

# PYLE

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USER MANUAL

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## PDMIC70

### Professional Recording Condenser Microphone

High Sound Reproduction Microphone with Low Noise, High Dynamics, Strong Sounder with 8' ft. 3.5mm XLR Cable

#### Professional Recording Condenser Microphone

The condenser microphone is internally controlled by precision A circuit. It has good heart-shaped pointing pickup and high sensitivity output, low noise and wide dynamic range. It is widely used in recording studios, radio stations, stage performances, and post-production in film and television works and professional occasions such as home computers.

Items	Test conditions	Minimum	Nominal	Maximum	Unit
Directivity	Cardioid				
Sensitivity	Input Signal: f=1kHz S.P.L=1Pa 0dB=1V/Pa	-40	-38	-36	dB
S/N Ratio		72		2.2	dB (A)
Output Impedance					k $\Omega$
Sensitivity $\Delta 0^\circ \sim 180^\circ$		18		500	dB
Current Consumption					$\mu$ A
Maximum SPL	1kHz, THD $\leq$ 1%	135		10	dB
Operating Voltage		1.0			V
Decreasing Bias Characteristics	Bias Voltage 1.5V $\rightarrow$ 1.0V			-3	dB
Typical Frequency Response and Polar Plots	<p>Frequency (Hz)</p> <p>Polar Plots (at 1kHz)</p>				

## **PDMIC70**

### **Professional Recording Condenser Microphone**

High Sound Reproduction Microphone with Low Noise,  
High Dynamics, Strong Sounder with 8' ft. 3.5mm XLR Cable

#### **Features:**

- Multi-Purpose Condenser Microphone
- High Sound Reproduction Microphone
- Low Noise, High Dynamics, Strong Sounder
- Excellent for Vocals, Pianos, Stringed Instruments, and Percussion
- Balanced Bass Response with High-End Clarity
- Internally Controlled By Precision Acircuit
- Heart-Shaped Pointing Pickup and High- Sensitivity Output
- Widely Used in Recording Studios, Radio Stations, Stage Performances, Post-Production in Film and Television Works
- High-Quality Column Polar Audio Core
- Excellent Circuit Design and Transformer Output
- Ideal Choice for Vocal and Instrument Applications
- Custom-Engineered Low-Mass Diaphragm
- Extended Frequency Range
- Superior Transient Response
- Cardioid Polar Pattern Reduces Pickup From Sides and Rear
- Capable of Handling High SPL Sounds without Overload

#### **What's in the Box:**

- Condenser Microphone
- Tripod Stand
- 2.5 meters XLR-3.5mm cable

#### **Technical Specs:**

- Cartridge: 26mm gilded diaphragm
- Pickup/Polar Pattern: Cardioid
- Sensitivity: -38dB±2dB
- S/N Ratio: 72dB (A)
- Output impedance: 2.2KΩ
- Current Consumption: 500uA
- Max SPL: 135dB (1 kHz, THD<1%)  
Working Voltage: 5V or 48V phantom
- Product Size: 2.16" x 7.67" (55x195 mm)

#### **Questions? Issues?**

We are here to help!

Phone: (1) 718-535-1800

Email: [support@pyleusa.com](mailto:support@pyleusa.com)



**WARNING:**

This product can expose you to a chemical or group of chemicals, which may include "Lead(Pb)" which is known in the state of California to cause cancer, birth defects, or other reproductive harm. For more info, go to <https://www.p65warnings.ca.gov/>.