Compact Size SIP Paging Terminal Solution



AddPac Technology

Sales and Marketing

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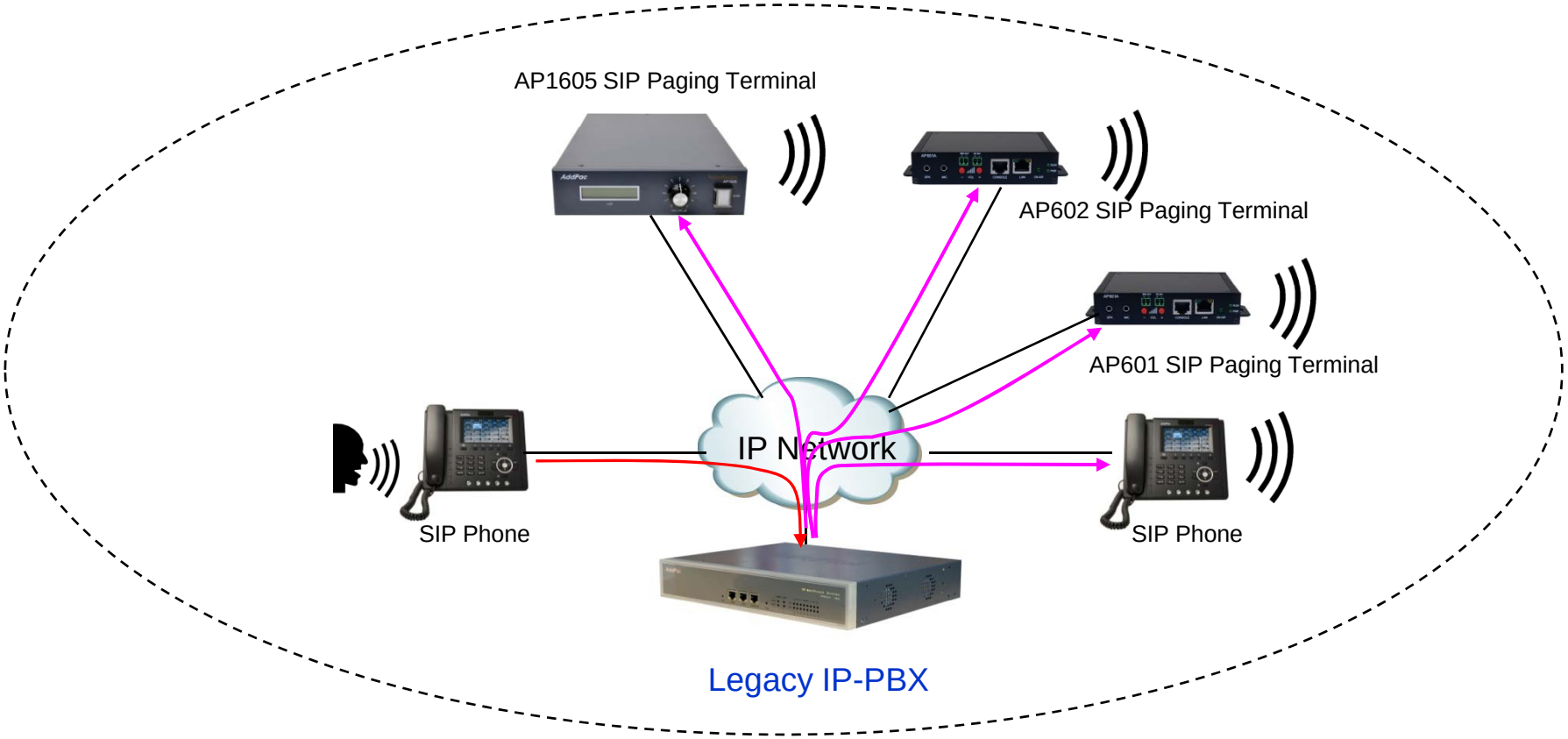
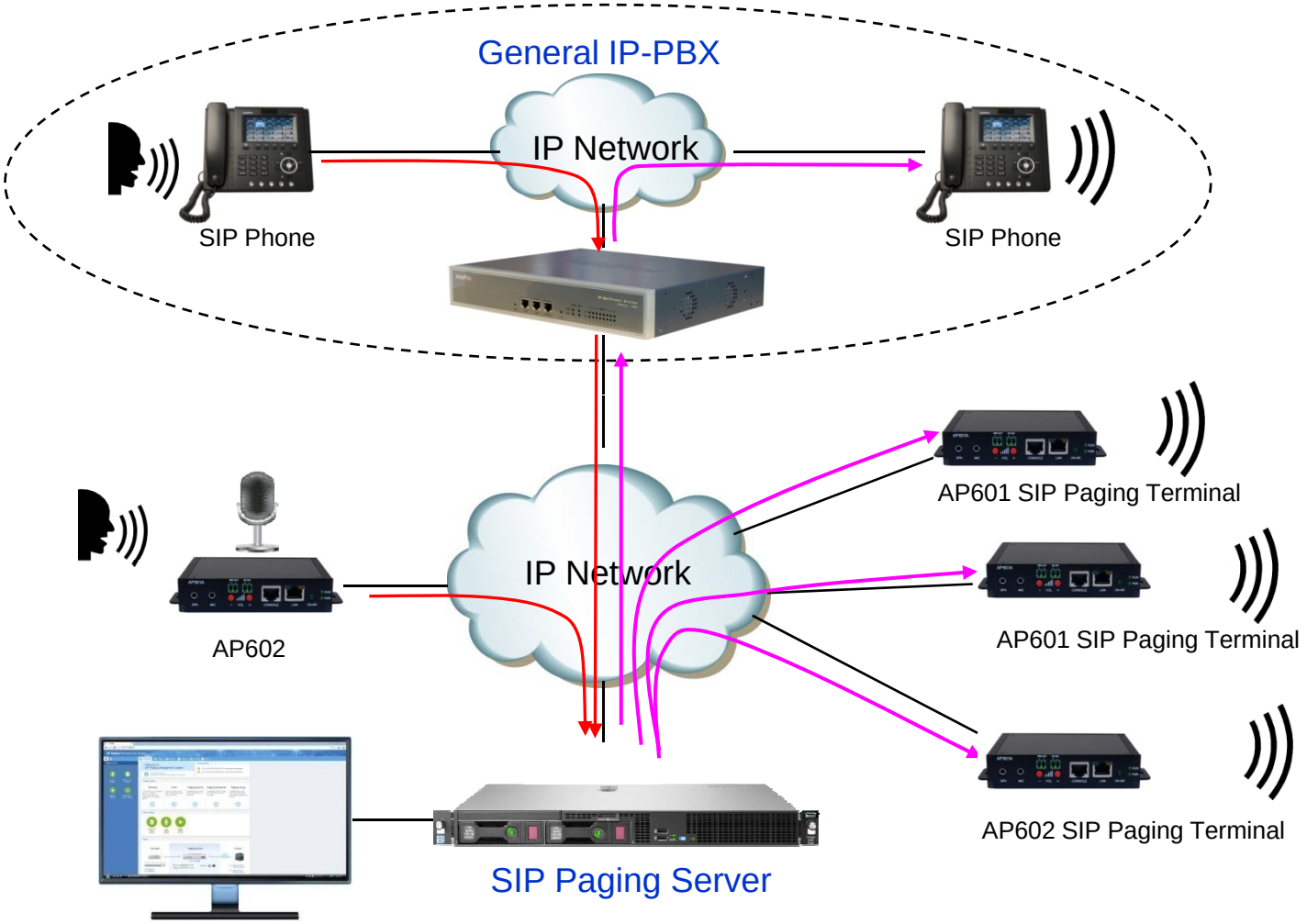
  - SIP Paging Management Software : AP-SPMS

SIP Paging Call Service Network Diagram

- Legacy IP-PBX Service Mode (Simple Service)



SIP Paging Call Service Network Diagram
- IP-PBX Clone Service Mode (Advanced Service)



AP-SPMS : SIP Paging Management Software

SIP Paging Product Solution

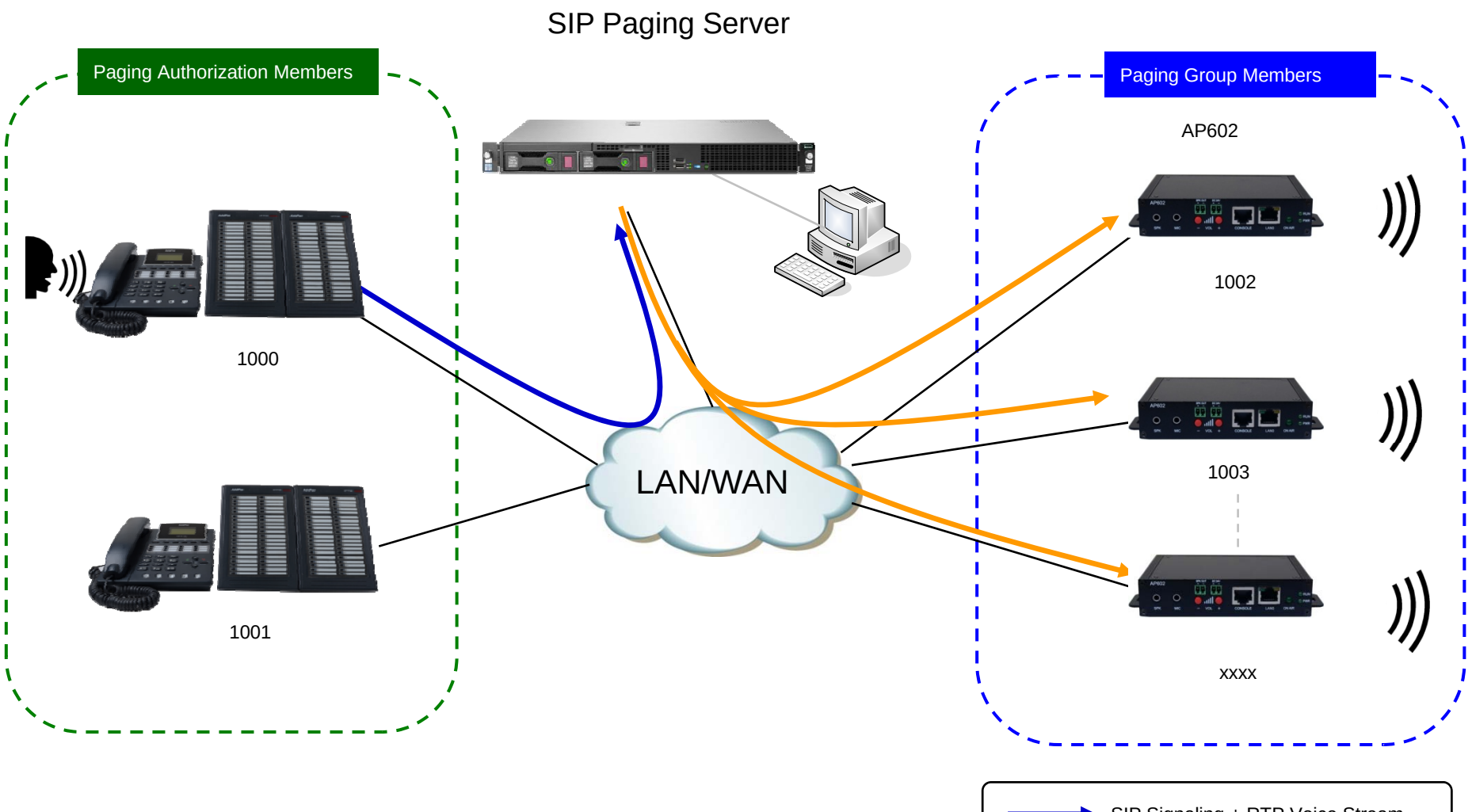
SIP Paging Management S/W	SIP Paging Servers	SIP Paging Terminals	SIP Phone for Paging Service
 AP-SPMS	 AP-SPS10000	 AP601	 AP-IP300 + AP-PT20x2
	 AP-SPS600	 A602	 AP-IP120 + AP-PT20x2

SIP Paging Terminals

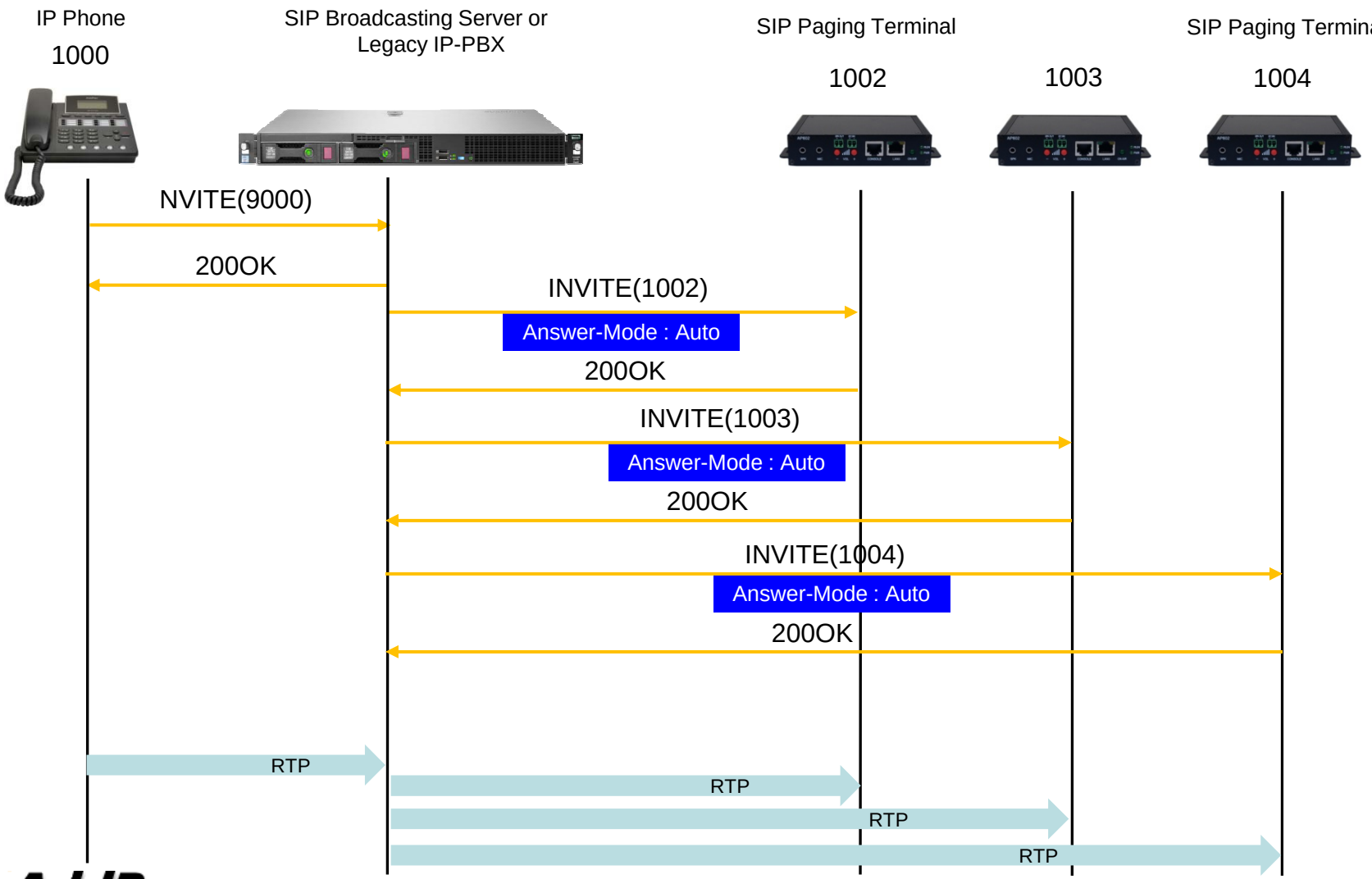
Comparison Table

	AP601	AP602
		
VoIP Paging Protocol	SIP, Proprietary Protocol	SIP, Proprietary Protocol
VoIP Codecs	G.722(16Khz),G.711,G.726,G.729A,etc	G.722(16Khz),G.711,G.726,G.729A,etc
Built-in AMP. (Option)	40watt at 8ohm (Terminal Block, SPK+-Connector)	40watt at 8ohm (Terminal Block, SPK+-Connector)
LAN Port	One(1) 10/100Mbps Fast Ethernet (1 x RJ45)	Two(2) 10/100Mbps Fast Ethernet (2 x RJ45)
Volume Control	UP, DOWN Button	UP, DOWN Button
ON-AIR LED	Support	Support
Audio Interface	3.5mm SPK Output, MIC. Input	3.5mm SPK Output, MIC. Input
RS232C Port	Support	Support
I/O Interface	N/A	Alarm Input 1Port, Relay Output 2Port
I2C Interface	N/A	Support

SIP Broadcasting Network Diagram



Paging Group Signaling Flow



AP601

SIP Paging Terminal



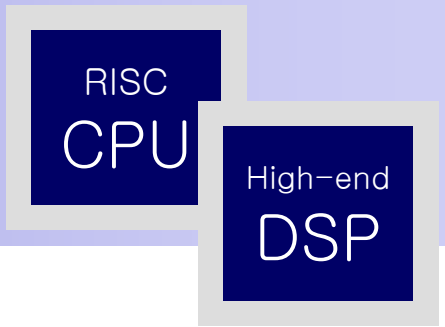
Product Overview

AP601 SIP Paging Terminal

- SIP based Voice Broadcasting Terminal Solution
- Hardware Architecture for Voice Broadcasting Terminal Service
- Remote Broadcasting Service at terminal side
- High Quality Voice Codec Support (G.722(16KHz), G.711, G.726, G.729A, etc)
- RTP/UDP Protocol Support
- Unicast and Multicast Broadcasting Scheme
- SPMS (SIP Paging Management Software) Support
- One(1) channel SPK/MIC Port
- Volume Control Button Support (Up, Down)
- Option (AP601A) : AMP. Built-in, 40watt
- High-Quality Audio/Voice Service
- Firmware Upgradeable Architecture
- Broadcasting Solution with Outstanding Network Service Capability
- External Power Supply

Hardware Specification

AP601 SIP Paging Terminal



- RISC Microprocessor Computing Power
- High-end Programmable DSP Hardware Architecture
- High Quality Audio Encoding/Decoding Service
- One(1) 10/100Mbps Fast Ethernet (RJ45)
- One(1) RS-232C Interface (RJ45)
- SPK/MIC Audio Interface Support
- Volume Control Button Support (Up, Down)
- External Power Supply Support
- Option : 30Watt Digital AMP. Built-in (AP601A)

Hardware Specification

AP601 SIP Paging Terminal

RISC CPU

High-end DSP

Front Side



Speaker Out

MIC Input

Speaker Volume Control Button (Up, Down)

RS232C Console

Fast Ethernet (LAN)

ON-AIR LED

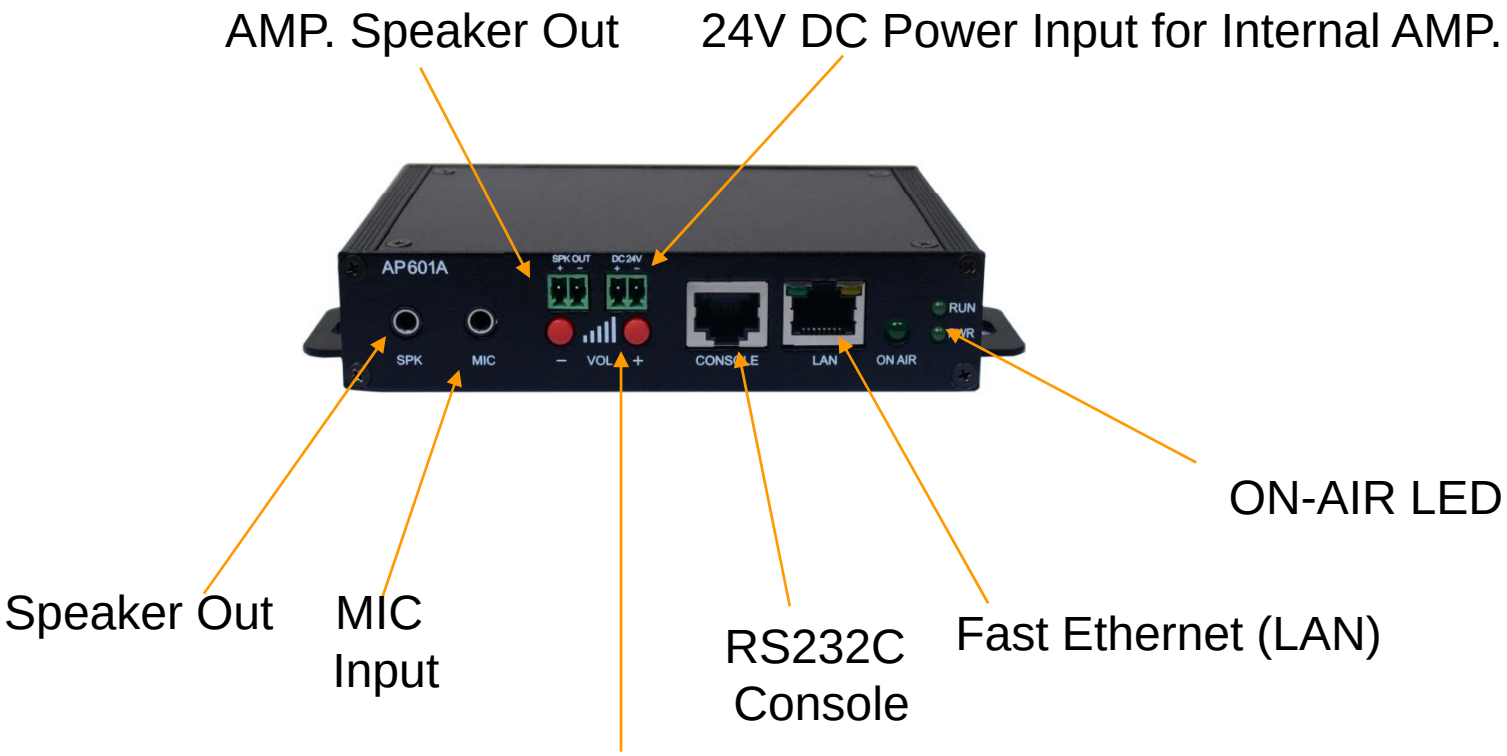
Hardware Specification

AP601 SIP Paging Terminal

RISC CPU

High-end DSP

Front Side
(AMP. Built-In Model : AP601A)



Hardware Specification

AP601 SIP Paging Terminal

RISC CPU

High-end DSP

Back Side



External Power Supply Adaptor

Power Switch

AP602

SIP Paging Terminal



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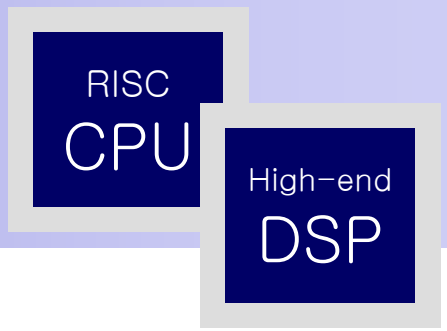
Product Overview

AP602 SIP VoIP Paging Terminal

- SIP based Voice Broadcasting Terminal Solution
- Hardware Architecture for Voice Broadcasting Terminal Service
- Remote Broadcasting Service at terminal side
- High Quality Voice Codec Support (G.722(16KHz), G.711, G.726, G.729A, etc)
- RTP/UDP Protocol Support
- Unicast and Multicast Broadcasting Scheme
- SPMS (SIP Paging Management Software) Support
- One(1) MIC Port 3.5mm Connector, One(1) SPK Port : 3.5mm Connector
- Volume Control Button Support (Up, Down)
- Option (AP602 : Model A) : AMP. Built-in, Terminal SPK Port
- Two(2) 10/100Mbps Fast Ethernet LAN Port
- High-Quality Audio/Voice Service
- Firmware Upgradeable Architecture
- Broadcasting Solution with Outstanding Network Service Capability
- External Power Supply

Hardware Specification

AP602 SIP VoIP Paging Terminal



- RISC Microprocessor Computing Power
- High-end Programmable DSP Hardware Architecture
- High Quality Audio Encoding/Decoding Service
- Two(2) 10/100Mbps Fast Ethernet (RJ45)
- One(1) RS-232C Interface (RJ45)
- SPK/MIC Audio Interface Support
- Volume Control Button Support (Up, Down)
- External Power Supply Support
- Option : 40Watt Digital AMP. Built-in (AP602 : Model A)
- Option : I/O Interface (Alarm Input 1Port, Relay Output 2Port, I2C Interface)

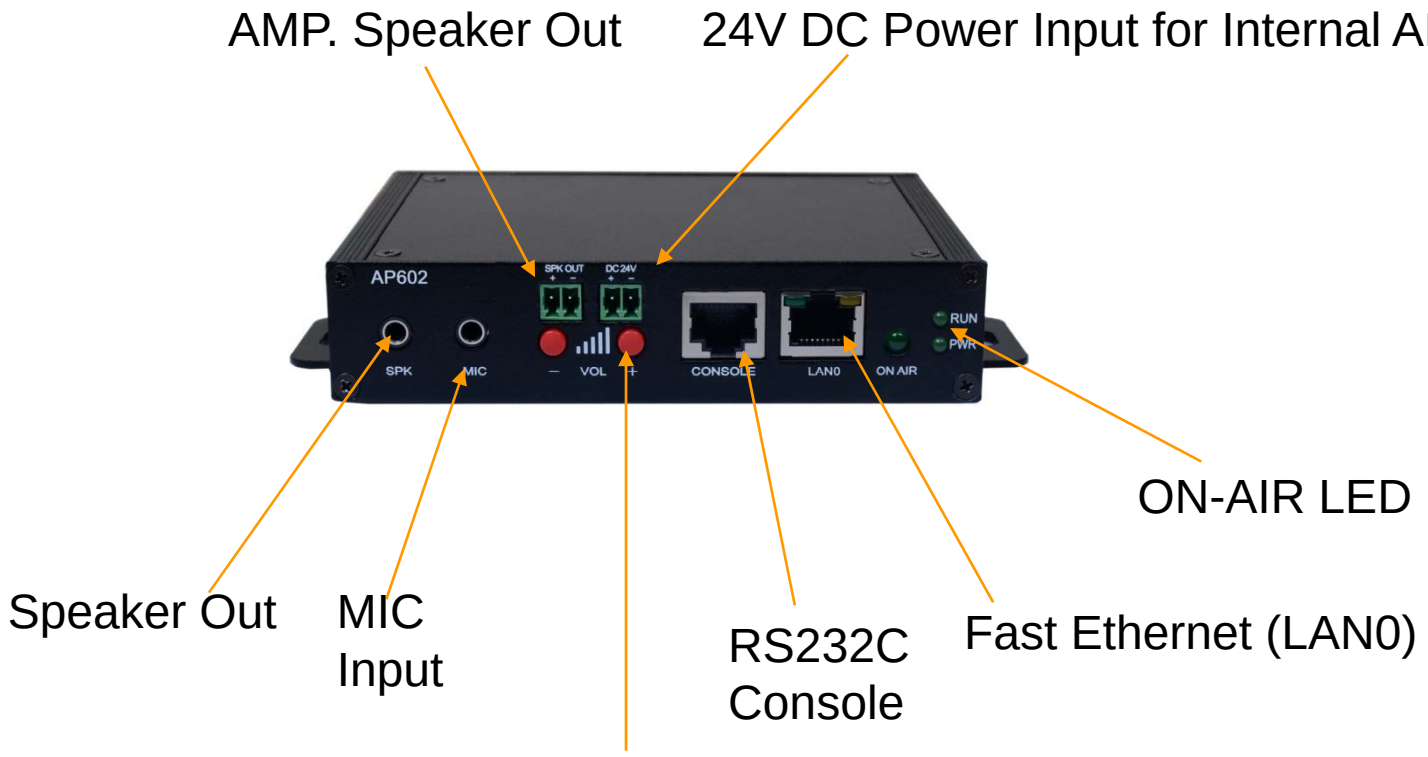
Hardware Specification

AP602 SIP VoIP Paging Terminal

RISC CPU

High-end DSP

Front Side
(AMP. Built-In Model : AP602 : Model A)



Hardware Specification

AP602 SIP VoIP Paging Terminal

RISC CPU

High-end DSP

Back Side

Alarm 1Port, Relay Out 2Port, I2C Interface



External Power Supply Adaptor

Power Switch

Fast Ethernet (LAN1)

Thank you!

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