



MICRO MIKE

COMPARE OURS . . .
WITH THEIRS



• 100% MADE IN U.S.A.

• 2 year unconditional guarantee
• Smallest broadcast/theatre quality mike in the world

IDI MICRO MIKE SONY ECM-50

PRICE	
\$110.00	\$159.95
FREQUENCY RESPONSE	
30-15,000 Hz	40-14,000 Hz
TYPE	
Electret Condenser	Electret Condenser
DIRECTIVITY	
True omni-directional	Omni-directional
OUTPUT IMPEDANCE	
50-3500 ohms	50, 250, 600 ohms
OPERATING VOLTAGE	
1.5 VDC-20 VDC	1.5 VDC
MINIMUM OPERATING VOLTAGE	
1.1 VDC	1.1 VDC
CURRENT DRAIN	
10-50µA(max)	130µA
MERCURY BATTERY LIFE	
more than 7,500 hrs	more than 6,000 hrs
BATTERY COST	
\$.75	\$1.55
WIND NOISE	
26 dB SPL Nominal	44 dB SPL
WEIGHT (W/BALANCING TRANSFORMER)	
60 grams (2.3 oz)	130 grams (4.7 oz)
CABLE/CLOTHING NOISE	
Excellent	Poor
MODELS AVAILABLE	
Eight (8)	Two (2)
CABLE LENGTHS AVAILABLE	
14 cm (4' 6")	30 cm (9' 8")
36 cm (12')	
OUTPUT CONNECTOR	
Threaded locking Micro Plug (works directly into wireless mike and male or female XLR)	XLR-3-12C only
CABLE	
2.5 mm diam dull outer sheath pure 98% wrap, copper braid, teflon inner conductors with strength members	2 mm diam cadmium bronze wrap

Sales Service Rentals

Major credit cards accepted

CALL TOLL FREE
800-327-5181

IN FLORIDA CALL 305/945-1111

IMAGE DEVICES

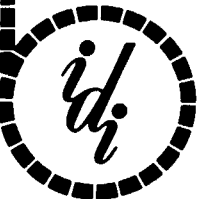
INCORPORATED

MIAMI

1825 N.E. 149 Street
Miami, Florida USA 33181
Telex 51-9348
TWX 810 845-4242
PHONE 305/945-1111

ATLANTA

1651 Phoenix Blvd., Suite 5
Atlanta, Georgia USA 30349
TWX 810 768-1080
PHONE 404/996-0000



Section Meetings

Hollywood, 15 Feb. — The meeting was held at CBS Television City's Rehearsal Hall "A" with an attendance of more than 180 members and guests. Richard W. Elliott, Senior Technical Service Engineer in 3M Company's Magnetic Audio/Video Products Division, conducted the entire program which was on the subject of videotape. He opened the program with a playback of a videotape recording made to celebrate the 20th anniversary of the inception of videotape recording. Some of the first equipment was shown followed by highlights of the many advancements in editing, recording and playback equipment that have taken place over the years.

Elliott then presented a paper on "Manufacturing Magnetic Tapes" illustrated by 2 X 2 slides. Details of materials, chemistry, clean rooms and quality controls were explained. This was followed by a presentation on "Improved Audio Characteristics in Quadruplex Videotape." Various audio parameters of magnetic recordings were defined and explained. A videotape playback on five monitors was part of the presentation.

The last segment of the program was a presentation on "Care and Handling of Videotape." This was enhanced with the aid of an overhead projector.

The meeting was preceded by a dinner at Casa Cugat. It was a pleasant occasion with Xavier Cugat greeting our group and presenting us with

a review of his new book. He also showed us some of his own paintings. — Warren Strang (Chairman), Hollywood Film Co., 956 Seward St., Hollywood, CA 90038.

Nashville, 24 Feb. — The meeting was held at the WSM-TV Studios in Nashville with an attendance of 48 members and guests. The speakers were Ken Knaus and Bob Baker, both of Eastman Kodak, and Jim Solomon of MPL Motion Picture Laboratories, Inc. The meeting opened with a very amusing film entitled *Live TV*. Knaus provided a demonstration of Kodak's new high-speed 7250 film with an ASA rating of 400 under different lighting conditions from very low light conditions up to 40 fc.

Baker demonstrated, on 35mm, Eastman Kodak's new color intermediate II film, type 5243/7243 under various lighting conditions.

Solomon showed samples on 16mm of direct dupe and dupe negative prints processed at MPL. The demonstration showed the improved quality of the prints. Baker showed also several simulated commercials that had been prepared to demonstrate the high quality of the film.

Following the presentations, another interesting film entitled *The TV Newsmen* was shown. This was a documentary prepared by a West Coast TV station. — S. Lee Whitehurst (Secretary-Treasurer), WSM, Inc., P.O. Box 100, Nashville, TN 37202.

Book Reviews

Quadrphony: An Anthology of Articles on Quadrasonic Sound From the Pages of the Journal of the Audio Engineering Society, Vol. 17-Vol. 23 (1969-1975).

Published (1975) by the Audio Engineering Society, Inc., 60 E. 42 St., New York, NY 10017, 264 pp. Diagrams. 8½ X 11 in. Paperbound. Price \$9.00.

The anthology of quadrasonic sound contains 34 papers written by 42 authors. These articles document the efforts of the scientists and engineers responsible for carrying out the research, development and commercialization of quadrasonic sound reproduction. The great majority of technical papers treating this subject, by authors throughout the world, have been published in the *Journal of the Audio Engineering Society*. The book is divided into five sections as follows: I. Subjective Effects and

Sound Field Analysis; II. 4-2-4 Matrixing; III. Disc Recording; IV. Broadcasting; V. Signal Processing.

The first section contains a paper on "Subjective Assessment of Multichannel Sound Reproduction." A very important paper, in two parts, reports the "NQR (National Quadrasonic Radio Committee) Measurement of the Subjective Aspects of Quadrasonic Sound Reproduction" in which 4-4-4 (four channels of transmission), 4-3-4 (three channels of transmission), 4-2-4 (two channels of transmission) quadrasonic systems are compared in a series of comprehensive listening tests. The papers involving the sound field are: "Toward a more Accurate Spacial Environment"; "Sound Image Localization in Multichannel Matrix Reproduction"; "A Method of Analyzing the Quadrasonic Sound Field"; "Phase difference and sound image localization"; and "Simple Equations for Multichannel Stereophonic Localization." Other papers in this section are "Dis-