Specifications for The “Alternative” Family of Products

IEC 1094-4 COMPLIANT

ACO Pacific Model No. 7022 7023 7012 7013 7048 7047 MK424 7016 7017 7052E

Nominal Diameter 1 inch 1/2 inch 1/4 inch 1/2 inch

Response Characteristic: Free Field 0° Pressure Free Field 0° Pressure Free Field 0° Pressure Free Field 0° Pressure Free Field 0° Pressure Free Field 0° Pressure Free Field 0° Pressure Free Field 0° Pressure

OPEN CIRCUIT SPECIFICATIONS

Frequency Response ± 2dB

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>-26dB (5)</th>
<th>-26dB (15)</th>
<th>-26dB (25)</th>
<th>-26dB (40)</th>
<th>-26dB (40)</th>
<th>-26dB (35)</th>
<th>-58dB (3)</th>
<th>-58dB (1)</th>
<th>-26dB (35)</th>
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</thead>
<tbody>
<tr>
<td>2Hz to 20Hz</td>
<td>12682</td>
<td>15086</td>
<td>15686</td>
<td>12834</td>
<td>13384</td>
<td>14380</td>
<td>5864</td>
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<tr>
<td>20Hz to 10kHz</td>
<td>12682</td>
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Sensitivity dB re: 1V/Pa (mV/Pa)

Nominal Diameter

ACO Pacific Model No.

Height of Cartridge with grid 23.77 mm 23.77 mm 23.77 mm 23.77 mm 23.77 mm 23.77 mm 23.77 mm 23.77 mm

Without grid 18.5 mm 18.5 mm 18.5 mm 18.5 mm 18.5 mm 18.5 mm 18.5 mm 18.5 mm

Character of Cartridge with grid 12.7 mm 12.7 mm 12.7 mm 12.7 mm 12.7 mm 12.7 mm 12.7 mm 12.7 mm

Without grid 9.0 mm 9.0 mm 9.0 mm 9.0 mm 9.0 mm 9.0 mm 9.0 mm 9.0 mm

Thread for Grid or Coupler 17.7 mm 60UNS2 17.7 mm 60UNS2 17.7 mm 60UNS2 17.7 mm 60UNS2 17.7 mm 60UNS2

Thread for Preamp Mounting 17.7 mm 60UNS2 17.7 mm 60UNS2 17.7 mm 60UNS2 17.7 mm 60UNS2 17.7 mm 60UNS2

Equivalent Street and Kaiser Type 4145 4144 4132/4197 4132/4192 4135 4136 4135 4136 4135 4136

Companion Preamplifier 4012 4012 4012 4012 4012 4012 4012 4012 4012 4012

Specifications for The “Alternative” Family of Products

A C E S S O R I E S

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521 SPL Calibrator

1 kHz at 94 dB SPL

“o” dB reference freq. for “A” “C” “D” filters

IEC 60942:2003 Class 1

For 1/2 Inch capsules

9Vdc (NEA 1604A)

Microphone Systems

Standalone

IEPE Powered • Phantom Power

For Over 35 Years

ACOustics begins with ACO™

Measurement Microphones

Polarized and Electret

Consult www.acopacific.com for details.

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**ACOUSTICAL INTERFACE™ SYSTEM**

**PS9200**
Precision Microphone Power Supply Family

- **PS9204L7**
- **PS9204C**
- **PS9204L7**

**4012** 1/2 Inch Microphone Preamplifier

- Cables are not included.
- 10 to 100 kHz
- Low noise

Specifications:
- Frequency Response: 20 Hz to 20 kHz
- 0.1% THD
- 10 dB SPL
- Low noise

Connects to:
- **ODM1**
- **ODM2**

**4212 ACotron™**
IEPE Powered (2-20 mA)

New 7032YS MK3224YS
(mic + 422) Combi

IEPE Adaptors:
- **PSIEPE4** & **IEPE1248**
- **IEC61094-4 Compliant**

**SLARM™ SOLUTION**
Multiple Mic Combiner

- Connects to NetSLARM™
- High SPL at any Mic
- Supports up to 3 Microphones
- Individual Calibration of Mic sensitivity
- Rugged Outdoor Housing

**THE SLARM™ SOLUTION**

Sound Level Alarms Wired and Wireless

The NetSLARM™ family of SPL alarms features:
- OpenOS Standard client or via PC
- Ethernet, USB, RS232 Connectivity
- Network Application
- Password Protected Security Layer
- Programmable: DBPSL, Thresholds, Level Periods
- 4, 6, and 2 Lines Weighting
- Real-time Clock Calendar - 24/7 Alarm Scheduler
- 10 to 120 DBPSL, 40 to 140 kHz
- WS1208MK2 TrueAir Measurement Mic (std) - IEC61094-4 Compliant
- Removable Mic Assembly - In 0.005 feet
- Mic Calibration with 0.1% accuracy
- 2 Optically Isolated Signal (Alarm) closures (50 V50 mA)
- WS1 Windscreen standard
- WS1-60T (printed-up)
- 12-24 Vdc Power - SW12 AC Adapter

**ODM FAMILY**
Outdoor Mic Assembly

- Designed for outdoor installation
- Accepts 1/2 Inch Preamps
- WS1-18T Treated Windscreen
- Hydrophobic and UV resistant
- Improved Wind Noise Reduction
- Standard 3/4 Inch BNC Fittings
- ODM1 Wall Mount
- ODM2 Pole Mount
- ODM3 Right Angle Mount (not shown)

**SLARM™ ACCESSORIES**

- Multiple Mic Combiner
- **SLARMulti™**

**SLARM™ SOLUTION**

Multi-channel Mic System

- Connects to NetSLARM™
- Supports up to 3 Microphones
- Individual Calibration of Mic sensitivity
- Rugged Outdoor Housing

**ACOUSTICAL INTERFACE™ SYSTEM**

**7052YS & 7052PH**
Measurement Microphone Systems

IEC61094-4 Compliant

- 12 to 24 Vdc Power - SW12 AC Adapter
- Mute / Low Battery Indicator
- 3 way operation, Internal 9Vdc Battery

**ACOUSTICAL INTERFACE™ SYSTEM**

**7032E FF Mic, WS1 Windscreen, 4212 ACotron™**
IEPE Preamp or 4048 Phantom Preamp

Includes:
- **MK224SYS** - **MK224PH** - **PSIEPE4** - **IEPE1248** - **WS1-IT**

**4048 ACotron™**
1/2 Inch Phantom Preamplifier

IEPE Response @ 22pF
- 0.1% THD
- 0.1% THD

Specifications:
- Frequency Response @ 22pF
- Low Impedance

Connects to:
- **ODM3**
- **ODM4**

**7052PH and MK224PH System Packages**

Includes:
- **WS1** Windscreen and WS1 Windscreen

**ACOUSTICAL INTERFACE™ SYSTEM**

**3025 White, Pink & 1kHz Precision Noise Generator**

Application:
- Internal Calibrators
- Psycho-acoustic
- Vibration Applications
- Electronic Applications

Features:
- Pink and White Noise 1 kHz Sine
- 6.5 Day Randomness
- Step-Response Adjuster to ±0.02
- Crystal Controlled DDS
- Portable-Battery and AC Power
- 2 BNC Outputs

**The “Alternative” Family - IEC61094-4 Compliant**

- Designed for outdoor installation
- Accepts 1/2 Inch Preamps
- WS1-18T Treated Windscreen
- Hydrophobic and UV resistant
- Improved Wind Noise Reduction
- Standard 3/4 Inch BNC Fittings
- ODM1 Wall Mount
- ODM2 Pole Mount
- ODM3 Right Angle Mount (not shown)

**ACOUSTICAL INTERFACE™ SYSTEM**

**S7 Sound Intensity Probe™**

- For use with 4212 Preamps
- EPE & SURVEY SYSTEM
- LOW COST
- RUGGED SIDE BY SIDE PER IEC 1043
- 18 INCH EXTENSION
- TYPHOON MOUNTINGS
- 12.5 - 100 mm MIC CABLES
- IEC 61094-4 COMPLIANT WITH PS9200