

When performance counts most



PROFESSIONAL RECORDING
RADIO AND TV BROADCASTING
SOUND REINFORCEMENT SYSTEMS
AUDIOPHILE RECORDING • ENTERTAINMENT

MICROPHONES • HEADPHONES



**AKG
DATA
AND
PRICES**

**JANUARY 1,
1973**



K-100



K-180



K-2000



K-108



K-16TV



K-150



K-158/T-301

STEREO HEADPHONES

BOOM SETS

	K-16TV	K-100	K-150	K-180	K-2000	K-108	K-158 K-158/T-301
TYPE	DYNAMIC MONO	DYNAMIC STEREO	DYNAMIC STEREO	DYNAMIC STEREO	DYNAMIC MONO	DYNAMIC W/MICROPHONE	DYNAMIC W/MICROPHONE
DIRECTIONAL CHARACTERISTICS MICROPHONE Hz							
FREQUENCY RESPONSE MICROPHONE Hz						70 to 12,000	70 to 12,000
FREQUENCY RESPONSE HEADPHONES Hz	60-16,000	20-20,000	20-20,000	16-20,000	60-16,000	20 to 20,000	20 to 20,000
SENSITIVITY MICROPHONE						-58 dB 200 ohms	K-158 = -58 db / 200 ohms K-158 / T-301 = Transistd. Preampl.
IMPEDANCE MATCHING HEADPHONES	4-10,000	4 to 10,000	4 to 10,000	4 to 10,000	4 to 10,000	4 to 10,000	4 to 10,000
CONTROLS				One each headphone for subjective response adjustment			
WEIGHT	5 oz.	12 oz.	11 oz.	21 oz.	2 oz.	15 oz.	15 oz.
CONNECTIONS	Prewired	Prewired	Prewired	Prewired	Prewired	Headphone in series Microphone unbalanced	Separate to each headphone Microphone balanced
ACCESSORIES INCLUDED	Standard mini jack	Standard 3-conductor stereo plug	Standard 3-conductor stereo plug	Standard 3-conductor stereo plug	Standard mini jack	Z-65 ear cushions	Z-64 ear cushions
PROFESSIONAL USER NET	\$15.95	\$29.00	\$39.00	\$69.00	\$5.95	\$39.00	K-158 = \$60.00 K-158 / T-301 = \$70.00
OPTIONAL ACCESSORIES							



C-412



C-24



C-451E
Combination



C-451E PREAMPLIFIER with
7 interchangeable capsules

CONDENSER

	C-24	C-412	C-414	C-451E COMBINATION	C-451E COMPONENTS
TYPE	CONDENSER STEREO-TWIN	CONDENSER	CONDENSER	CONDENSER MODULAR	CK-1 Cardioid capsule 64.00 CK-1S Cardioid capsule, rising response 64.00 CK-2 Omni capsule 64.00 CK-5 Cardioid capsule, shock-mount/windscreen 90.00 CK-6 Variable capsule Omni to cardioid to figure eight 160.00 CK-8 Short interference tube 90.00 CK-9 Interference tube (shotgun) 120.00 B-46E Battery power supply 55.00 N-46E a.c. power supply for two C-451E with bass cut and bass rolloff 200.00 N-6E A.C. power supply for 6 C-451E 150.00 C-451E Preamplifier only for all capsules 102.00 C-451EB Preamplifier with bass Attenuator 122.00 C-452E Preamplifier only, 48v powering 102.00 VR-1 12" extension tube 40.00 VR-2 52" extension tube 110.00 A-50/10 10 dB pad 18.00 A-50/20 20 dB pad 18.00 A-51 Swivel 25.00 A-52 Phantom power module for 1 C-451E 20.00 W-3 Windscreen for CK-1, CK-2 5.00 W-17 Windscreen for CK-1, CK-2 21.00 W-18 Windscreen for CK-8 10.00 W-19 Windscreen 30.00 H-7 Pistol grip 12.00 H-9 Adapter 15.00 H-10 Adapter 15.00 H-15 Suspension (spider), C451E 25.00 H-60 Shock suspension, C-451E 16.00 H-69 Boom suspension, CK-9 49.00 H-70 Suspension, CK-9 W/SA-70/3 22.00 SA-15/1 Stand Adapter C-451E 7.00 SA-18/1 Stand adapter, C-451E 18.00 SA-18/3 Stand adapter, CK-9 18.00 SA-70/3 Stand Adapter CK-9 27.00 MC-20 20' microphone cable 14.00 MC-50 50' microphone cable 21.00
DIRECTIONAL CHARACTERISTICS	O/A/8	O/A/8	O/A/Q/8	W	
FREQUENCY RESPONSE Hz	20-20,000	20-20,000	20-20,000	30-20,000	
UNIFORMITY OF RESPONSE**	±2 dB	±2 dB	± 2 dB	±2.5 dB	
SENSITIVITY†	-39 dB	-42 dB	-42 dB	-41 dB	
IMPEDANCE	50/200	200	200	200	
FRONT-TO-BACK RATIO (1000 Hz)	20 dB	20 dB	20 dB	20 dB	
DIMENSIONS IN INCHES	10 ¹ / ₈ x 1 ¹ / ₈	3 ¹ / ₈ x 1 ¹ / ₈ x 1 ¹ / ₄	3 ¹ / ₈ " x 1 ¹ / ₈ " x 1 ¹ / ₄ "	3 ¹ / ₈ x 5 ¹ / ₈	
WEIGHT	System 29 lbs	Microphone & cable 3 lbs 14 oz	Microphone and cable 3 lbs 14 oz	4.5 oz	
CONNECTIONS	1 = Shield 2 + 3 = Audio Connector 5B17C	1 = shield 2 + 3 = Audio and phantom circuit supply voltage from amplifier XLR-3	1 = Shield 2 + 3 = Audio and phantom circuit supply voltage from amplifier XLR-3	1 = Shield 2 + 3 = Audio and phantom circuit supply voltage from amplifier Cannon XLR-3	
ACCESSORIES INCLUDED	Power supply Pattern selector Stand adapter Cable set Case	MK-17/20 cable	MK-17/20	Stand adapter Windscreen Case	
PROFESSIONAL USER NET	\$995.00	\$340.00	\$375.00	\$189.00	
OPTIONAL ACCESSORIES	ST-305 Anti-shock table stand	"N-46E a.c. power supply (operates six) B-46E d.c. power supply W-11 Windscreen ST-305 Anti-shock table stand	"N-46E a.c. power supply (operates six) B-46E d.c. power supply ST-305 Table stand W-11 Windscreen	See C-451E Components listing column. Special C-451E technical brochure with complete specifications and application information available on request or from your AKG dealer.	

**Relative to the published curve

†(re 1 mW/10 dynes/cm²)



D-124E



D-190ES



D-190E
D-190TS



D-707E
D-707TS



D-1000E
D-1000TS

CARDIOID DYNAMIC

	D-124E	D-190ES	D-190E D-190TS	D-707E D-707TS	D-1000E D-1000TS
TYPE	DYNAMIC	DYNAMIC W/ ON-OFF SWITCH	DYNAMIC	DYNAMIC	DYNAMIC W/MODE SWITCH
DIRECTIONAL CHARACTERISTICS					
FREQUENCY RESPONSE Hz	30-16,000	40-15,000	40-15,000	50-15,000	40-16,000
UNIFORMITY OF RESPONSE**	±2.5 dB	±3 dB	±3 dB	±3.5 dB	±3.5 dB
SENSITIVITY†	-54 dB	-53 dB	-53 dB	-53 dB	-52 dB
IMPEDANCE	200 ohms	200	200 or Hi (specify)	200 or Hi (specify)	200 or Hi (Specify)
FRONT-TO-BACK RATIO (1000 Hz)	18 dB	20 dB	20 dB	15 dB	18 dB
DIMENSIONS IN INCHES	5" long, 1 1/4" diam.	6 1/4 x 1 1/2	6 1/4 x 1 1/2	6 x 1 7/16	6 x 1 1/8
WEIGHT	5 oz.	6 oz.	6 oz	4 oz.	9 1/2 oz.
CONNECTIONS	1 = Shield 2 + 3 = Moving coil Cannon XLR-3	1 = Shield 2 + 3 = Moving Coil Cannon XLR-3	1 = Shield 2 + 3 = Moving Coil Cannon XLR-3	1 = Shield 2 + 3 = Moving Coil Cannon XLR-3	1 = Shield 2 + 3 = Moving coil Cannon XLR-3
ACCESSORIES INCLUDED	W-21 Windscreen SA-25 Stand Adapter 15' cable Case	SA-11 Stand adapter 15' Cable Case	SA-11 stand adapter 15' cable Case	SA-11 Stand Adapter 15' Cable Case	SA-12 Stand adapter 15' Cable Case
PROFESSIONAL USER NET	\$120.00	\$60.00*	D-190E = \$55.00 D-190TS = \$70.00*	D-707E = \$45.00 D-707TS = \$60.00*	D-1000E = \$65.00 D-1000TS = \$80.00*
OPTIONAL ACCESSORIES	W-8 Windscreen H-24 Suspension MK series cable AKG Table and Floor Stands	W-8 Windscreen Standard and anti-shock stands *D-190ES is low impedance only with on-off switch on microphone. Order accessory MK-7/T-5 transformer/ phone plug cable for high impedance use.	W-8 Windscreen Standard and anti-shock stands *D-190TS complete with on-off switch, Hi impedance transformer and phone plug.	W-4 Windscreen Standard and anti-shock stands *D-707TS complete with on-off switch, Hi impedance trans- former and phone plug.	W-4 Windscreen Standard and anti-shock stands *D-1000TS complete with on-off switch, Hi impedance trans- former and phone plug.

**Relative to the published curve

†(re 1 mW/10 dynes/cm²)



MICROPHONES HEADPHONES ACCESSORIES

TABLE STANDS



ST-4
ST-4A
ST-41, one push button
ST-43, three push buttons



ST-305

WINDSCREENS



W-2
W-3
W-4



W-8



W-17



W-7
W-21



W-18



W-19

SUSPENSIONS



H-24
H-60



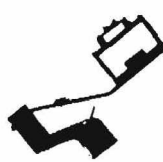
H-15



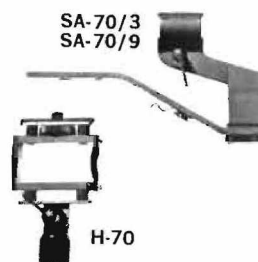
H-10



H-9



H-68
H-69



SA-70/3
SA-70/9

H-70

RUBBER GRIP HANDLE



H-7

CABLES



MK-7/S-5
Connector switch



MC-20TS

FLEXIBLE SHAFT



MSH-58E
MSH-58E-2

STAND ADAPTERS



SA-11
SA-12
SA-15



SA-11/1
SA-12/1
SA-15/1
SA-16/1
SA-20/1
SA-25



SA-16
SA-20



SA-18/1
SA-18/3
SA-18/9

AKG Condenser & Dynamic Shot Gun Microphone Systems:



FITTED
CARRYING CASE

C-451/CK-1/CK-9 System, consisting of:

C-451EB Preamplifier
CK-1 Cardioid capsule
W-3 windscreen for above
SA-15/1 stand adapter
CK-9 Shot gun tube
W-19 windscreen for above
SA-18/3 stand adapter
H-69 Boom suspension
H-7 pistol grip
B-46E Battery supply
MC-20 cable
Fitted carrying case
User Net: \$521.00

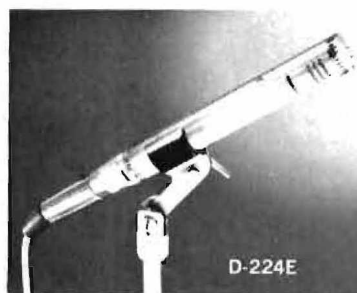
C-451/CK-9 System, consisting of:

C-451EB Preamplifier
CK-9 Shot gun tube
W-19 windscreen for above
SA-70/3 stand adapter
H-7 pistol grip
B-46E Battery supply
MC-20 cable
Fitted carrying case
User Net: \$405.00

D-900E System, consisting of:

D-900E Microphone
W-19 Windscreen
SA-18/9 stand adapter
H-68 Boom suspension
MC-20 cable
Fitted carrying case
User Net: \$286.00

D-202E
BOOM



D-224E

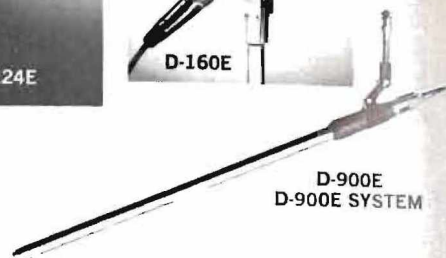


D-160E



D-200E
D-200TS

D-202E



D-900E
D-900E SYSTEM

TWO-WAY CARDIOID DYNAMIC

OMNI-DIRECTIONAL

SHOTGUN DYNAMIC

	D-200E D-200TS	D-202E D-202E BOOM	D-224E	D-160E	D-900E D-900E SYSTEM
TYPE	DYNAMIC TWO-WAY	DYNAMIC TWO-WAY	DYNAMIC TWO-WAY	DYNAMIC	DYNAMIC INTERFERENCE/GRADIENT
DIRECTIONAL CHARACTERISTICS					
FREQUENCY RESPONSE Hz	30-15,000	30-15,000	20-18,000	40-18,000	40-13,000
UNIFORMITY OF RESPONSE**	±3 dB	±2 dB	±2 dB	± 2.5 dB	±3 dB
SENSITIVITY†	-55 dB	-53 dB	-55 dB	-55 dB	-50 dB
IMPEDANCE	200	200	200	200	200
FRONT-TO-BACK RATIO (1000 Hz)	18 dB	20 dB	20 dB	non-directional	18 dB
DIMENSIONS IN INCHES	7 ³ / ₁₆ x 1 ¹ / ₈	8 ¹ / ₂	7 ³ / ₄ x 1 ¹ / ₈	7 x 1 ³ / ₁₆	26 ¹ / ₈ x 1 ¹ / ₄
WEIGHT	8 oz.	9.5 oz.	9.5 oz.	7.5 oz.	17 oz.
CONNECTIONS	1 = Shield 2 + 3 = Moving Coil Cannon XLR-3	1 = Shield 2 + 3 = Moving Coil Cannon XLR-3	1 = Shield 2 + 3 = Moving Coil Cannon XLR-3	1 = Shield 2 + 3 = Moving Coil Cannon XLR-3	1 = Shield 2 + 3 = Moving Coil Cannon XLR-3
ACCESSORIES INCLUDED	SA-20 Stand adapter 15' cable Case	SA-16 Stand adapter 15' cable Case	SA-18/3 Stand adapter 15' cable Case	Stand adapter 15' cable Case	Stand adapter 15' cable Case
PROFESSIONAL USER NET	D-200E = \$75.00 D-200TS = \$90.00*	D-202E \$130.00 D-202E Boom* \$215.00	\$195.00	\$60.00	D-900E \$150.00 D-900E SYSTEM = \$286.00*
OPTIONAL ACCESSORIES	W-4 Windscreen Standard and anti-shock stands *D-200TS complete with on-off switch, Hi impedance trans- former and phone plug.	W-7 Windscreen for standard D-202E only. SA-18/9 Stand adapter MK Series Cables *(Boom Version complete with special suspension, front and rear wind screens)	W-2 Windscreen MK Series Cables Standard and anti-shock stands	MK Series Cables Standard and anti-shock stands	W-19 Windscreen SA-18/9 Stand adapter H-68 Boom suspension MK Series Cables *D-900E system is complete with SA-18/9 stand adapter, H-68 boom suspension, W-19 windscreen, MC-20 cable in fitted carrying case.

**Relative to the published curve

†1cc 1 mW/10 dynes/cm²



D-109



D-110



D-58E



D-558B



D-510B



D-590

LAVALIER DYNAMIC

SPECIAL PURPOSE DYNAMIC

	D-109	D-110 SHOCK MOUNTED*	D-58E D-558B	D-510B	D-590
TYPE	DYNAMIC LAVALIER	DYNAMIC LAVALIER	NOISE-CANCELLING DIFFERENTIAL	DYNAMIC	DYNAMIC
DIRECTIONAL CHARACTERISTICS					
FREQUENCY RESPONSE Hz	50-15,000	50-15,000	D-58E = 70-12,000 D-558B = 200-12,000	100-15,000	200-15,000
UNIFORMITY OF RESPONSE**	±5 dB	±5 dB	± 5 dB	± 3.5 dB	± 3 dB
SENSITIVITY†	-56 dB	-56 dB	-58 dB	-56 dB	-53 dB
IMPEDANCE	200	200	200	200	200
FRONT-TO-BACK RATIO (1000 Hz)	non-directional	non-directional	25 dB	non-directional	20 dB
DIMENSIONS IN INCHES	2 3/4 x 5/8	3 1/8 x 7 3/32	D-58E = 1 1/8 x 1 3/8 D-558B = 1 2/8 x 7/8	12 3/8 x 7/8	11 1/8 x 1 1/8
WEIGHT	1.5 oz.	2.75 oz.	D-58E = 1.1 oz. D-558B = 9 oz.	9 oz.	9 oz.
CONNECTIONS	1 = Shield 2 = Red (in phase) 3 = White Non-detachable cable	1 = Shield 2 = Red (in phase) 3 = White Non-detachable cable	D-58E = XLR-3: 1 = Shield 2 + 3 = Moving coil D-558B: Non-detachable cable.	1 = Shield 2 = Red (in Phase) 3 = White Non detachable cable	1 = Shield 2 = Red (in Phase) 3 = White Non-detachable cable
ACCESSORIES INCLUDED	Neck cord w/ tie clip 30' cable Case	Neck cord w/ tie clip 30' cable Case	D-58E: Case D-558B: Mounting hardware	8 7/8" flexible shaft with cable plus mounting hardware	9 3/4" flexible shaft with cable plus mounting hardware
PROFESSIONAL USER NET	\$49.00	\$80.00	D-58E: \$45.00 D-558B: \$60.00	\$60.00	\$65.00
OPTIONAL ACCESSORIES		*With internally suspended capsule.	D-58E: MSH-58E 8" flexible shaft MSH-58E2 20" flexible shaft Both: W-3 Windscreen ST-4A/ST-305 Table Stands ST-41 Table Stand, 1 push button ST-43 Table Stand, 3 push buttons	ST-4A/ST-305 Table Stands ST-41 Table Stand W/ 1 push button ST-43 Table Stand W/ 3 push button W-3 Windscreen	ST-4A ST-305 Table Stands ST-41 Table Stand, 1 push button ST-43 Table Stand, 3 push buttons W-8 Windscreen

**Relative to the published curve

†(re 1 mW/10 dynes/cm²)

AKG MICROPHONE ACCESSORIES

User Net

User Net

MICROPHONE TABLE STANDS

ST-4	Table Stand	\$13.00
ST-4A	Table stand, weighted base	\$14.00
ST-41	Table stand, 1 push button	25.00
ST-43	Table stand, 3 push button	36.00
ST-305	Anti-shock table stand	25.00

WINDSCREENS

W-2	Windscreen for D-224E. Foam type	5.00
W-3	Windscreen for D-58E, C-451E. Foam Type	5.00
W-4	Windscreen for D-200E, D-1000E. Foam Type	6.00
W-7	Windscreen for D-202E. Foam Type	7.00
W-8	Windscreen for D-190E/ES 'TS, D-124E. Foam Type	10.00
W-9A	Rear Windscreen for D-900E and D-202E	6.00
W-11	Windscreen for C-412	15.00
W-16	Windscreen for D-160E	20.00
W-17	Windscreen for C-451E. (CK-1, CK-2)	21.00
W-18	Windscreen for CK-8	10.00
W-19	Windscreen for CK-9, D-900E	30.00
W-21	Windscreen for D-124E	4.00

STAND ADAPTERS

SA-11	Stand Adapter for D-190E, D-707E (Replacement) D-160E.	4.00
SA-11/1	Stand adapter, metal thread, D-190, D-707, D-160	7.00
SA-12	Stand Adapter for D-1000E (Replacement)	4.00
SA-12/1	Stand adapter, metal thread, D-1000	7.00
SA-15	Stand Adapter for C-451E	6.00
SA-16	Stand Adapter for D-202E, D-900E (Replacement)	6.00
SA-16/1	Stand adapter, metal thread, D-202, D-900	8.00
SA-18/1	Stand Adapter for C-451E. Metal w. locking clamp	18.00
SA-18/3	Stand Adapter for D-224E, CK-9, Metal	18.00
SA-18/9	Stand Adapter for D-202E, D-900E. Metal, locking	18.00
SA-20	Stand Adapter for D-200E (Replacement)	6.00
SA-20/1	Stand adapter, metal thread, D-200	8.00
SA-70/3	Stand Adapter for CK-9	27.00
SA-70/9	Stand Adapter for D-900E	27.00

ANTI-SHOCK SUSPENSIONS

H-7	Rubber "pistol grip" handle for SA-18 adapters	12.00
H-9	Clamp mount for H-10	15.00
H-10	Stereo bar for 2 microphones	15.00
H-15	Suspension (spider) for C-451E	25.00
H-24	Anti-shock suspension for D-190E, D-707E, D-160E, D-124E	16.00
H-60	Anti-shock stand suspension for C-451E	16.00
H-68	Anti-shock boom suspension for D-900E	49.00
H-69	Anti-shock boom suspension for D-224E and CK-9	49.00
H-70	Suspension for use with SA-70/3, SA-70/9	22.00

FLEXIBLE GOOSENECKS

MSH-58E	8" flexible gooseneck with connector for D-58E, D-200E, D-707E, D-190E, D-160E, D-124E	21.00
MSH-58E-2	20" flexible gooseneck with connector for D-58E, D-200E, D-707E, D-190E, D-160E, D-124E	25.00

CABLES FOR ALL MICROPHONES

MC-20	20' microphone cable complete with XLR-3 type male and female connectors	14.00
MC-20TS	Microphone cable assembly complete with built-in low to high impedance transformer/phone plug and on-off connector/switch. For all microphones with XLR-3 connector	25.00
MC-50	50' microphone cable complete with XLR-3 type male and female connectors	21.00
MK-7/T-5	15' microphone cable assembly with built-in low to high impedance transformer/phone plug. For all microphones with Cannon XLR-3 connector	20.00
MK-7/S-5	Microphone cable with on-off switch built-in to microphone connectors and free end for amplifier connection. For all microphones with Cannon XLR-3 connector	17.00

HEADPHONE EAR CUSHIONS

Z-52	Ear cushions for K-150	3.00
Z-64	Ear cushions for K-150	4.00
Z-65	Ear cushions for K-100	4.00

CABLES FOR CONDENSER MICROPHONES

MK-17/20	Cable for C-412 and C-414	90.00
MK-24/20	Microphone cable for C-24	95.00
NF-24/5	Power supply cable for C-24	25.00
RL-24/10	Pattern selector cable for C-24	57.00

POWER SUPPLIES FOR CONDENSER MICROPHONES

N-6E	A.C. power supply for 6 C-412, C-414 or C-451E	150.00
B-46E	9 volt d.c. battery power supply for C-451E. On-off switch and cannon connectors for in-line use	55.00
N-24	Power Supply for C-24	250.00
N-46E	A.C. power supply for two C-451E. Individual bass roll-off and bass cut. Trim plate for rack panel mounting. Also for C-412, C-414	200.00
A-52	Phantom powering module for 1 C-451E	20.00

EXTENSION TUBES AND SWIVEL FOR C-451E

VR-1	12" extension tube for C-451E. (CK-1, CK-2, CK-6)	40.00
VR-2	Same as VR-1, except 52" long with swivel mount	110.00
A-51	Swivel for C-451E. (CK-1, CK-2, CK-6)	25.00

AMPLIFIERS FOR CONDENSER MICROPHONES

C-412	Preamplifier with capsule only (Replacement)	250.00
C-414	Preamplifier only (Replacement)	285.00
C-451E	Preamplifier module only for use with CK-1, CK-1S, CK-2, CK-5, CK-6, CK-9 Condenser Capsules	102.00
C-451EB	Preamplifier with bass Attenuator	122.00
C-452	Preamplifier module only, for phantom powering operation requiring 48v	102.00
V-24	Amplifier with 2 microphone capsules for C-24 system (Replacement)	430.00

CAPSULES FOR C-451E PREAMPLIFIER—INTERCHANGEABLE

CK-1	Cardioid condenser microphone capsule only for C-451E	64.00
CK-1S	Cardioid condenser microphone capsule with rising response	64.00
CK-2	Omni-directional condenser microphone capsule only for C-451E	64.00
CK-5	Cardioid condenser microphone capsule with integral shock mount and windscreen	90.00
CK-6	Variable pattern omni-cardioid figure-eight condenser microphone capsule only for C-451E	160.00
CK-8	Short shotgun attachment for C-451E	90.00
CK-9	Interference tube (shotgun) with built-in condenser microphone capsule only for C-451E	120.00

OUTPUT PADS FOR C-451E

A-50/10	10 dB pad for C-451E preamplifier	18.00
A-50/20	20 dB pad for C-451E preamplifier	18.00

Prices and specifications subject to change without notice

For information and prices on complete line of KM series of MICROPHONE FLOOR STANDS and ACCESSORIES consult separate specification and price sheet.



AKG MICROPHONES • HEADPHONES

DISTRIBUTED BY
NORTH AMERICAN PHILIPS CORPORATION
100 EAST 42ND STREET, NEW YORK, NEW YORK 10017
TEL: (212) 697-3600 TWX: 212 667-5624

AKG Service Department 30-30 Review Avenue
Long Island City, N.Y. 11101 • Tel. (212) 786-6400