PLACID

PLACID INSTRUMENTS

ACCURATE & EASY TO USE

Discover a wide selections of our
sound measurement equipments according to your
sound measurement needs

PCR

11 / 22 / 30 / 24 / 45

PHANTOM PCR SERIES
MICROPHONES

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NEW CALIBRATED INSTRUMENTS FOR REGISTERING NOISE AND VIBRATION



PLACID INSTRUMENTS BV
Newtonlaan 115 Office No. 2.21 3584 BH UTRECHT, THE NETHERLANDS
Phone +31 302106021
email info@placidinstruments.com
website www.placidinstruments.com

PLACID Phantom PCR Series Microphones

PCR PH

ENGINEERING RECORDING-TEST MICROPHONE



PCR series microphones are phantom powered measurement-level studio microphones which have 3-pin XLR. According to the diameter of capsules, PCR series include 1“ 1/2" and 1/4" studio microphones. Each type microphone has special characteristic, such as different Max Sound Level, Sensitivity, Frequency, and Inherent Noise, etc.

Nickle diaphragm coated with quartz

Omnidirectional and high sensitivity

Excellent suitable for concert halls & spot miking for acoustical instruments

Precise detailed and natural reproduction

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SPECIFICATION

TYPE	PCR11	PCR22	PCR30	PCR24	PCR45
POLAR PATTERN			Omni		
SENSITIVITY	-24 dB	-28 dB	-30 dB	-36 dB	-52 dB
FREQUENCY RANGE	20~20K	20~20K	20~20K	20~40K	20Hz~50K
OUTPUT IMPEDANCE			**220 Ω**		
ELEMENT			Prepolarized		
MAXIMUM INPUT SOUND LEVEL (1%THD@1KHZ)	130 dB	140 dB	130 dB	155 dB	160 dB
SELF NOISE	18 dB(A)	18 dB(A)	22 dB(A)	20 dB(A)	30 dB(A)
SUPPLY VOLTAGE (P48, IEC 61938)			48 V		
MICROPHONE DIAMETER (INCH)	1"	1/2"	1/2"	1/2"	1/4"
SOUND FIELD			Free-field		
TYPICAL SENSITIVITY (MV/PA)	60	40	30	12	4
DIAPHRAGM	Nickel	Nickel	Nickel	Nickel	Nickel
CLASS	1	1	2	1	1