

SUPERSCOPE
Condenser Microphones



EC-7

Cardioid Condenser Microphone

FEATURES:

- Electret Condenser
- Cardioid
- FET Electronics
- Internal Battery Operation
- Low-Cut Filter
- On-Off Switch

SPECIFICATIONS:

Acoustic System Pressure Gradient Electret Condenser
 Directional Characteristics: Uni-Directional
 Frequency Response: (Frontal ± 3 dB):
 Music: 40 Hz to 16 kHz
 Voice: 100 Hz to 16 kHz
 Output Impedance: (@ 1 kHz $\pm 20\%$): 250 ohms
 Balanced
 Output Level (0 dB = 1 Volt/10 microbar @ 1 kHz
 Impedance: 250 ohms): -52 dB
 Signal-to-Noise Ratio: Greater than 56 dB SPL
 Operating Voltage: 1.5 to 1.1 Volts
 Current Consumption: 100 μ A
 Battery Type: Dry AA; Hours (Continuous) 6,000
 Mercury: Hours (Continuous) 12,000
 Type of Cable: 2 Conductor Shielded (Balanced)
 Type of Plug: Phone
 Length of Cable: 10 ft.
 Dimensions: 1.496" D x 7.441" L
 Unit Weight: (Microphone and cable) 10.34 oz.



EC-9P

Professional Cardioid Condenser Microphone

FEATURES:

- Electret Condenser
- Cardioid
- FET Electronics
- Internal Battery Operation
- Low-Cut Filter
- Standard Cannon XLR-12C Output for Battery Operation
- Optional Power Operation
- 10 dB Pad
- On-Off Switch

SPECIFICATIONS:

Acoustic System: Pressure Gradient Electret Condenser
 Directional Characteristics: Uni-Directional
 Frequency Response: (Frontal ± 3 dB): 30 Hz to 17 kHz
 Output Impedance: (@ 1 kHz $\pm 20\%$): 250 ohms
 Balanced
 Output Level (0 dB = 1 Volt/10 microbar @ 1 kHz
 Impedance: 250 ohms): -56 dB
 Signal-to-Noise Ratio: 59 dB SPL
 Semi-Conductors: 1 FET, 2 Diodes
 Operating Voltage: 1.5 to 1.1 Volts
 External Power: 49 Volts maximum
 Current Consumption: 100 μ A
 Battery Type: Dry AA; Hours (Continuous) 6,000
 Mercury: Hours (Continuous) 12,000
 Type of Cable: 2 Conductor Shielded (Balanced)
 Type of Plug: Pig Tail
 Length of Cable: 10 ft.
 Dimensions: 1.181" D x 7.697" L
 Unit Weight: (Microphone and cable) 13.8 oz.



EC-12B

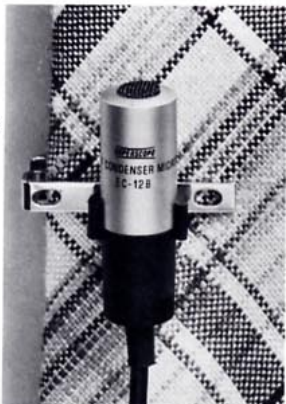
Electret Condenser Tie Clasp Microphone

FEATURES:

- Electret Condenser
- FET Electronics
- Internal Battery Operation
- Telescopic Rod for Hand Held or Podium use

SPECIFICATIONS:

Acoustic System: Electret Condenser
 Directional Characteristics: Omni-Directional
 Frequency Response: (Frontal ± 3 dB): 100 to 15 kHz
 Output Impedance (@ 1 kHz $\pm 20\%$): 250 ohms
 Balanced
 Output Level (0 dB = 1 Volt/10 microbar @ 1 kHz
 Impedance: 250 ohms): -52 dB
 Noise Level: Less than 50 dB SPL
 Maximum SPL (1 kHz): 120 dB
 Semi-Conductors: 1 FET
 Operating Voltage: 1.1 to 1.5 Volts
 Current Consumption: 50 μ A
 Battery Type: Mercury
 Type of Cable: 2 Conductor Shielded
 Type of Plug: Mini
 Length of Cable: 10 ft.
 Dimensions: .551" D x 7.761" L
 Unit Weight: (Microphone and cable) 8 oz.



EC-15P

Electret Condenser Professional Miniature Tie Clasp Microphone

FEATURES:

- Electret Condenser
- IC-FET Electronics
- Internal Battery Operation
- Standard Cannon XLR-3-12C Output for Battery Operation
- Optional External Power Operation

SPECIFICATIONS:

Acoustic System: Electret Condenser
 Directional Characteristics: Omni-Directional
 Frequency Response: (Frontal ± 3 dB): 70 Hz to 16 kHz
 Output Impedance (@ 1 kHz $\pm 20\%$): 250 ohms
 Balanced
 Output Level (0 dB = 1 Volt/10 microbar @ 1 kHz
 Impedance: 250 ohms): -52 dB
 Noise Level: Greater than 60 dB SPL
 Maximum SPL (1 kHz): 120 dB
 Semi-Conductors: 1 FET
 Operating Voltage: 1.1 to 1.5 Volts 48V DC
 External
 Current Consumption: 100 μ A
 Battery Type: Mercury
 Type of Cable: 2 Conductor Shielded
 Type of Plug: Cannon
 Length of Cable: 10 ft.
 Dimensions: 0.374" D x 1.496" L
 Unit Weight: (Microphone only) 1.02 oz.



SUPERSCOPE

... from the people who make Marantz.

Superscope, Inc., 20525 Nordhoff St., Chatsworth, Ca. 91311; Superscope Europe, S.A., 430 Avenue Louise, 1050 Brussels, Belgium; Superscope Canada, Ltd., 3710 Nashua Dr., Mississauga, Ontario L4V1M5

Superscope Microphones (excluding batteries) carry a ninety-day Limited Warranty covering manufacturing defects in materials and workmanship. For warranty repair or service, the product must be sent postage or freight prepaid to an authorized Superscope service station, where repair or replacement of defective products, including parts, will be conducted, in the sole and absolute discretion of Superscope, Inc. Products must be purchased in the United States. The warranty is void if products are misused or serviced by other than authorized repair technicians. Consult your Superscope dealer for further warranty terms and conditions applicable to Superscope products or write to Superscope, Inc., 20525 Nordhoff Street, Chatsworth, California 91311 for a copy of the Superscope Limited Warranty. Models and specifications subject to change without notice.

EC-1

Electret Condenser Microphone

FEATURES:

- Electret Condenser
- FET Electronics
- Internal Battery Operation
- Complete with Desk Stand

SPECIFICATIONS:

Acoustic System: Pressure Type Electret Condenser
 Directional Characteristics: Omni-Directional
 Frequency Response: (Frontal ± 3 dB): 60 Hz to 13 kHz
 Output Impedance (@ 1 kHz $\pm 20\%$): Low Unbalanced
 Output Level (0 dB = 1 Volt/10 microbar @ 1 kHz Impedance: 250 ohms): -52 dB
 Signal-to-Noise Ratio: Greater than 50 dB SPL
 Maximum SPL (1 kHz): 116 dB
 Semi-Conductors: 1 FET
 Operating Voltage: 1.5 to 1.1 Volts
 Current Consumption: 150 μ A
 Battery Type: Dry AA; Hours (Continuous) 6,000
 Mercury; Hours (Continuous) 12,000
 Type of Cable: 1 Conductor Shielded
 Type of Plug: Mini
 Length of Cable: 10 ft.
 Dimensions: .693" D x 4.016" L
 Unit Weight: (Microphone only): 3.5 oz.



EC-3

Cardioid Condenser Microphone

FEATURES:

- Electret Condenser
- Cardioid
- FET Electronics
- Internal Battery Operation
- Complete with Desk Stand (slip-on type)

SPECIFICATIONS:

Acoustic System: Pressure Gradient Electret Condenser
 Directional Characteristics: Uni-Directional
 Frequency Response: (Frontal ± 3 dB): 50 Hz to 15 kHz
 Output Impedance (@ 1 kHz $\pm 20\%$): Low Unbalanced
 Output Level (0 dB = 1 Volt/10 microbar @ 1 kHz Impedance: 250 ohms): -52 dB
 Signal-to-Noise Ratio: Greater than 51 dB SPL
 Maximum SPL (1 kHz): 118 dB
 Semi-Conductors: 1 FET
 Operating Voltage: 1.5 to 1.1 Volts
 Current Consumption: 150 μ A
 Battery Type: Dry AA; Hours (Continuous) 6,000
 Mercury; Hours (Continuous) 12,000
 Type of Cable: 1 Conductor Shielded
 Type of Plug: Mini
 Length of Cable: 10 ft.
 Dimensions: .866" D x 7.047" L
 Unit Weight: (Microphone only): 3.95 oz.

EC-3S

Cardioid Condenser Stop/Start Microphone

FEATURES:

- Electret Condenser
- Cardioid
- FET Electronics
- Internal Battery Operation
- Remote Stop/Start Switch.

SPECIFICATIONS:

Acoustic System: Pressure Gradient Electret Condenser
 Directional Characteristics: Uni-Directional
 Frequency Response: (Frontal ± 3 dB): 50 Hz to 15 kHz
 Output Impedance (@ 1 kHz $\pm 20\%$): Low Unbalanced
 Output Level (0 dB = 1 Volt/10 microbar @ 1 kHz Impedance: 250 ohms): -53 dB
 Signal-to-Noise Ratio: Greater than 51 dB SPL
 Maximum SPL (1 kHz): 118 dB
 Semi-Conductors: 1 FET
 Operating Voltage: 1.5 to 1.1 Volts
 Current Consumption: 150 μ A
 Battery Type: Dry AA; Hours (Continuous) 6,000
 Mercury; Hours (Continuous) 12,000
 Type of Cable: 1 Conductor Shielded
 Type of Plug: MIC: Mini; REM: Micro
 Length of Cable: 6 ft.
 Dimensions: 0.866" D x 7.047" L
 Unit Weight: (Microphone and cable) 3.8 oz.



EC-5

Cardioid Condenser Microphone

FEATURES:

- Electret Condenser
- Cardioid
- FET Electronics
- Internal Battery Operation
- Complete with Desk Stand

SPECIFICATIONS:

Acoustic System: Pressure Gradient Electret Condenser
 Directional Characteristics: Uni-Directional
 Frequency Response: (Frontal ± 3 dB): 40 Hz to 15 kHz
 Output Impedance (@ 1 kHz $\pm 20\%$): Low Unbalanced
 Output Level (0 dB = 1 Volt/10 microbar @ 1 kHz Impedance: 250 ohms): -52 dB
 Signal-to-Noise Ratio: Less than 51 dB SPL
 Maximum SPL (1 kHz): 119 dB
 Semi-Conductors: 1 FET
 Operating Voltage: 1.5 to 1.1 Volts
 Current Consumption: 150 μ A
 Battery Type: Dry AA; Hours (Continuous) 6,000
 Mercury; Hours (Continuous) 12,000
 Type of Cable: 1 Conductor Shielded
 Type of Plug: Mini
 Length of Cable: 10 ft.
 Dimensions: 0.866" D x 6.969" L
 Unit Weight: (Microphone and cable): 4.1 oz.

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ise and knowledgeable recordists, both professional and amateur realize the importance of a good microphone.

Just as good speakers compliment a fine stereo system, the best results from your tape recorder require a quality microphone. And at Superscope we have designed and engineered a quality...yet affordable line of electret condenser microphones.

Superscope was, of course, the first company in the United States to distribute and sell a quality line of condenser microphones. And our extensive experience in this field is your advantage when purchasing a Superscope quality electret condenser microphone.

Superscope electret condenser microphones are of the Omni-Directional, and Uni-Directional type for your exact recording needs. We utilize the electret condenser type of microphone for many reasons. They are lighter than dynamic microphones, for increased portability, and are also more sensitive to sound and have less output distortion than an ordinary dynamic microphone. And Superscope electret condenser microphones are all solid state utilizing a Field Effect Transistor. All the appropriate accessories including a windscreen and battery are included with every Superscope quality condenser microphone!