

# PRIMO MICROPHONE *Primo*





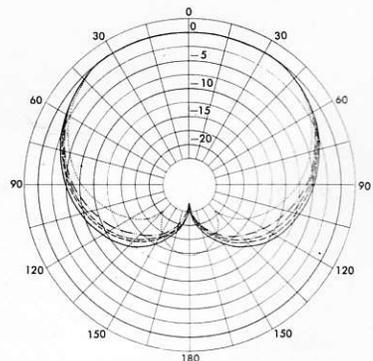
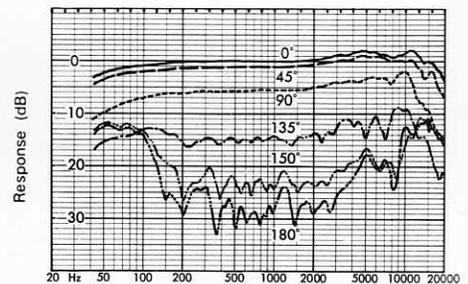
**STUDIO CONDENSER MICROPHONE**

**CMU-503**

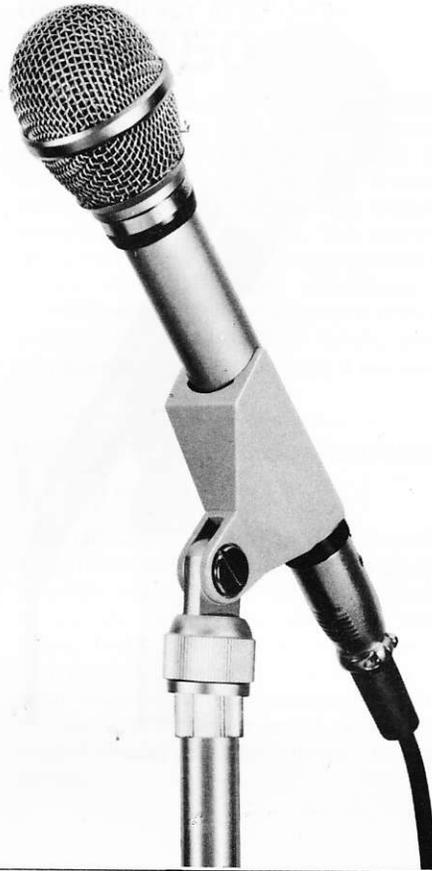
The CMU-503 is professional in every way and will fill the most rigorous studio, broadcast and top quality P.A. applications. Its excellent transient response and full frequency response make it ideal for percussion as well as strings and woodwinds. The self contained preamplifier section utilizes a very select FET combining with unique circuitry and high voltage generator to provide superior characteristics such as a low 20 db self noise and a 140 db maximum input. Stability is assured even when switching OFF to ON, under high sound levels. The separate power supply (includes 9V battery) also includes level attenuation switch, low frequency response switch, power ON-OFF switch, front panel battery removal and battery check. This remote unit removes these adjustments from the performers area and prevents tampering with pre-sets during critical studio and broadcast sessions.

**SPECIFICATIONS**

- Directionality : Unidirectional
- Frequency Response: 20-18,000Hz, ±2.5 dB
- Output Impedance : 200 ohms (±15% @1000Hz)
- Output Level : -72 dB ±1.5 dB
- Directionality : 200-8,000Hz ... 10 dB Min.  
400-4,000Hz ... 15 dB Min.
- Signal-to-Noise : 53 dB ±2 dB (0 dB = .0002/Microbar)
- Maximum Input : 140 dB SPL
- Output Connector : Cannon XLR-3-11C
- Power Requirement : DC 9V (Power supply voltage ... 8.4V-9.1V)  
48 Volt phantom power supply operation is possible.
- Weight : microphone (4.93 oz.)  
battery (21.16 oz.)
- Cable : Standard cord 19.7 ft. (6m)
- Accessories : Comes complete with carrying case, battery, wind screen, cable, power supply, and microphone stand adapter.



- ..... 125Hz
- 500Hz
- 1000Hz
- 3000Hz
- 10000Hz



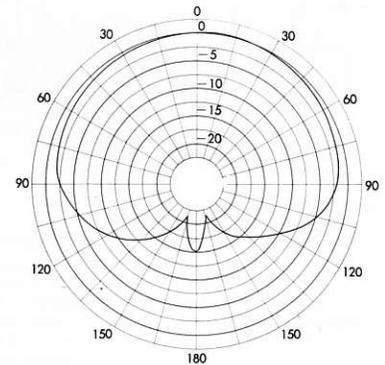
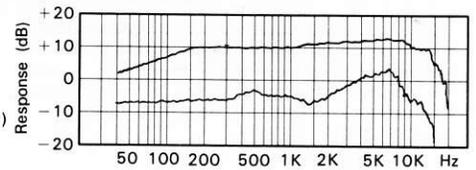
**STUDIO UNIDIRECTIONAL  
DYNAMIC MICROPHONE**

**P-88**

The P-88 dynamic cardioid microphone is designed for studio and broadcast applications. As a professional type cardioid it will meet the most stringent requirements for public address including tuned sound systems. Its light weight and small size make it an ideal handheld entertainment microphone. The P-88 utilizes a multiscreen and foam windscreen to protect against wind noise and breath blasts. Mechanical noise has been greatly reduced by a special smooth finish on the P-88 case and the cable connector is mounted in a unique rubber dampening material. All P-88 cardioid cartridges are precision adjusted for uniform front and rear response to provide smooth off axis response.

**SPECIFICATIONS**

- Directionality : Unidirectional
- Frequency Response : 50-15,000Hz
- Output Impedance : 250 ohms balanced
- Output Level : -77 dB  $\pm$  2 dB per microbar
- Output Connector : Cannon XLR-3-11C
- Cable Length : 19.7 ft. (6m) detachable
- Weight : 6.70 oz.
- Stand Adapter : 1/8"-27



**Primo**

FOR VOCAL PA USE

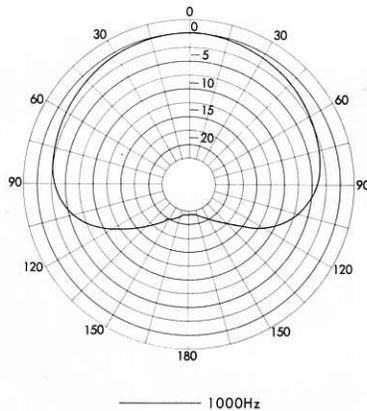
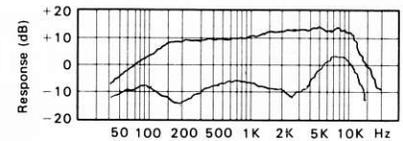
# MICROPHONE

## UNIDIRECTIONAL DYNAMIC MICROPHONE UD-876M

The UD-876M is a high quality cardioid dynamic microphone ideally suited for professional vocal, stage and entertainment work. It utilizes an effective windscreen and breath blast filter. Its excellent cardioid pattern reduces unwanted sound pickup from the rear and controls feedback. The UD-876M has a convenient built in "ON-OFF" switch and uses a quality 3 pin standard cable connector.

### SPECIFICATIONS

Directionality : Unidirectional  
Frequency Response: 50-15,000 Hz  
Output Impedance : 250 ohms balanced  
Output Level : -76 dB  $\pm$  3 dB per microbar  
Output Connector : Switchcraft A3M  
Weight : 8.46 oz.

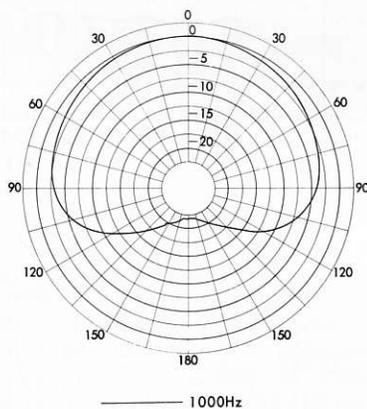
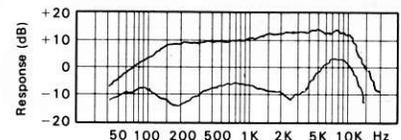


## UNIDIRECTIONAL DYNAMIC MICROPHONE UD-959

The UD-959 is a professional quality vocal and entertainment microphone. The beautiful smooth finished metal body reduces handling noise. The extended response is crisp and clean, complimenting any entertainer. An effective built in windscreen eliminates breath blasts and wind noise. The UD-959 is a tough and rugged performer designed to withstand the most rigorous entertainment usage.

### SPECIFICATIONS

Directionality : Unidirectional  
Frequency Response: 50-15,000 Hz  
Output Impedance : 250 ohms  
Output Level : -76 dB  $\pm$  3 dB per microbar  
Output Connector : Switchcraft A3M  
Weight : 8.46 oz.





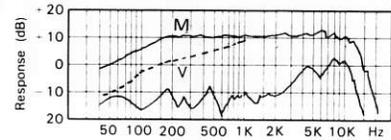
**UNIDIRECTIONAL MICROPHONE WITH  
LOW FREQUENCY ATTENUATOR**

**UD-950**

The UD-950 is a good vocal and entertainment microphone and general purpose PA cardioid. In addition to its many other features it has a built in low frequency attenuator to roll off the low frequency response 10 dB at 100 Hz. This eliminates unwanted bass for certain applications such as extremely close talk conditions. The UD-950 features new attractive styling, a professional smooth silver finish, internal windscreen, and Cannon type 3 pin connector.

**SPECIFICATIONS**

- Directionality : Unidirectional
- Frequency Response: 50-15,000 Hz
- Low Frequency Adjust : 10 dB roll off at 100 Hz.
- Output Impedance : 250 ohms
- Output Level : -76 dB  $\pm$  3 dB per microbar
- Output Connector : Switchcraft A3M
- Weight : 10.22 oz.
- Stand Adapter : 5/8"-27 thread



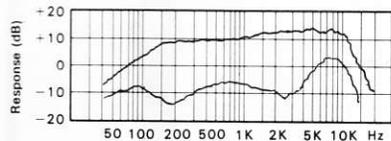
**UNIDIRECTIONAL DYNAMIC MICROPHONE**

**UD-876**

The UD-876 is a quality dual impedance dynamic cardioid microphone which allows a quick convenient change of impedance by simply turning the connector 180 degrees. The UD-876 has excellent response and cardioid characteristics making it an ideal vocal and entertainment microphone. It has a effective internal wind screen, rugged diecast case and internal "ON-OFF" switch.

**SPECIFICATIONS**

- Directionality : Unidirectional
- Frequency Response: 50-15,000 Hz
- Output Impedance : 200 ohms and 50K ohms
- Output Level : -76 dB  $\pm$  3dB (200 ohms per microbar)  
-53 dB  $\pm$  dB 50K ohms
- Switch : Internal "ON-OFF" switch
- Output Connector : 5 Pin connector
- Weight : 6.70 oz.



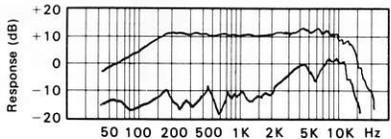
**UNIDIRECTIONAL DYNAMIC MICROPHONE**

**UD-866B**

The UD-866B is a quality, light weight cardioid dynamic microphone featuring quick impedance selection at the microphone connector. It has a convenient internal "ON-OFF" switch. The UD-866B has an attractive modern style and an excellent built in windscreen to greatly reduce wind noise and breath blasts. It has a great "feel" for vocal and entertainment work.

**SPECIFICATIONS**

- Directionality : Unidirectional
- Frequency Response: 50-15,000 Hz
- Output Impedance : 200 ohms and 50K ohms
- Output Level : -76 dB  $\pm$  3 dB 200 ohms  
(per microbar) balanced  
-59 dB  $\pm$  3 dB 50K ohms
- Output Connector : 5 Pin connector
- Weight : 6.34 oz.



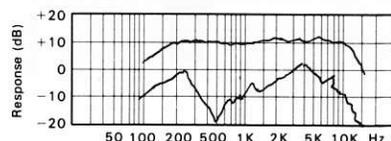
**UNIDIRECTIONAL DYNAMIC MICROPHONE**

**UD-871B**

The UD-871B is a very rugged general purpose public address cardioid microphone with good cancellation characteristics to eliminate feedback. It features quick impedance changing by reversing the connector 180 degrees. The UD-871B is a tough competitor from its rugged die cast body to its breath blast and wind resistant wind screen. A great rock band microphone for the new group. Convenient internal "ON-OFF" switch.

**SPECIFICATIONS**

- Directionality : Unidirectional
- Frequency Response: 70-14,000 Hz
- Output Impedance : 200 ohms and 50K ohms
- Output Level : -76 dB  $\pm$  3 dB (200 ohms balanced  
(per microbar) -53 dB  $\pm$  3 dB 50K ohms
- Output Connector : 5 Pin connector
- Weight : 10.58 oz. less cable



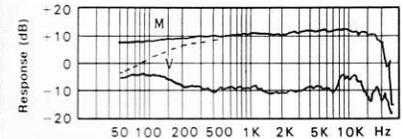
**ELECTRET CONDENSER MICROPHONE  
EMU-4520**



The EMU-4520 is a professional studio and broadcast electret condenser cardioid microphone. It has the ultra wide response expected of condenser microphones, with excellent transient characteristics making it an ideal studio music microphone for use on all types of instruments. The EMU-4520 has a host of professional features yet remains within the price reach of even the smallest studio. It features a 10 db attenuator to prevent preamp overload on very, high sound levels and a low frequency roll off switch for close vocal work. The EMU-4520 also has a removable windscreen and can easily be converted to omnidirectional or ultra-directional characteristics. The sturdy metal case has a smooth long life plated finish to withstand hard use. The cardioid electret cartridge is easily replaced in the field and spare cardioid and omnidirectional cartridges are readily available.

**SPECIFICATIONS**

- Directionality : Unidirectional
- Frequency Response: 20-20,000 Hz
- Output Impedance : 200 ohms balanced
- Output Level : -71 dB ±2.5dB per microbar
- Low Frequency Attenuation : 10 dB at 50 Hz
- PAD : 10 dB switchable
- Signal-to-noise ratio : 55 dB
- Output Connector : Switchcraft A3M
- Power Requirement : 9.1V mercury or equivalent
- Weight :

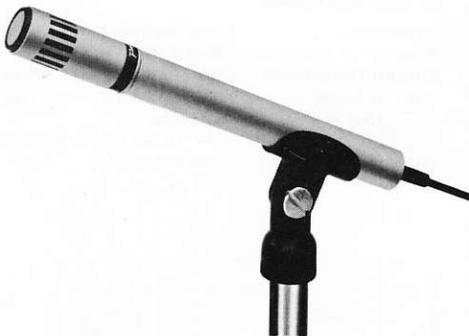
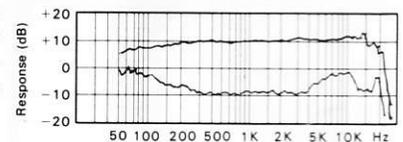


**ELECTRET CONDENSER MICROPHONE  
EMU-4516**

The EMU-4516 is good quality cardioid electret condenser microphone designed for music pickup and general recording. It has a built in low frequency roll off switch for vocal use and an effective windscreen to reduce wind noise and breath blasts. The EMU-4516 is an excellent performer providing the "condenser" sound at a low price with low self noise.

**SPECIFICATIONS**

- Directionality : Unidirectional
- Frequency Response: 40-18,000Hz
- Output Impedance : 200 ohms balanced
- Output Level : -71 dB ± 3 dB per microbar
- Signal-to-noise ratio : 48 dB
- Power Requirement : 1.5V (Size AA)
- Weight :

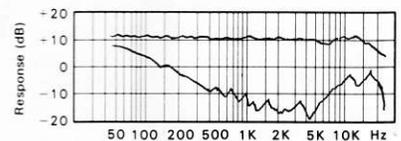


**ELECTRET CONDENSER MICROPHONE  
EMU-522**

The EMU-522 is a good general purpose cardioid electret microphone with very smooth frequency response and low self noise. The self contained 1.5 Volt battery is easily replaced by unscrewing the front. The good front-to-back ratio reduces feedback and makes the EMU-522 a good choice for public address work. It's 2000 ohm impedance is ideal for most transistorized recorders.

**SPECIFICATIONS**

- Directionality : Unidirectional
- Frequency Response: 40-18,000 Hz
- Output Impedance : 2000 ohms
- Output Level : -71 dB ±3 dB per microbar
- Signal-to-noise ratio : 48 dB
- Battery : 1.5V Size AA
- Weight : 4.93 oz. less cable

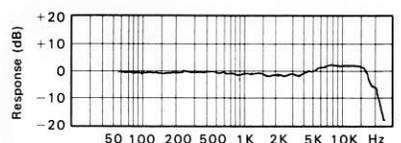


**ELECTRET CONDENSER MICROPHONE  
EM-518**

The EM-518 is a good quality general purpose omnidirectional electret condenser microphone with self contained 1.5V battery. It is suitable for conference and wide angle music pickup where a cardioid pickup angle is too narrow. The battery is changed by removing the front. Due to the extremely long battery life (half year) no battery switch is required. The EM-518 has wide response with extended low frequency response not found in dynamic omnidirectional microphones.

**SPECIFICATIONS**

- Directionality : Omnidirectional
- Frequency Response: 40-18,000 Hz
- Output Impedance : 2000 ohms
- Output Level : -65 dB ±3 dB per microbar
- Signal-to-noise ratio : 45 dB
- Battery : 1.5 V Size AA
- Weight : 4.58 oz.



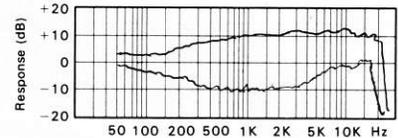


**ELECTRET CONDENSER MICROPHONE**  
**EMU-4517**

The EMU-4517 is a good quality inexpensive cardioid electret condenser microphone well suited for most transistorized recorders. It has good front to back characteristics and a 2000 ohm output impedance. It uses a self contained 1.5V AA type battery that is easily changed by removing the front and features very low battery drain. The EMU-4517 is a good choice for upgrading most tape recorders.

**SPECIFICATIONS**

- Directionality : Unidirectional
- Frequency Response: 40-18,000 Hz
- Output Impedance : 2000 ohms
- Output Level : -71 dB  $\pm$  3 dB per microbar
- Signal-to-noise ratio : 47 dB minimum
- Battery : 1.5V Size AA
- Weight : 4.58 oz. less cable

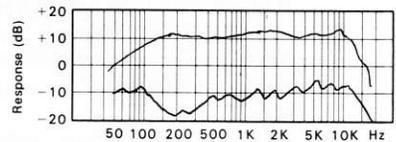


**UNIDIRECTIONAL DYNAMIC MICROPHONE**  
**UD-932**

The UD-932 offers a good quality general purpose dynamic cardioid microphone with good front-to-back characteristics and a high impedance output. This rugged microphone has a steel case, shock mounted cartridge and a very effective built in wind screen. An internal "ON-OFF" switch is provided. The UD-932 is well suited for recording, general public address or rock band sessions.

**SPECIFICATIONS:**

- Directionality : Unidirectional
- Frequency Response: 70-14,000 Hz
- Output Impedance : 50K ohms
- Output Level : -58 dB  $\pm$  3 dB per microbar
- Weight :

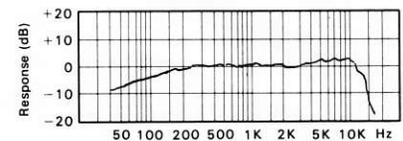


**OMNIDIRECTIONAL DYNAMIC MICROPHONE**  
**DM-1375B**

The DM-1375 is a sleek and slim omnidirectional dynamic microphone for sound pickup from all directions for group recording or conference recording. It utilizes an attractive wind screen to reduce wind noise and breath blast. The DM-1375B may be operated without the windscreen as it is easily removed. The DM-1375B has a rugged die cast case and an internal "ON-OFF" switch.

**SPECIFICATIONS:**

- Directionality : Omnidirectional
- Frequency Response: 50-14,000 Hz  $\pm$  5 dB
- Output Impedance : 600 ohms or 50K ohms
- Output Level : -77 dB (600 $\Omega$ )  
(per microbar) -57 dB (50k $\Omega$ )
- Weight :

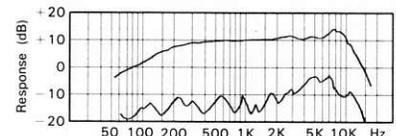


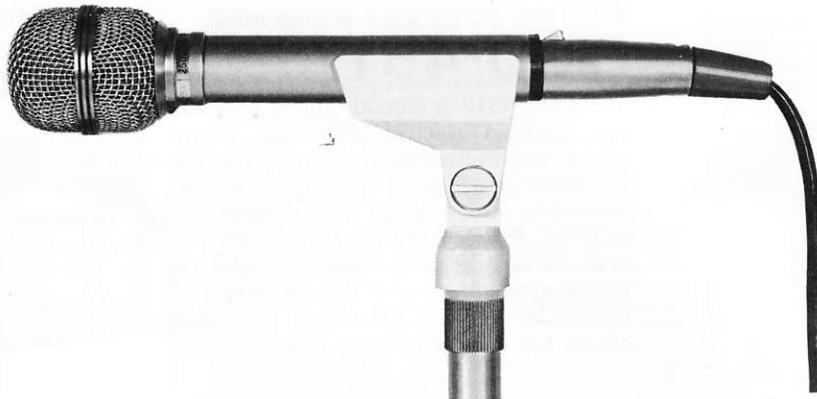
**UNIDIRECTIONAL DYNAMIC MICROPHONE**  
**UD-926**

The UD-926 is a good dynamic cardioid for tape recording and general purpose use at a most competitive price. It has good response with an effective front-to-back ratio to greatly reduce unwanted sounds from the rear. The UD-926 has a self contained "ON-OFF" switch and stand for holding the microphone at the proper angle.

**SPECIFICATIONS:**

- Directivity : Unidirectional
- Frequency Response 100-8000 Hz  $\pm$  6 dB
- Output Impedance : 500 ohms
- Output Level : -76 dB  $\pm$  3 dB  
(0 dB=1V per microbar)
- Switch : Internal "ON-OFF"





**UNIDIRECTIONAL DYNAMIC MICROPHONE**

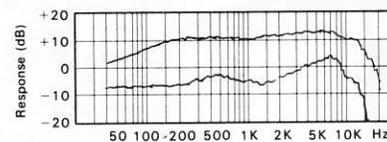
**P-77**

Vocal and speech use microphone developed for broadcasting use, the same as the P-88. Small internal dynamic cartridge is essentially unaffected by breath blast. Small reserved wind screen. Handling noise has been eliminated by a specially designed shock absorber.

New rubber damping material completely eliminated the noise periodically generated by professional use audio connectors.

**SPECIFICATIONS**

- Directionality : Unidirectional
- Frequency response : 50-15,000 Hz
- Output impedance : 250 ohms balanced
- Output level : -77dB ± 2dB per microbar
- Output connector : Switchcraft A3M
- Weight : 5.39 oz.



**UNIDIRECTIONAL DYNAMIC MICROPHONE**

**UD-836**

General PA use dynamic microphone.

Internal unit has been especially designed to exhibit high clarity based on human engineering.

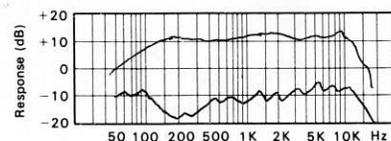
This slim type PA microphone has been designed to be extremely easy to use.

Goose neck type construction makes it simple to handle.



**SPECIFICATIONS**

- Directionality : Unidirectional
- Frequency Response: 70-14,000 Hz
- Output Impedance : 500 ohms or 50K ohms
- Output Level : -56 dB ± 3 dB per microbar
- 76 dB ± 3 dB per microbar



**UNIDIRECTIONAL DYNAMIC MICROPHONE**

**UD-968**

High quality PA use dynamic microphone.

Deluxe type of the UD-836.

Special wind screen makes it extremely resistant to wind noise. Moreover, the unit is mounted in rubber to reduce handling noise to a minimum and make it extremely compact.

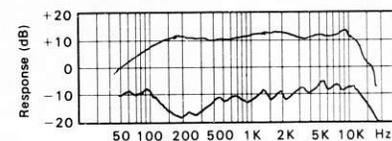
In addition, since it is a convenient goose neck type, it can be freely set to any desired angle and is an extremely easy to use PA microphone.

All metal construction. High stability.



**SPECIFICATIONS**

- Directionality : Unidirectional
- Frequency Response: 70-14,000 Hz
- Output Impedance : 500 ohms or 50K ohms
- Output Level : -56 dB ± 3 dB per microbar
- 76 dB ± 3 dB per microbar



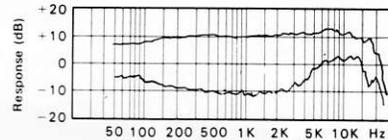


**STEREO ELECTRET  
CONDENSER MICROPHONE  
EMU-4527**

High quality Electret condenser microphone unit mounted at a 120 angle at the sound inlet and unit section. Easy to handle, carry and set stereo microphone. The windscreen employs a double metal screen construction to resist wind noise and breath blast when used outdoors. Unique concepts have been incorporated in the unit diaphragm to reduce the effects of noise to a minimum.

**SPECIFICATIONS**

- Directionality : Unidirectional
- Frequency response : 40-18,000 Hz
- Output impedance : 1K $\Omega$
- Output level : -47dB  $\pm$ 3dB per microbar
- Battery : 1.5V (Size AA)
- Weight : 5.29 oz.



**CINE SUPER 8m/m MOUVING CAMERA  
BUILT IN TYPE**

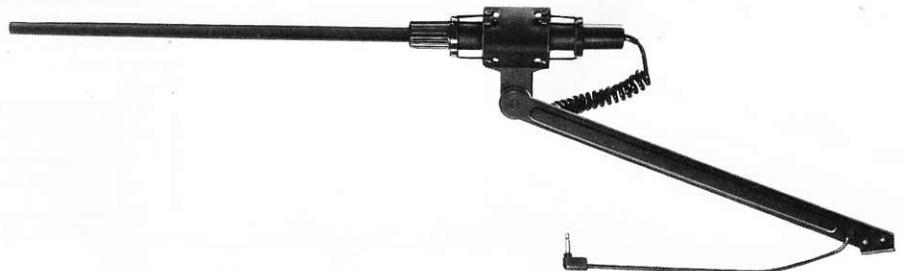
**EMU-4534**

Revolutionary new microphone especially developed for 8 m/m camera use. Specially developed shock mount reduces vibration noise from the camera to an absolute minimum.

Long nose front end features superior directivity in all cases.

Extremely convenient to carry folded construction.

Extremely light. Easy-to-use.



**SPECIFICATIONS**

- Type : Super Cardioid Electret Condenser Microphone
- Imp : 2K $\Omega$
- Loadresister : 200 $\Omega$  to 5K $\Omega$  Fig-1
- Vibration Sensitivity: Fig-2
- Frequency Response: Fig-3
- Batt : 1.5V Type "AA,"
- Current : 100 $\mu$ A

Fig-1

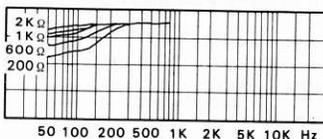


Fig-2

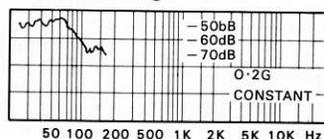
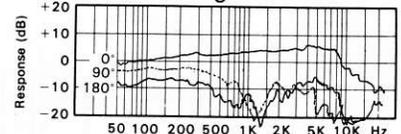


Fig-3



**ELECTRET AVALIER MICROPHONE**

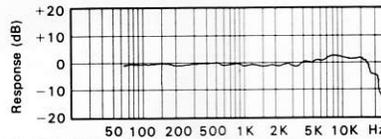
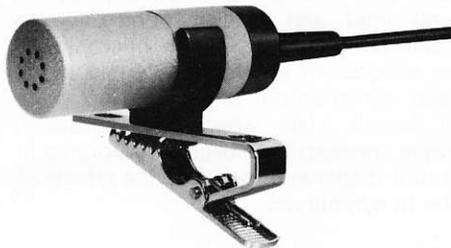
## EM-4000

Lightweight, miniature Electret condenser microphone. Since a tie pin is provided, the microphone can be clipped to a shirt, jacket, or other part of your clothing. Moreover, since it is a wide sound collection area omnidirectional type, it can be used without being aware of the microphone.

Can be continuously used for 600 hours on a single battery.

**SPECIFICATIONS**

- Directionality : Omnidirectional
- Frequency response : 100–15,000 Hz
- Output impedance : 1K ohms
- Output level : -68dB ± 3dB per microbar
- Battery level : Mercury 1.3 V.
- Weight : 2.1 oz.



**ELECTRET AVALIER MICROPHONE**

## EM-4005

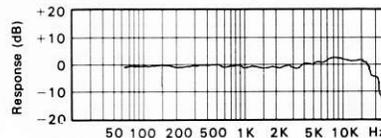
Lightweight, miniature Electret condenser microphone with switch.

EM-4000deluxe type with microphone ON-OFF switch. The life of the battery can be extended with one touch by setting the microphone switch to OFF when not in use. Exterior finish is a beautiful deluxe silver and black.

Since a tie pin is provided, it can be clipped at any desired position.

**SPECIFICATIONS**

- Directionality : Omnidirectional
- Frequency response : 100–15,000 Hz
- Output impedance : 1K ohms
- Output level : -68dB ± 3dB per microbar
- Battery level : Mercury 1.3 V.
- Weight : 2.1 oz.



**ELECTRET AVALIER MICROPHONE**

## EM-4005AB

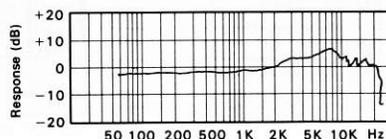
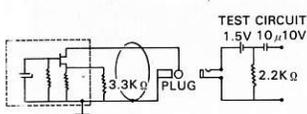
Professional use miniature lightweight Electret condenser microphone.

Since power is supplied externally, the microphone is extremely small and satisfied the superior characteristics demanded of a professional use microphone.

This new microphone has eliminated usage feeling. Beautiful exterior finish. Extremely easy-to-use.

**SPECIFICATIONS**

- Sensitivity : -65 ± 3 dB (0 dB=1 Volt/μbar) at 1 kHz
- Output Impedance : 2 kΩ at 1 kHz
- Signal Tonoise Ratio more than : 40 dB (1 kHz 1μbar)
- Frequency Response to be Within : Fig.-1
- Directivity : Nondirectional
- Operation Voltage : 1.5V to 10V
- Current Drain : Less than 200μA





**HL-11**



**HL-14**



**HL-17**



**HL-42**



**HL-53**



**HL-55**

Inside dimension: 19mm

**METAL  
HL-14**

Inside dimension: 23.9mm

**METAL  
HL-17**

Inside dimension: 25mm

**PLASTIC  
HL-42**

Inside dimension: 21mm

**PLASTIC  
HL-53**

Inside dimension: 24mm

**PLASTIC  
HL-55**

Inside dimension: 22mm



**WS-13**



**WS-41**



**CC-240**



**CC-241**

**MC-5**

**MC-10**

**MC-20**



**POLYURETHAN FORM WINDSCREEN**

**WS-13**

**METAL MESH**

**WS-41**

inside dimension: 21mm

**MICROPHONE EXTENSION CABLE**

**MC-5**

Length: 5m

**MICROPHONE EXTENSION CABLE**

**CC-240**

Length: 6m

**MICROPHONE EXTENSION CABLE**

**CC-241**

Length: 6m

**MICROPHONE EXTENSION CABLE**

**MC-10**

Length: 10m

**MICROPHONE EXTENSION CABLE**

**MC-20**

Length: 20m

**Primo**

**PRIMO MICROPHONE INC.**

2468 DELTA LANE, ELK GROVE VILLAGE, ILLINOIS 60007  
TEL. (312) 595-1022  
TELEX NO. 28-3474 ELGR

**PRIMO COMPANY LTD.**

**HEAD OFFICE** 6-25-1 MURE, MITAKA-SHI, TOKYO JAPAN  
TEL. 0422-43-3120. 3121~9  
TELEX 2822-326 PRIMO J