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ACOtron™ Preamps

4212

IEPE

1/2 inch microphone preamplifier

4212

High Performance

- IEPE/DeltaTron(B&K) Compatible
- Extended Frequency Response
- Low Noise
- IEC1094 Compatible 1/2 inch Microphone Threads

Cable:

- Industry Standard BNC Female Connection

Options

- Right Angle Package: RA and RAS Versions
- IEPE1248 (Phantom) and PSIEPE-4 (PS9200) IEPE Adaptors

Specifications

Electrical: Typical

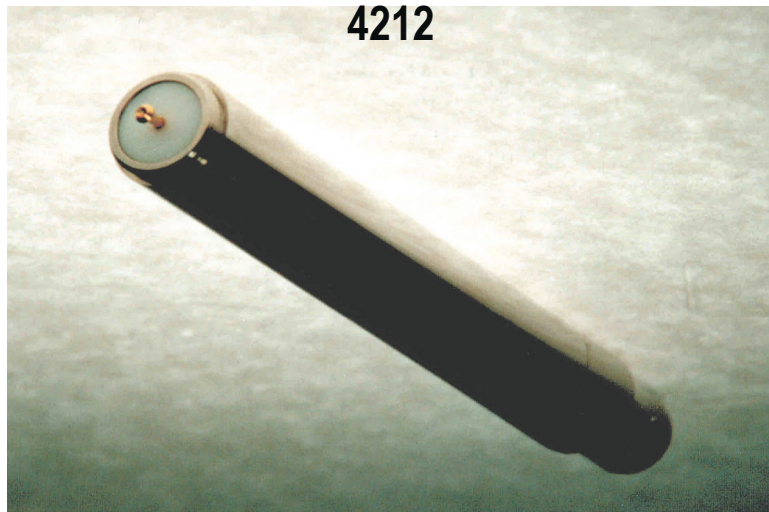
- Using DM2-22 (22pF) Dummy Microphone
- **Frequency Response:**
 - <10Hz >200kHz +/- 0.5 dB
 - 4 Hz to >> 200kHz +/- 2 dB
- **Insertion Loss:**
 - <1.1 dB @ 1kHz
- **Loss Variation - Power Supply Sensitivity**
 - 2mA to 20mA < 0.1 dB
 - 15-30 Vdc <0.05 dB
- **Input Impedance:**
 - >1 Gohms//0.6 pF
- **Noise(typ):**
 - "A" weighted 1.8 uV ; 22 Hz -22kHz 8 uV
- **THD- 1%@1Khz :**
 - 14 Vp-p@4mA 5nF load, 14 Vrms@20mA 50nF load
- **Power:**
 - 15-50Vdc @ 2-30 mA 18-30 Vdc Recommended
- **Temperature:**
 - Operating -20 to >60C

Mechanical

- Microphone Mount:
11.7mm- 60UNS Thread

Options

- **Right Angle Preamps:**
4212RA
4212RAS



Models:

4212

4212RA Right Angle Preamp

4212RAS Right Angle Preamp

- **Microphone Systems:** Mic, 4212 preamp & WS1 windscreen
 - 7052SYS- 7052E Microphone Capsule (-)29dBV/Pa
 - MK224SYS- MK224 Microphone Capsule (-)26 dBV/Pa

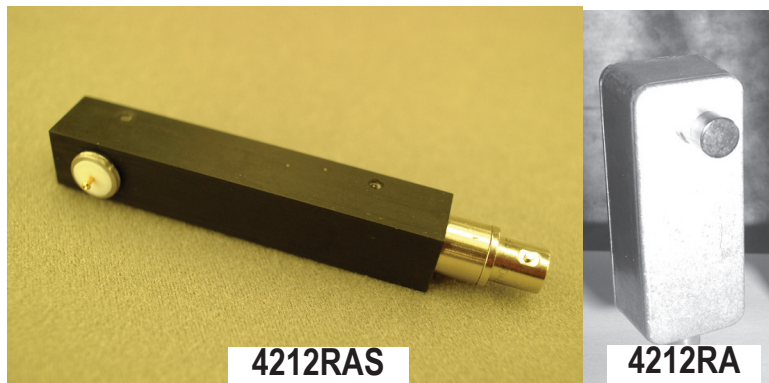
Accessories:

- DM2-22 Dummy Microphone 22pF, **DM2-1K** 1000pF or Custom
- ATT-XX** Microphone Attenuator 20 and 30 dB values standard
- WS1** 3 inch and **WS7** 7 inch Standard 20 ppi Windscreens
- WS1-80T** and **WS7-80T** Outdoor Treated 80 ppi Windscreens
- ODM Family** -Outdoor Microphone Assemblies

IEPE Power Convertors:

- IEPE1248:** Phantom Power to IEPE/ICP Convertor - 4mA (typ)
- PSIEPE-4:** PS9200 (XLR) to IEPE/ICP Convertor - 4 mA (typ)

SPECIALTY PREAMPS



4212RAS

4212RA

ACOustics begins with ACO™

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