



## Prepolarized Free-Field Response

### 1/2" Microphones

#### SYSTEMS

- 378B02** High sensitivity, low - medium amplitude (16.5 dBA noise floor)
- 378A06** Mid - high frequency & amplitude (to 40 kHz & 146 dB)
- 376B02** High sensitivity, low - medium amplitude (uses short preamplifier)
- 378A07** Infrasound, extremely low frequency (to 0.1 Hz)
- HT378B02** High temperature, high sensitivity, low - medium amplitude (to 120 °C)

#### CARTRIDGES

- 377B02** Low - medium frequency & amplitude (15 dBA to 146 dB)
- 377A06** Mid - high frequency & amplitude (to 40 kHz & 160 dB)
- 377A07** Infrasound, extremely low frequency (to 0.05 Hz)

### 1/4" Microphones

#### SYSTEMS

- 378C01** Ultrasound, high frequency & amplitude (to 100 kHz & 162 dB)

#### ARRAY

- 130E20** General purpose, BNC connector
- 130E21** General purpose, 10-32 connector
- 130E22** General purpose, SMB connector
- 130A23** High frequency & amplitude (20 kHz & 150 dB)

#### CARTRIDGES

- 377C01** Ultrasound, high frequency & amplitude (to 100 kHz & 164 dB)



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## Prepolarized Pressure Field Response

### 1/2" Microphones

#### SYSTEMS

- 378B11** Infrasound, high sensitivity, low frequency & low noise (16.5 dBA noise floor)
- 378B13** Mid - high amplitude (to 20 kHz and 147 dB)

#### CARTRIDGES

- 377B11** Infrasound, high sensitivity, low frequency & low noise (15 dBA to 143 dB)
- 377B13** Mid - high amplitude (18 dBA to 160 dB)

### 1/4" Microphones

#### SYSTEMS

- 378A12** Extremely high amplitude (194 dB peak)
- 378A14** Ultrasound, side-vented, high frequency & amplitude (100 kHz & 174 dB)
- 378C10** Ultrasound, rear-vented, high frequency & amplitude (100 kHz & 174 dB)

#### CARTRIDGES

- 377A12** Extremely high amplitude (194 dB peak)
- 377A14** Ultrasound, side-vented, high frequency & amplitude (100 kHz & 174 dB)
- 377C10** Ultrasound, rear-vented, high frequency & amplitude (100 kHz & 174 dB)

## Specialty Microphones

#### SYSTEMS

- 377B26** Probe for high temperature and space constrained environments (to 800 °C)

#### ARRAY

- 130B40** Low profile, surface or flush mount (1/8" high)
- 130A24** Rugged, water & dust resistant (to 150 dB)

## Prepolarized Random Incidence Response

### 1/2" Microphones

#### SYSTEMS

- 378C20** High sensitivity, low - medium amplitude (16.5 dBA & 16 kHz)
- 378A21** Mid - high frequency & amplitude (to 25 kHz  $\pm$ 2dB & 147 dB)
- HT378C20** High temperature & high sensitivity, low - medium amplitude (to 120 °C)

#### CARTRIDGES

- 377C20** Low - medium frequency & amplitude (15 dBA & 16 kHz)
- 377A21** Mid - high frequency & amplitude, (to 25 kHz  $\pm$ 2dB & 160 dB)

## Preamplifiers

### For 1/2" Microphones

- 426E01** General purpose (low noise)
- 426A10** 20 Hz high pass filter
- 426A11** Switchable gain, A-wt and 20 Hz high pass filter (maximum flexibility)
- HT426E01** High temperature (to 120 °C)
- 426A13** Short profile for confined areas (1.4 inch)

### For 1/4" Microphones

- 426B03** General purpose (low noise)
- 426A05** For use with side-vented microphones (for 377A14)
- 426A07** Short profile for confined areas (1.2 inch)





## Accessories

### Adaptors & Filters

<b>079A02</b>	1/4" microphone to 1/2" preamplifier adaptor
<b>079B03</b>	1/2" microphone to 1/4" preamplifier adaptor
<b>079B25</b>	1" microphone to 1/2" preamplifier adaptor
<b>079A43</b>	1/2" low frequency adaptor (for 378A07)
<b>079A24</b>	Tripod stand adaptor to convert 5/8" stud to 1/4" for holder
<b>079A29</b>	Swivel head, stand to holder adaptor
<b>079A41</b>	Right angle adaptor for 1/4" microphone
<b>079A42</b>	Right angle adaptor for 1/2" microphone
<b>079A31</b>	8 channel calibration coupler
<b>426B02</b>	1/2" in-line A-weighted filter

### Environmental Protection

<b>079A06</b>	3-1/2" windscreen for 1/2" microphone
<b>079A07</b>	3-1/2" windscreen for 1/4" microphone
<b>079C20</b>	Nose cone for 1/4" microphone
<b>079B21</b>	Nose cone for 1/2" microphone
<b>079A46</b>	5 pack of water/dust resistant pads (for 130A24)
<b>EPS2116</b>	Outdoor protection, 3/4" mount & 1/4" side exit mount

### Holders & Stands

<b>079B10</b>	Holder for 1/4" microphone
<b>079A11</b>	Holder for 1/2" microphone
<b>079B23</b>	Holder for both 1/4" and 1/2" microphone
<b>079B32</b>	Clip holder for 1/4" microphone
<b>079A15</b>	Tripod stand with boom arm
<b>079B16</b>	Miniature tripod stand with adjustable legs
<b>079B17</b>	Camera tripod stand
<b>079A18</b>	Adjustable clamp holder, large
<b>079A45</b>	Adjustable clamp holder, small
<b>079A44</b>	5 link extension arm for clap holder
<b>379A02</b>	Array microphone stand (6 ft x 6 ft)

### ICP® Signal Conditioners

<b>480B21</b>	3 channel sensor signal conditioner
<b>480C02</b>	Battery powered ICP® sensor signal conditioner
<b>482C05</b>	4 channel sensor signal conditioner
<b>483C05</b>	8 channel sensor signal conditioner
<b>483C41</b>	8 channel line-powered signal conditioner
<b>485B36</b>	USB dual channel ICP® sensor signal conditioner

### Calibrator, Class One

<b>CAL 200</b>	Calibrate up to 1/2" microphone
<b>CAL 250</b>	Calibrate up to 1" microphone

## Externally Polarized

### 1" Microphones

<b>2570</b>	Free-field, low frequency & low noise
<b>2575</b>	Pressure, low frequency & low noise

### 1/2" Microphones

<b>2540</b>	Free-field, mid - high frequency & amplitude
<b>2559</b>	Random incidence, mid - high frequency & amplitude (25 kHz $\pm$ 2dB)
<b>2560</b>	Random incidence, high sensitivity, low - medium amplitude
<b>377C41</b>	Free-field, high sensitivity, low frequency & low noise

### 1/4" Microphones

<b>2540</b>	Free-field, ultrasound, mid - high frequency & amplitude
<b>2530</b>	Pressure, rear-vented, ultrasound, high frequency & amplitude

### 1/2" Preamplifier

<b>426A30</b>	General purpose
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### 1/4" Preamplifier

<b>426B31</b>	General purpose
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PCB's prepolarized and externally polarized condenser microphones have been tested and meet Type 1/Class 1 specifications when integrated with sound level meters from some of the top manufacturers.



3425 Walden Avenue, Depew, NY 14043-2495 USA

**Toll-Free in the USA** 800-828-8840

**24-hour SensorLine<sup>SM</sup>** 716-684-0001

**Fax** 716-684-0987 **Email** [info@pcb.com](mailto:info@pcb.com)

**Website** [www.pcb.com](http://www.pcb.com)

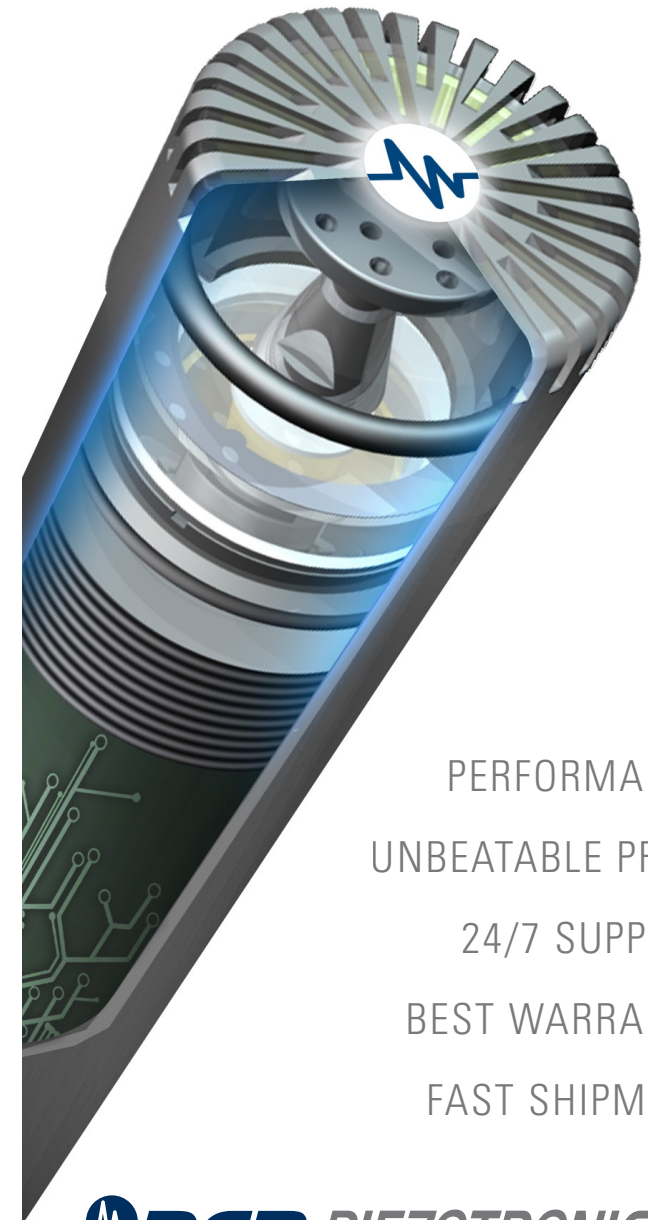
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