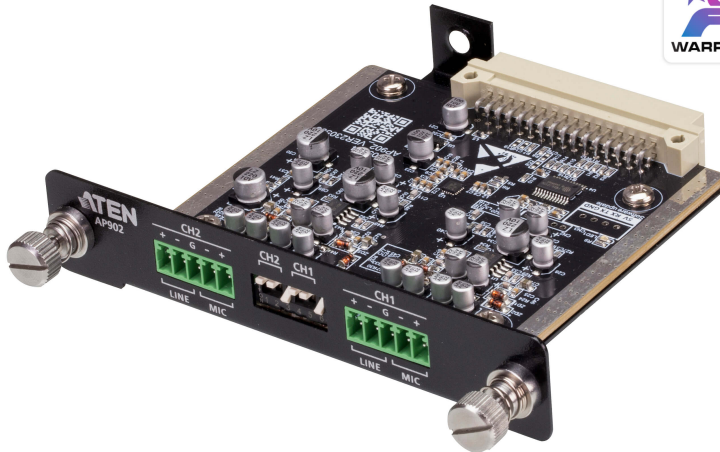


## AP902

2-CH Mic/Line Pre-AMP Expansion Card for AP Series



Dedicated for use with ATEN's AP DSP Power Amplifier series, the AP902 is a plug-in expansion card providing the AP amplifiers with dual-channel inputs. It is capable of handling balanced / unbalanced audio signals ranging from mic level to line level, making it easier to combine the amplifiers with sources coming from mixers, media players, or other audio equipment utilized in pro-level live sound applications, enhancing audio system flexibility and versatility. The preamp's circuitry is designed to lower the noise floor and improve the dynamic range to assure superior audio reproduction for the two extra microphone inputs it adds to the AP2 power amplifier series, making it a perfect solution for sound reinforcement applications such as paging systems and lecture halls.

### Features

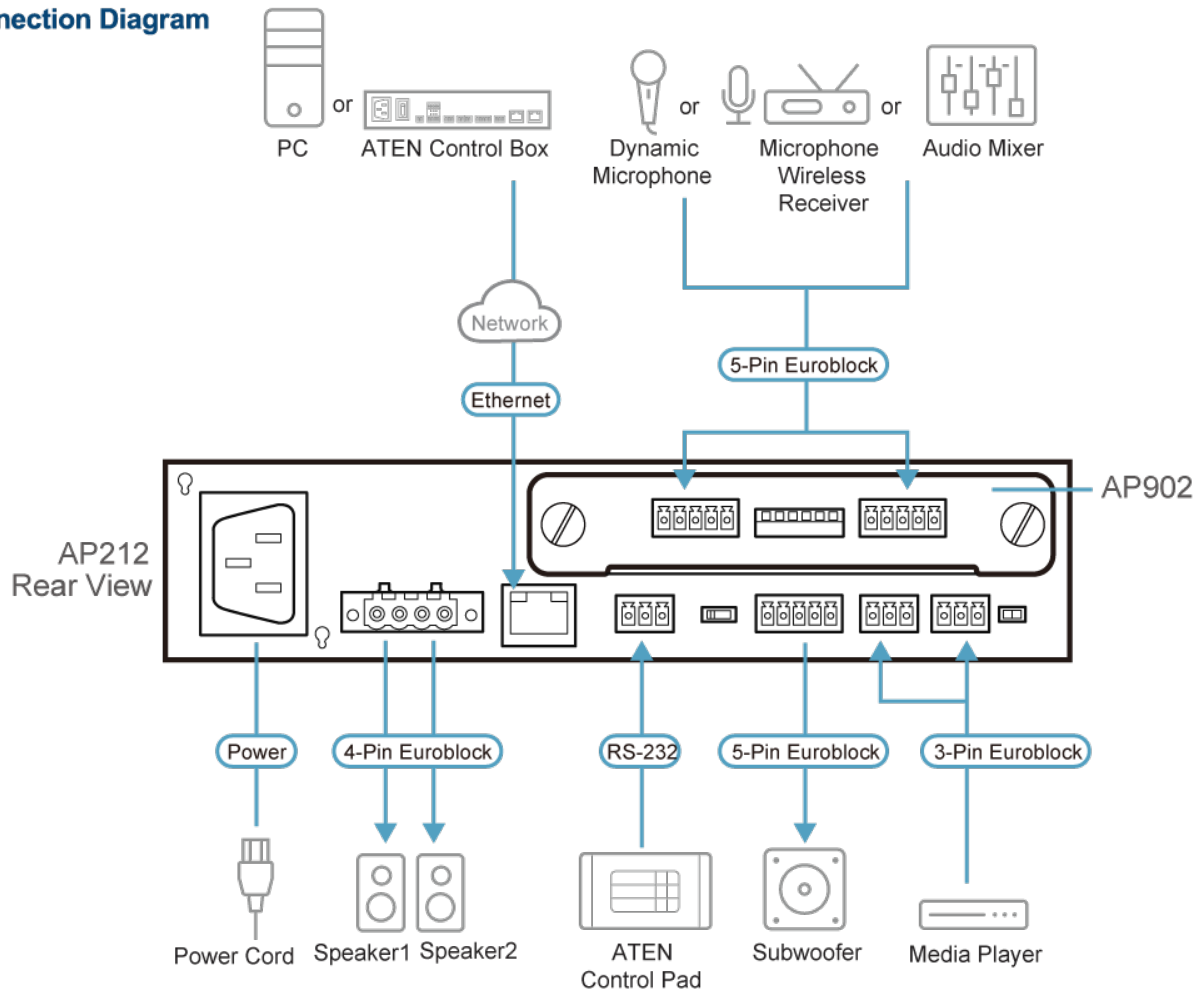
- Dedicated for use with ATEN's AP DSP Power Amplifier series
- Provides AP power amplifiers with dual-channel inputs for easier integration with balanced / unbalanced audio signals at mic / line level
- Adjustable gain level – handles various strength levels of input sources
- Preamp designed to lower the noise floor and improve the dynamic range for high-quality sound performance
- Easy to be installed into the AP power amplifiers' expansion slot

## Specifications

|                        |                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Microphone Inputs      |                                                                                                                                 |
| Gain Range             | -6~+36dB                                                                                                                        |
| Impedance              | 3kΩ                                                                                                                             |
| Line Inputs            |                                                                                                                                 |
| Gain Range             | -6~+36dB                                                                                                                        |
| Maximum Input Level    | +24dBu, Nominal Input Level: +4dBu                                                                                              |
| Impedance              | Balanced: 20kΩ<br>Unbalanced: 10kΩ                                                                                              |
| System Specification   |                                                                                                                                 |
| Distortion             | THD+N: Line In <0.01%, +4dBu @1kHz, 0dB Gain<br>Mic In <0.25%, -20dBu, @1kHz, 0dB Gain                                          |
| Frequency Response     | 50~20kHz, +/-0.5dB, Line In to ATEN AP2 Line Out                                                                                |
| Compliance             |                                                                                                                                 |
| Certification          | FCC, CE, UKCA<br>Tested with ATEN AP2 Amplifier                                                                                 |
| Environmental          |                                                                                                                                 |
| Operating Temperature  | 0~50°C                                                                                                                          |
| Humidity               | 0-80% RH, Non-Condensing                                                                                                        |
| Storage Temperature    | -20~60°C                                                                                                                        |
| Physical Properties    |                                                                                                                                 |
| Weight                 | 0.12 kg ( 0.26 lb )                                                                                                             |
| Housing                | Metal Panel                                                                                                                     |
| Dimensions (L x W x H) | 11.50 x 2.20 x 11.00 cm<br>(4.53 x 0.87 x 4.33 in.)                                                                             |
| Note                   | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format. |

## Diagram

## ▶ Connection Diagram



Note: It is strongly recommended that you use a shielded Cat 5e cable (or higher) for better network connectivity.

**ATEN International Co., Ltd.**

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan  
 Phone: 886-2-8692-6789 Fax: 886-2-8692-6767  
 www.aten.com E-mail: marketing@aten.com



© Copyright 2015 ATEN® International Co., Ltd.  
 ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.  
 All rights reserved. All other trademarks are the property of their  
 respective owners.