



# AP2610 VoIP Gateway

High Performance VoIP Gateway Solution

Hot-Line VoIP Intercom  
Solution using AP-AUDIO2  
Module



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Sales and Marketing

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# Product Overview

## AP2610 4-Port VoIP Gateway

- H.323/SIP Dual Concurrent VoIP Signaling Stack Embedded
- High Performance RISC & Programmable DSP Architecture
- Two(2) 10/100Mbps Fast Ethernet (IP Share ,etc)
- High Performance LAN-to-LAN Routing Capability
- G.711/G.726/G.723/G.729, T.38 Fax , VAD, etc
- Powerful Network Protocols (PPPoE, DHCP, Static Routing, etc)
- Firmware Upgradeable Architecture
- AP-SNMS(Smart Network Management System) for Large Scale Deployment
- Advanced Voice QoS Mechanism
- Light and Compact Design with Internal Power Supply
- One(1) VoIP Module Slots

# Hardware Specification

AP2610 4-Port Analog VoIP Gateway

RISC  
CPU

High-end  
DSP

- **RISC Microprocessor Computing Power**
- **Up to 4 Port Analog VoIP Gateway**
- **One(1) VoIP Module Slots**
  - AP-AUDIO2 Card, 4-Port FXS Card, 4-Port FXO Card, 2-Port FXS 2-Port FXO Card, etc
- **Network Interface**
  - Two(2) 10/100Mbps Fast Ethernet (RJ45)
- **RS232C Console Interface**
- **Run LED, LAN LED, Port LEDs**
- **Internal Power Supply**

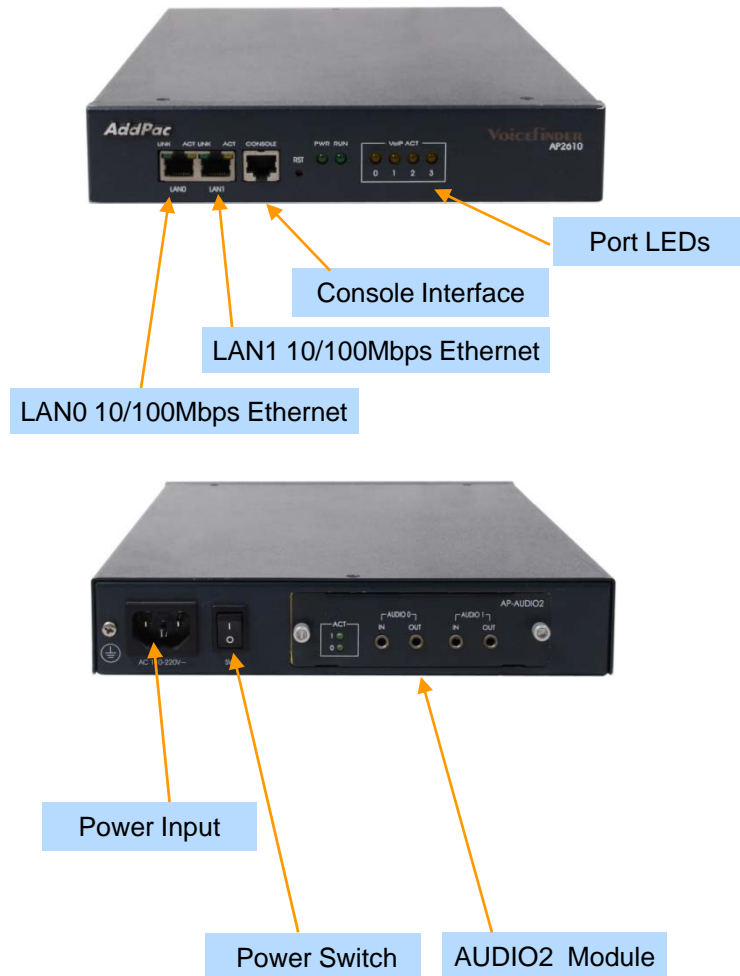
# Hardware Specification

## AP2610 4-Port Analog VoIP Gateway

### Hardware Specifications

AP2610 VoIP Series	Basic Specifications
<b>Voice Interface</b>	One(1) VoIP Module Slot AP-AUDIO2, AP-FXS4, AP-FXO4, AP-FXS2O2, etc
<b>Ethernet Interface</b>	2-Ports 10/100Mbps Ethernet Interface(RJ-45)
<b>Flash Memory</b>	4Mbyte High-speed Flash Memory
<b>Base Memory</b>	32 Mbyte High-speed SDRAM
<b>Power Requirement</b>	Power Supply Adaptor / VAC 110~220V, 50/60Hz, 25Watt
<b>Operating Temperature</b>	0°C ~ 45°C (32 °F ~ 122°F)
<b>Storage Temperature</b>	-40°C ~ 85°C (-40°C ~ 185°F)
<b>Relative Humidity</b>	5% ~ 95% (Non-condensing)
<b>Dimensions (H x W x D)</b>	43 x 222 x 332(mm)

### Network interface Configurations






# VoIP Modules



Target :  
AP2610, AP2620, AP1700

# New VoIP Modules

DSP

Target	Voice Modules	Module Features	Module Picture
AP2610	AP-AUDIO2	VoIP Audio Module : 2-Pair Audio-In/Out Ports Voice Band IP Broadcasting	





# AP-MA100

Acoustic Echo Cancellor Micro Phone Adaptor

# Product Overview

## AP-MA100 AEC Microphone Adaptor

- Acoustic Echo Canceller Micro Phone Adaptor Solution for Video Conference
- Wide band(16bits, 16kHz sampling) operation
- Support CNG(comport noise generation) to generate white noise
- Support double talk
- Noise reduction algorithm
- Support HDMI speaker mode & analog speaker mode
- S/W upgrade by y-modem protocol via RS232C
- Support CLI(Command Line Interface) to configure AEC parameters
- Mute button
- Compact Design & Still Chassis
- Phantom +48V Supply On/Off Control
- Various MIC Input Interface Support
- Power On/Off Switch

# Hardware Specification

## AP-MA100 AEC Microphone Adaptor

- DSP based Acoustic Echo Canceller Hardware Architecture
- Audio Mute Button Support
- Status LED (Mute)
- RS232C based Firmware Upgrade Architecture
- Compact Design & Still Chassis
- Power On/Off Switch
- Phantom +48V On/Off Switch
- Three(3) Type MIC Input Interface



# Hardware Specification

AP-MA100 AEC Microphone Adaptor

## Back Side



Audio Out & Power In Connector

Power On/Off Switch

## Front Side



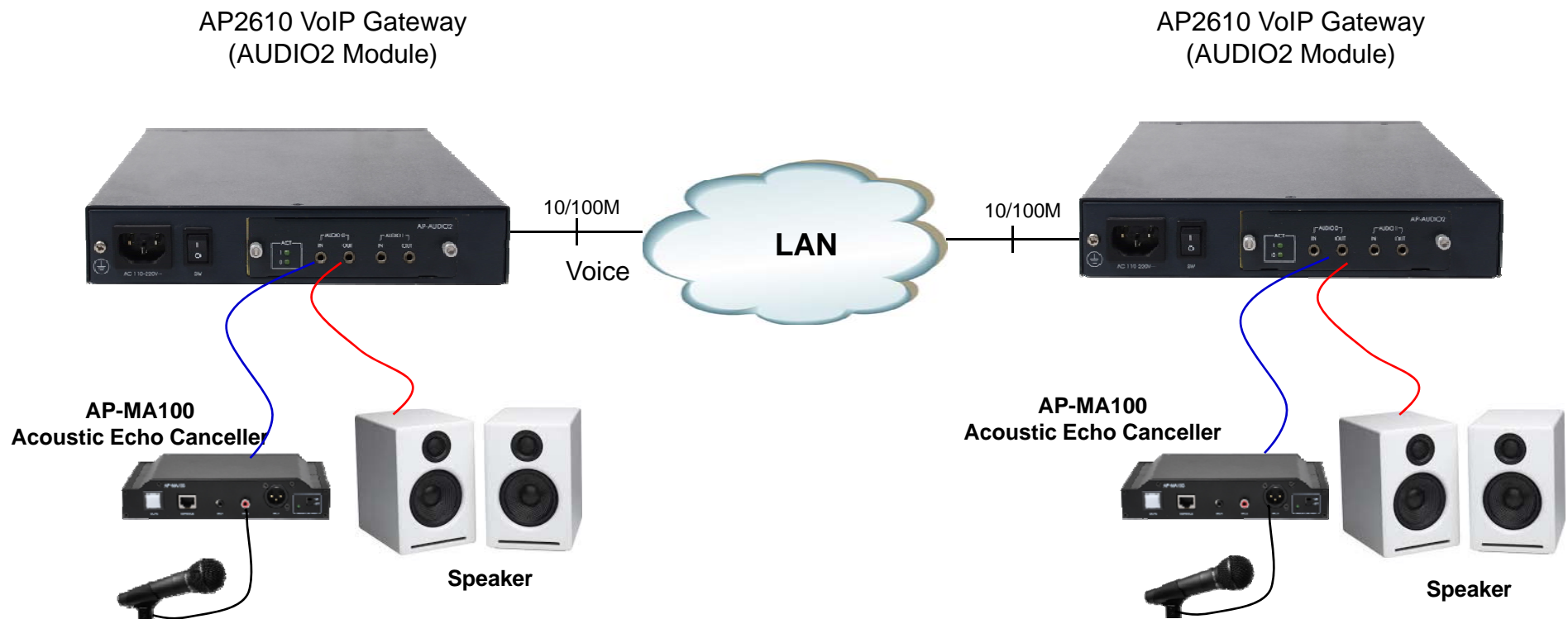
Audio Mute Button & LAMP

RS232C Port for Firmware Upgrade

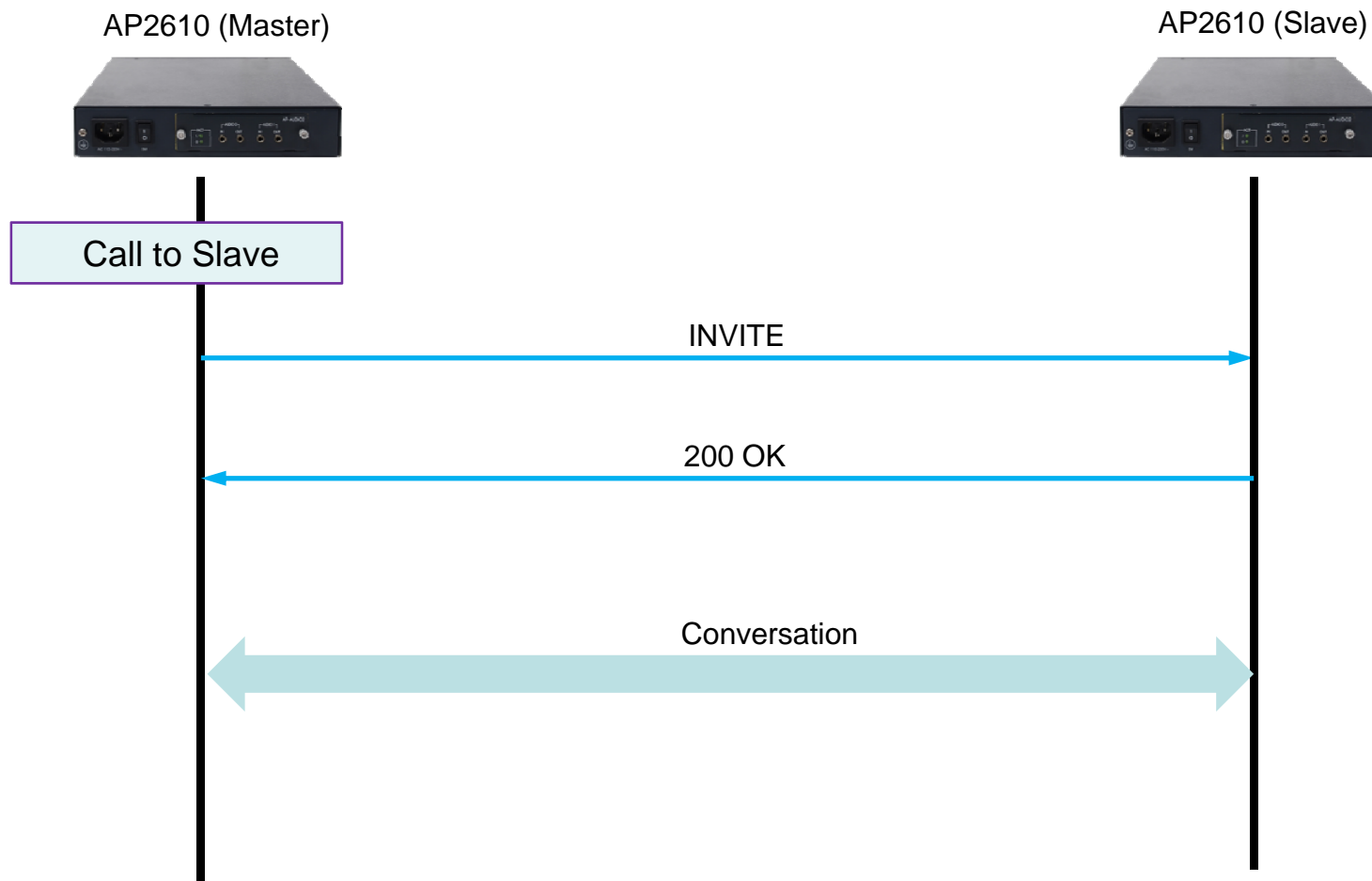
MIC Interface

Phantom +48V Interface

# Network Service Diagram (Voice Path)



# SIP VoIP Signaling for Call Connection





# Thank you!

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