AP-IP100™
BcN IP Phone
High Performance Broadband Convergence Network
IP Phone Solution

Audio Real-time Broadcasting Application

AddPac Technology
2007, Sales and Marketing

www.addpac.com
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**AP-IP100 H/W Specification**

- **RISC+DSP Microprocessor Computing Power**  
  (Dual Processor Architecture)
- **Optional FXO Interface for PSTN Backup : AP-IP100E**
- **Optional FXS Interface for FAX, Phone : AP-IP100B**
- **Internal High Quality Speaker** and **MIC**
- **High quality Audio and Voice Interface**  
  – Stereo Audio Input Connector  
  – Stereo Audio Output Connector
- **Network Interface**  
  – Two(2) 10/100Mbps Fast Ethernet
- **LCD Window : 66.54mm x 33.26mm(Active Area)**  
  Graphic LCD
- **Power Supply**  
  – External Power Adaptor (5V, 2A)
Broadcasting Service and Features

- **Built-In Speaker for Personal User**
- **High-performance Audio & Voice Codec Support**
  - G.711, G.726, G.723, G.729 Codec, Optional G.722.2 Wideband Codec
- **Multicast and UniCast Broadcasting Scheme**
  - IGMP Protocol Support for Multicasting
  - Emergency and Normal Broadcasting Message
- **Built-In Internal SPEAKER and External AMP. SPEAKER**
  - Relay Port (PSB) Support for External AMP
- **Remote Volume Control**
- **Robust QoS for Broadcasting and VoIP Traffic**
IP based Audio Real-time Broadcasting

Audio Broadcasting Service via Multicasting IP Network

AddPac AP3120 Broadcasting Server

IGMP Router

Multicast Enabled

LAN 10/100M

Audio Input

Audio Line Out

AMP. SPEAKER

Internal SPEAKER

AP-IP100

Internal SPEAKER

AP-IP100

AP-IP100

AP-IP100

AP-IP100

AMP. SPEAKER

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IP based Audio Real-time Broadcasting

Audio Broadcasting Service via **Unicasting** IP Network

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Remote IP Audio Real-time Broadcasting

Remote Site Audio Broadcasting Service

Audio Broadcasting in HQ or Center

AP-VP300 Remote Broadcasting Application

Audio Broadcasting in Remote Site

AP-MBMS Multimedia Broadcasting Management System

LAN 10/100M

Audio Input

[IP Network]

External AMP. SPEAKER

AP-IP100

Internal SPEAKER

AP-VP300 Remote Broadcasting Application

AP-IP100

Audio Line Out

Internal SPEAKER

External AMP. SPEAKER

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AddPac
AP3120 Broadcasting Server
AddPac
AP-MBMS
Multimedia Broadcasting Management System

LAN 10/100M

Audio Input

WAN Router

E1/T1, FXO

PBX

VoIP Gateway

LAN

Internal SPEAKER

IPNext500
IP-PBX

Internal SPEAKER

VoIP Gateway

AP-IP100

AP-IP100

AP-IP100

Multimedia Broadcasting Management System

LAN 10/100M

Audio Input

WAN Router

E1/T1, FXO

PBX

VoIP Gateway

LAN

Internal SPEAKER

VoIP Gateway

AP-IP100

AP-IP100

AP-IP100

Multimedia Broadcasting Management System

LAN 10/100M

Audio Input
Thank you!

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