

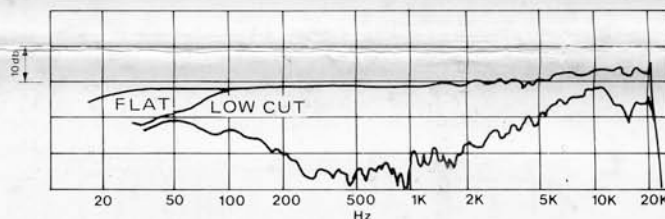
Pearl®

PHANTOM POWERED CONDENSER MICROPHONE CR-55

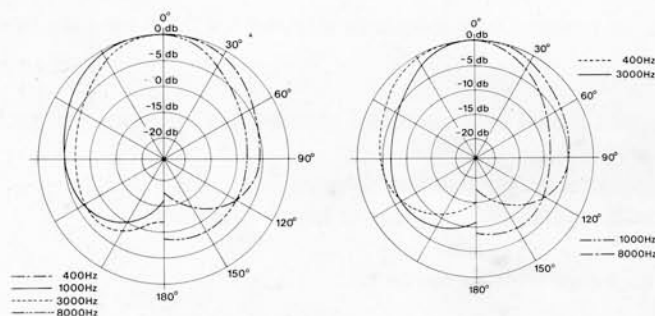
A superb, professional, studio quality phantom powered electret condenser microphone. The performance characteristics make it most useful for recording, broadcast and stage applications.

Specifications and features;

- Pearl exclusive condenser element isolation system minimizes stand borne mechanical noises.
- IC and silicon transistor amplifier installed. No output transformer for significantly low distortion characteristics.
- Frequency response: 15 – 22,000 Hz. Pearl exclusive gold plated special synthetic material diaphragm for extremely wide range flat response.



- Highest maximum sound pressure level 142 dB SPL (0.5% total harmonic distortion).
- Built-in attenuator switch (0 to 12 dB) in increasing the maximum sound pressure level up to 150 dB and allowing to mike bass drums in 48 VDC operation.
- Unidirectional cardioid polar pattern – Uniformity of front to back discrimination (rejection of unwanted sound and noise).



- The cancellation at the sides shall be approximately 6 dB, and the cancellation at the rear shall be 15 to 20 dB.

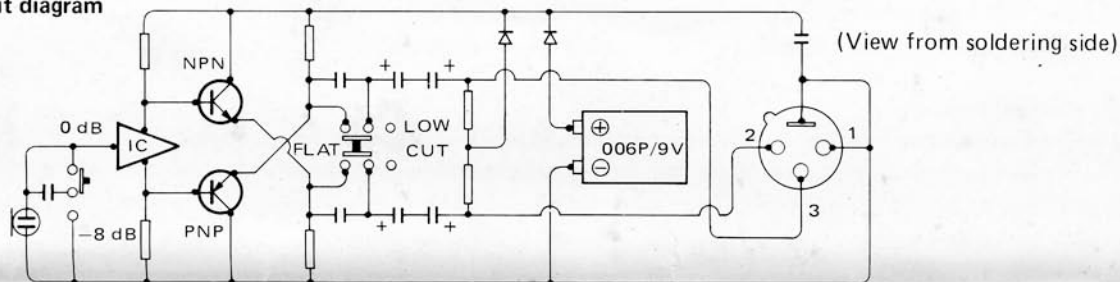
- Built-in low frequency roll-off switch of 6 dB per Octave below 200 Hz.
- Output impedance 200 ohms $\pm 20\%$, balanced, transformerless.
- Minimum load impedance 3K. ohms.
- Maximum output voltage 3.5V at maximum SPL.
- Current drain less than 3mA.
- LXR type three pin output connector.

Pin 1 DC (—) GND,

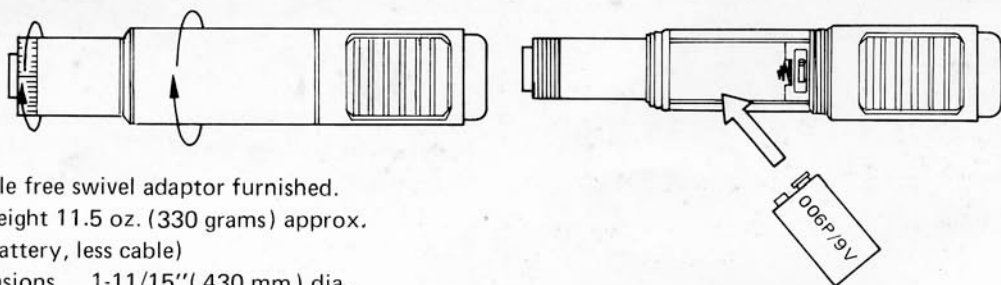
Pin 2 Audio signal output phase (—), +12 VDC to +48 VDC

Pin 3 Audio signal output phase (+), -12 VDC to -48 VDC

■ Circuit diagram



- Supply voltage 12 VDC to 48 VDC or 006P 9V battery.
(006P 9V battery not furnished)

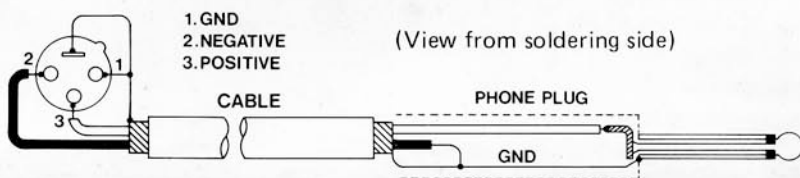


- Trouble free swivel adaptor furnished.
- Net weight 11.5 oz. (330 grams) approx.
(less battery, less cable)
- Dimensions 1-11/15" (430 mm) dia.
8-5/9" (218 mm) length.

■ IMPORTANT NOTICE !

To use a cable with phone plug between this microphone and mixing board (or amplifier), if operating by 006P 9V battery, please solder a lead of pin 2 to the shield to avoid possible overload.

FEMALE CONNECTOR



■ OPTIONAL ACCESSORIES

- SA-1 Spider suspension shock mount holder.
- MC-61NN Cable and Connector assemblies.
 - Female XLR type connector, 20 ft. (6.1 meter) two-conductor shielded 1/4" (6.5 mm) dia cable, male XLR type connector.
- MC-61NP Cable and phone plug assemblies.
 - Female XLR type connector, 20 ft. (6.1 meter) two-conductor shielded 1/4" (6.5 mm) dia cable, 1/4" (6.3 mm) dia finger phone plug.
- PW-18 Portable compact size battery power supply for one or two microphones.
- PW-48 48 VDC Phantom power supply operated by AC adaptor, for one to four microphones.