

	ENGLISH	SI	
Performance			
Nominal Microphone Diameter	1/4"	1/4"	
Frequency Response Characteristic	Pressure	Pressure	
Frequency Response (±2 dB)	20 to 10000 Hz	20 to 10000 Hz	
Phase Match (100 Hz to 5 kHz)	±5 °	±5 °	[1]
Sensitivity (@ 250 Hz)	45 mV/Pa	45 mV/Pa	
Sensitivity (±3 dB) (@ 250 Hz)	-26.9 dB re 1 V/Pa	-26.9 dB re 1 V/Pa	
Dynamic Range (1/3 Octave @ 1kHz)	<15 dB	<15 dB	
Dynamic Range (Linear Spec. 10 Hz - 10 kHz)	<30 dB	<30 dB	
Dynamic Range (3% Distortion Limit)	>122 dB	>122 dB	
Environmental			
Temperature Range (Operating)	+14 to +122 °F	-10 to +55 °C	
Temperature Effect on Output (-10 to +50 °C)	<0.5 dB	<0.5 dB	
Electrical			
Excitation Voltage	18 to 30 VDC	18 to 30 VDC	
Constant Current Excitation	2 to 20 mA	2 to 20 mA	
Output Bias Voltage	6 to 12 VDC	6 to 12 VDC	
Output Impedance	<10 Ohm	<10 Ohm	
Physical			
Electrical Connector (Output)	10-32 Coaxial Jack	10-32 Coaxial Jack	
Cable Length	10 ft	10 ft	

Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.)
T - TEDS Capable of Digital Memory and Communication Compliant with IEEE P1451.4

Notes
 [1] ± 3° from 100 Hz to 3 kHz typical

Supplied Accessories
 ACS-21 Calibration of Array Microphone (1)

All specifications are at room temperature unless otherwise specified.
 In the interest of constant product improvement, we reserve the right to change specifications without notice.
 ICP® is a registered trademark of PCB group, Inc.

Entered: LLH	Engineer: BAM	Sales: LLH	Spec Number:
Date: 05/03/2007	Date: 05/09/2007	Date: 05/09/2007	29352

 3425 Walden Avenue
 Depew, NY 14043
 UNITED STATES
 Phone: 800-828-8840
 Fax: 716-684-0987
 E-mail: info@pcb.com
 Web site: www.pcb.com