpenVPN, • Static Routing • DHCP Server • VLAN (WAN&LAN Interface) • Virtual IP • SIP Proxy (NAT Traversal)

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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

RoHS CE FC