

AKG

ACOUSTICS

CONDENSER MICROPHONES



C-422
(Stereo)



C-414EB/P48



C-33
(Stereo)



C-34
(Stereo)



C-460B/CK-1
(Comb)



C-451EB/CK-9
(Comb)



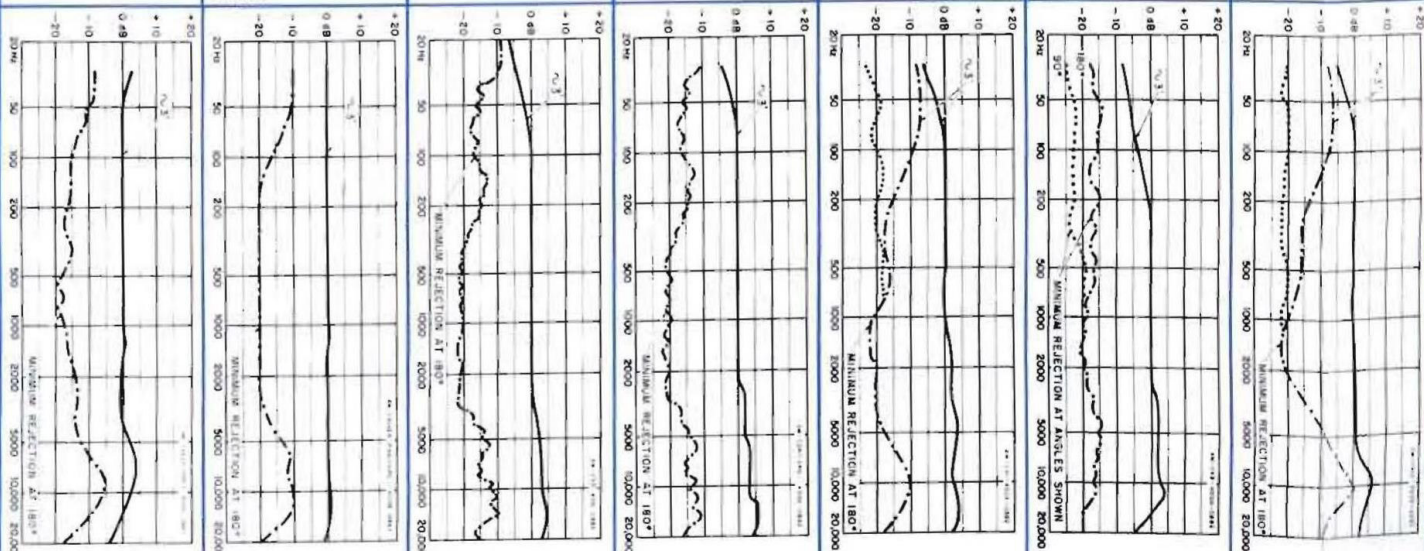
CK-1S

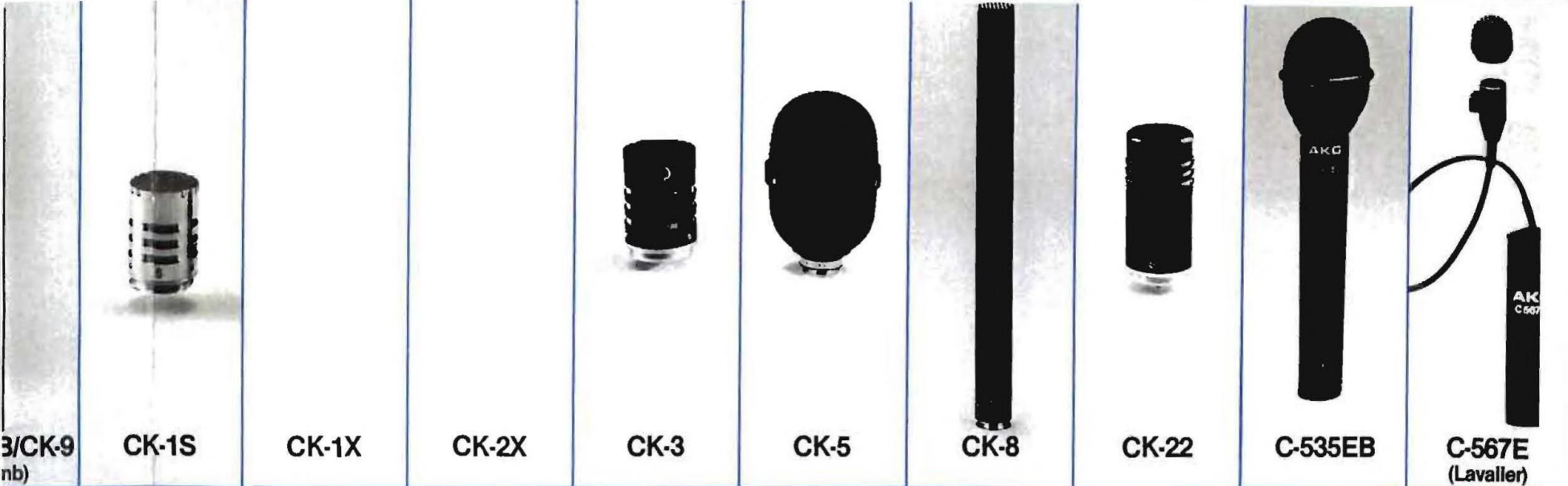
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| TRANSUCER PRINCIPLE | CONDENSER (2 x Large twin diaphragms) | CONDENSER (Large twin diaphragms) | STEREO CONDENSER (2 x Small twin diaphragms) | STEREO CONDENSER (2 x Small twin diaphragms) | CONDENSER (Small diaphragm) | CONDENSER INTERFERENCE TUBE (24 inch Shotgun) | CONDENSER CAPSULE | CONDENSER CAPSULE (Prepolar) |
|---------------------------------|---|--|--|---|---|--|--|---|
| POLAR PATTERN | VARIABLE (Nine patterns remotely selectable) | FOUR SELECTABLE (Switch on microphone) | DUAL CARDIOID | VARIABLE (Nine patterns remotely selectable) | CARDIOID | DIRECTIONAL | CARDIOID (With rising response) | CARDIOID |
| FREQUENCY RANGE | 20 - 20,000 Hz | 20 - 20,000 Hz | 20 - 20,000 Hz | 20 - 20,000 Hz | 20 - 20,000 Hz | 30 - 18,000 Hz | 20 - 20,000 Hz | 20 - 20,000 Hz |
| SENSITIVITY AT 1,000 HZ | 6 mV/Pa -64.5 dBV* | 9 mV/Pa -61 dBV* | 4.5 mV/Pa -67 dBV* | 4.5 mV/Pa -67 dBV* | 7 mV/Pa -60.5 dBV* | 11 mV/Pa -59 dBV* | 9.5 mV/Pa -60.5 dBV* | |
| ELEC. IMPEDANCE AT 1,000 HZ | 200 ohms | 200 ohms | 200 ohms | 200 ohms | 200 ohms | 200 ohms | | |
| POWERING | UNIVERSAL PHANTOM 9 to 52 V | PHANTOM 48 V | UNIVERSAL PHANTOM 9 to 52 V | UNIVERSAL PHANTOM 9 to 52 V | UNIVERSAL PHANTOM 12 to 52 V | UNIVERSAL PHANTOM 9 to 52 V | REQUIRES C-460B or C-451EB PREAMP | FOR USE PREAMP |
| SPECIAL FEATURES | Two transducers. Remote selection of patterns is ideal for MS and XY recording. Has LED "aiming" lights used as aid in positioning. | Exceptionally wide dynamic range; low self-noise. Unsurpassed for digital recordings. | Two cardioid patterns. Employs two CK-1 type capsules. One is fixed; the other is rotatable through 180°. Economical approach to X-Y stereo recording. | One transducer pair is fixed, the other pair is rotatable through 180°. Couples the "sound" of popular CK-1 capsules with remote pattern selection. | Low noise, wide dynamic range. Preamp includes bass-cut (50,70,150 Hz) switches and attenuation (0,-20dB). | Preamp includes two-position base attenuation switch (0,75,150Hz). Accepts all CK capsules listed above. | Similar to CK-1, but with rising response between 2,000 and 10,000 Hz. Provides added "presence" and brilliance at normal working distances; or for preserving clarity at greater working distances. | Special c cable ext. pole, etc. |
| INCLUDED ACCESSORIES | H-15/9 Suspension mount/stand adapter; W-42 Foam windscreens; MK-42/20 (66 ft.) cable; S-42E Remote control; Carrying case. | SA-18 Stand adapter; W-26 Foam windscreens; Foam lined vinyl case. | H-15/6 Elastic suspension; W-34 Windscreens; Carrying case. | S-42E Remote control; H-15/6 Elastic suspension/adapter; W-34 Foam windscreens; MK-42/20 (66 ft.) cable; Carrying case. | SA-30 Stand adapter; W-32 Foam windscreens; Foam-lined vinyl case. Includes CK-1 Cardioid capsule and A-60 Adapter/Shock mount. | B-1E Battery supply; W-19 Windscreens; SA-70/3 Adapter; H-7 Pistol grip; Cables and Carrying case. Includes CK-9 Shotgun capsule. | Foam lined vinyl case. | |
| OPTIONAL ACCESSORIES & COMMENTS | N-62E two-channel power supply. N-66E six-channel power supply. Available in black only. | H-17A Elastic suspension. N-62E Two-channel power supply. N-66E six-channel power supply. (Also available - C-414E1 Remote, with remotely selectable patterns. In nickel only) P-48 available in black only. KM stands and MCH cables. | N-62E Two-channel power supply. N-66E Six-channel power supply. KM stands. MCH cables. Available in black only. | N-62E Two-channel power supply. N-66E Six-channel power supply. Available in black only. | All CK series capsules may be used interchangeably on C-460, except CK-9. Also VR-2 and VR-12 extension tubes cannot be used. CK-1 Condenser capsule is available separately. AC and Battery power supplies. Available in black only. | For C-451EB preamp (available separately): -10 and -20 dB attenuation pads. 180° swivel joint. Short and long, bent and straight extension tubes. AC and Battery power supplies. CK-9 Condenser capsule is also available separately. Available in black only. | Available in nickel only. | H-48 cab MK-46/3 cable with ST-46 sn stand. |

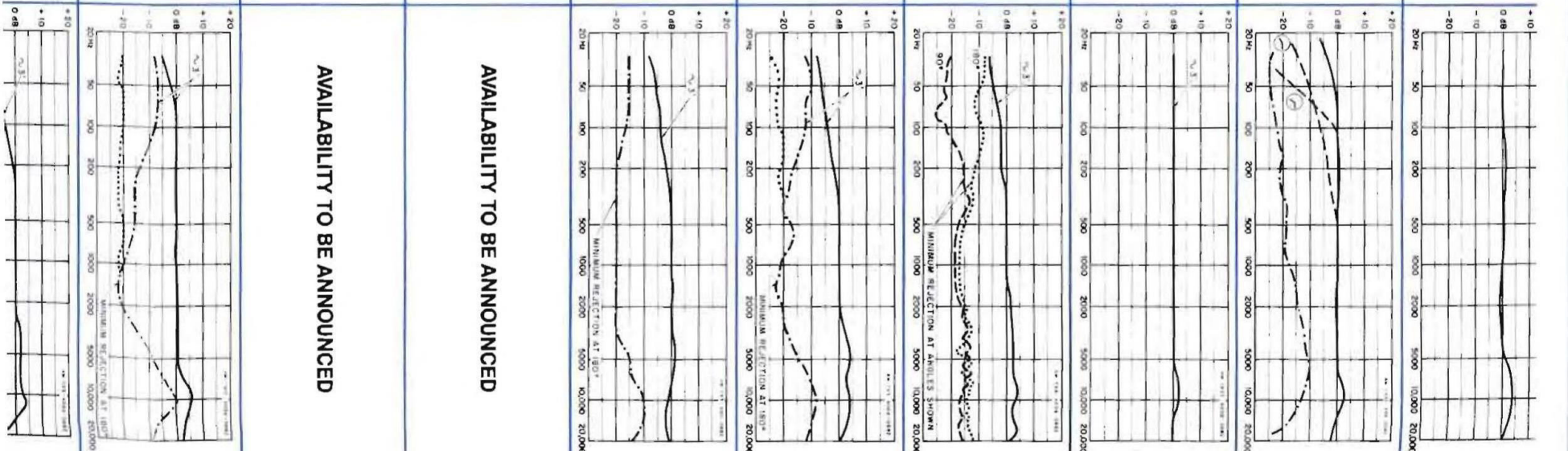
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| Model | CK-1S | CK-1X | CK-2X | CK-3 | CK-5 | CK-8 | CK-22 | C-535EB | C-567E (Lavaller) |
|-----------------|--|---|---|--|--|--|--|---|---|
| TYPE | CONDENSER CAPSULE | CONDENSER CAPSULE (Prepolarized) | CONDENSER CAPSULE (Prepolarized) | CONDENSER CAPSULE | CONDENSER CAPSULE | CONDENSER INTERFERENCE TUBE (8 1/2 inch Shotgun) | CONDENSER CAPSULE | CONDENSER (Prepolarized) | CONDENSER (Prepolarized) |
| PATTERN | CARDIOID (With rising response) | CARDIOID | OMNIDIRECTIONAL | HYPERCARDIOID | CARDIOID | DIRECTIONAL | OMNIDIRECTIONAL | CARDIOID | OMNIDIRECTIONAL |
| FREQUENCY RANGE | 20 - 20,000 Hz | 20 - 20,000 Hz | 20 - 20,000 Hz | 20 - 20,000 Hz | 20 - 20,000 Hz | 30 - 18,000 Hz | 20 - 20,000 Hz | 20 - 20,000 Hz | 20 - 20,000 Hz |
| SENSITIVITY | 9.5 mV/Pa -60.5 dBV* | | | 9.5 mV/Pa -60.5 dBV* | 9.5 mV/Pa -57 dBV* | 15 mV/Pa -57 dBV* | 8 mV/Pa -62 dBV* | 9 mV/Pa -61 dBV* | 6 mV/Pa -65 dBV* |
| IMPEDANCE | | | | | | | | 200 ohms | 200 ohms |
| PHANTOM | REQUIRES C-460B or C-451EB PREAMP | FOR USE WITH C-460B PREAMP ONLY | FOR USE WITH C-460B PREAMP ONLY | REQUIRES C-460B or C-451EB PREAMP | REQUIRES C-460B or C-451EB PREAMP | REQUIRES C-460B or C-451EB PREAMP | REQUIRES C-460B or C-451EB PREAMP | UNIVERSAL PHANTOM 9 to 52 V | UNIVERSAL PHANTOM 9 to 52 V |
| DESCRIPTION | Similar to CK-1, but with rising response between 2,000 and 10,000 Hz. Provides added "presence" and brilliance at normal working distances; or for preserving clarity at greater working distances. | Special capsule with cable extension for fish-pole, etc., applications. | Special capsule with cable extension for fish-pole, etc., applications. | Higher directivity compared to cardioid response. Better separation when used for multi-track recordings. Features increased gain before feedback. | Effective windscreen/pop filter plus shock-mounting makes this unit ideal for handheld use. Characteristics and response is similar to CK-1. | Designed for medium distance dialogue pickup in film and television. Also for handheld uses in noisy or feedback prone locations. High sensitivity over entire working distance. | Popular application for choruses and soloists in television and sound studios. Used in proximity to lips, no popping occurs. Has built-in wind and pop filter. | Internal four-position switch. 1) Condenser level 2) Condenser level 2) Condenser level 1,000 Hz cut-off 3) Dynamic level -14dB 4) Dynamic level 500 Hz roll-off. | Transducer system is elastically suspended. Minimum clothing noise. Ideal for voice pickup for strings and other musical instruments because of wide frequency range. |
| ACCESSORIES | Foam lined vinyl case. | | | Foam-lined vinyl case. | Foam-lined vinyl case. | W-18 Foam windscreen; Foam-lined vinyl case. | Foam-lined vinyl case. | SA-31 Stand adapter. | H-21 Tie clip; H-20 Tie pin; W-37 Wiremesh windscreen; H-16 Be adapter. Foam lined vinyl case. |
| OPTIONS | Available in nickel only. | H-48 cable hanger; MK-46/3 3 meter cable with connector; ST-46 small table stand. | H-48 cable hanger; MK-46/3 3 meter cable with connector; ST-46 small table stand. | Available in black only. | Available in black only. | Available in black only. | Available in black only. | W-31 Foam windscreen; KM Microphone stands; MCH Cables. AC and Battery power supplies. Available in black only. | Extremely small and inconspicuous. Satin black non-reflective surface. Snap-on windscreen eliminates vibration and popping. AC and Battery power supplies. Available in black only. |



AVAILABILITY TO BE ANNOUNCED

AVAILABILITY TO BE ANNOUNCED

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ACOUSTICS

DYNAMIC MICROPHONES



| TRANSducer PRINCIPLE | DYNAMIC | DYNAMIC | DYNAMIC | DYNAMIC | DYNAMIC | TWO-WAY DYNAMIC (Two transducers) |
|---------------------------------|---|---|---|---|--|--|
| POLAR PATTERN | CARDIOID | OMNIDIRECTIONAL | CARDIOID | OMNIDIRECTIONAL | CARDIOID | CARDIOID |
| FREQUENCY RANGE | 40 - 15,000 Hz | 50 - 16,000 Hz | 60 - 15,000 Hz | 40 - 15,000 Hz | 30 - 15,000 Hz | 20 - 18,000 Hz |
| SENSITIVITY AT 1,000 HZ | 2.2 mV/Pa -73 dBV* | 1.1 mV/Pa -79 dBV* | 1.9 mV/Pa -74 dBV* | 1.7 mV/Pa -76 dBV* | 1.6 mV/Pa -76 dBV* | 1.5 mV/Pa -76.5 dBV* |
| ELEC. IMPEDANCE AT 1,000 HZ | 290 ohms | 240 ohms | 210 ohms | 220 ohms | 280 ohms | 320 ohms |
| SPL FOR ≤ 1% THD AT 1,000 HZ | 128 dB | 130 dB | 128 dB | 128 dB | 130 dB | 124 dB |
| SPECIAL FEATURES | Large diaphragm system. Hum-compensation coil. Bass boost at 100 Hz. | Adjustable "presence" clip boosts high frequency response about 10 dB. Contoured characteristics overcomes chest resonance and "boominess." | Hum compensation coil. Elastically suspended transducer system. Built-in acoustic filter. Takes very tough handling. | Highly shock resistant for in-field news gathering. Omnidirectional characteristic provides no proximity effect. Field replaceable transducer system. | Excellent choice for general purpose public address. Also recording live instruments or general semi-professional use. Smooth response plus slight mid-frequency rise for natural sound. | Two-way Cardioid® exclusive design for complete absence of proximity effects. Three-position bass-cut switch (0, -6, -12dB at 50 Hz). Hum compensation coil. |
| INCLUDED ACCESSORIES | SA-30 Stand adapter Foam-lined vinyl case. | Tie clasp; Adjustable neck cord; 30 ft. lightweight cable. Foam-lined vinyl case. | SA-30 Stand adapter Foam-lined vinyl case. | SA-30 Stand adapter Foam-lined vinyl case. | SA-30 Stand adapter Foam-lined vinyl case. | SA-31 Stand adapter Foam-lined vinyl case. |
| OPTIONAL ACCESSORIES & COMMENTS | Low feedback susceptibility. Elastic suspension eliminates handling noise. Ideal for bass instrument pickup - kick-drum, guitar, trombone, Leslie, etc. KM series floor and boom stands; MCH Series low and high impedance cables. | Recommended for entertainers, panels and commentators for stage, TV, etc. KM series floor and boom stands; MCH Series low and high impedance cables. | W-31 Foam windscreen. Ideally designed to meet musician's requirements. KM series floor and boom stands; MCH Series low and high impedance cables. | W-31 Foam windscreen. KM series floor and boom stands; MCH Series low and high impedance cables. | D-190 ES has on-off switch. W-31 Foam windscreen. KM series floor and boom stands; MCH Series low and high impedance cables. | W-29/W-29A Front and rear foam windscreen. KM series floor and boom stands; MCH Series low and high impedance cables. |
| FREQUENCY RESPONSE CURVES | | | | | | |

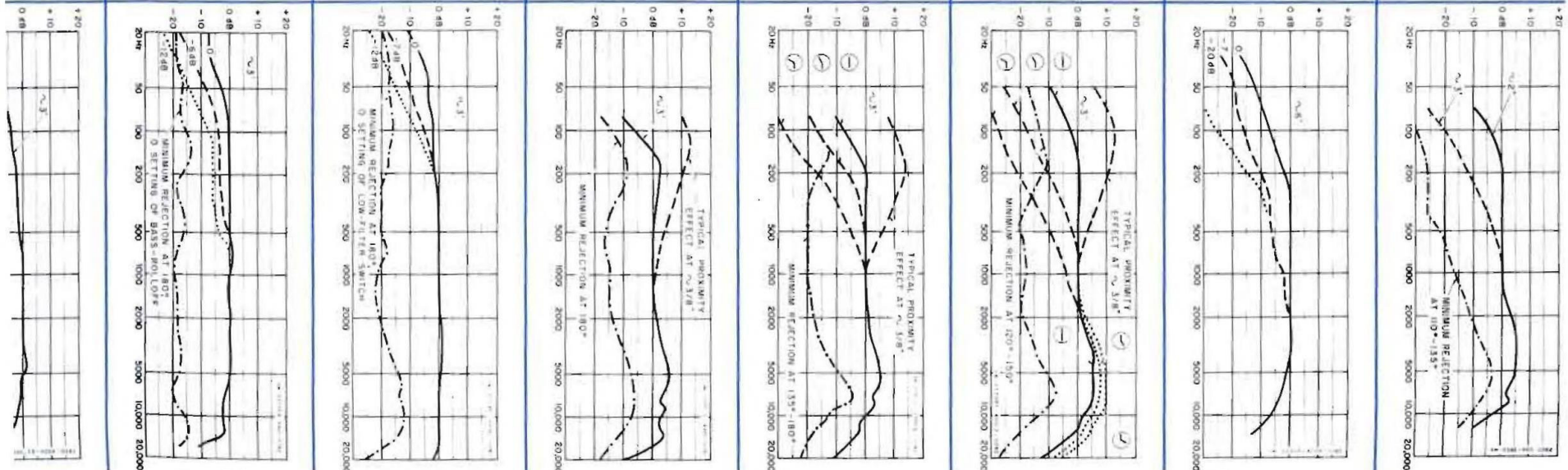
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|-----------------|-----------------------------------|-----------------------------------|--------------------|--------------------|--------------------|---|-------------------------|
| Model | D-222EB | D-224E | D-310/S | D-320B | D-330BT | D-900E | D-58E (Special Purpose) |
| Configuration | TWO-WAY DYNAMIC (Two transducers) | TWO-WAY DYNAMIC (Two transducers) | DYNAMIC | DYNAMIC | DYNAMIC | DYNAMIC INTERFERENCE TUBE (19 3/4 inch Shotgun) | DYNAMIC (Differential) |
| Pattern | CARDIOID | CARDIOID | CARDIOID | HYPERCARDIOID | HYPERCARDIOID | DIRECTIONAL | CARDIOID (LOBE) |
| Frequency Range | 20 - 18,000 Hz | 20 - 20,000 Hz | 60 - 18,000 Hz | 60 - 18,000 Hz | 50 - 20,000 Hz | 30 - 14,000 Hz | 75 - 13,000 Hz |
| Sensitivity | 1.5 mV/Pa -76.5 dBV* | 1.3 mV/Pa -78 dBV* | 1.3 mV/Pa -78 dBV* | 1.4 mV/Pa -77 dBV* | 1.2 mV/Pa -78 dBV* | 3 mV/Pa -70 dBV* | 0.72 mV/Pa -83 dBV* |
| Impedance | 320 ohms | 260 ohms | 270 ohms | 290 ohms | 370 ohms | 240 ohms | 240 ohms |
| Gain | 124 dB | 128 dB | 128 dB | 128 dB | 128 dB | 128 dB | 128 dB |

| | | | | | | | |
|-------------|--|--|--|---|---|---|---|
| Accessories | Two-way Cardioid® exclusive design for complete absence of proximity effects. Three-position bass-cut switch (0, -6, -12dB at 50 Hz). Hum compensation coil. | Two-way Cardioid® exclusive design for complete absence of proximity effects. Three-position bass-cut switch (0, -7, -12dB at 50 Hz). Hum compensation coil. | Slim-line housing. Built-in pop filter. Two-piece safety basket circumvents drop damage. Recommended where manipulation of "effects" is not desired. | Three-part safety grille and pop screen. Hum compensation coil. Plug-in transducer system. Three-position bass-control switch (0, -10, -20 dB at 100 Hz). | Shock-absorbing heavy stainless-steel mesh grille. Built-in foam filter. Hum compensation coil. Plug-in transducer system. Cable and handling noise cancellation system (second out-of-phase transducer). Base control switch (0, -15, -25 dB at 100 Hz). Presence boost switch (0, +2, +4 dB at 4,000 Hz). | Transducer coupled to 19 inch interference tube. Extreme directionality. Exceptional "collimated" reach to 3-4x normal working distance. Three-position bass-control switch (0, -7, -20 dB at 50 Hz) to reduce boom and wind noise. | Strong differential noise-cancelling characteristics. Best for communications, paging and talk-back applications, or in noisy environments. |
|-------------|--|--|--|---|---|---|---|

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|---------------|--|--|--|---|--|---|--|
| Stand Adapter | SA-31 Stand adapter Foam-lined vinyl case. | SA-30 Stand adapter; W-2 & W-2A Foam windscreens; Individual frequency curve. Foam-lined vinyl case. | SA-31 Stand adapter Foam-lined vinyl case. | SA-31 Stand adapter Foam-lined vinyl case. | SA-31 Stand adapter Foam-lined vinyl case. | SA-16/1 Stand adapter; Vinyl foam-lined carrying case. | Foam-lined vinyl case. |
| Windscreens | W-29/W-29A Front and rear foam windscreen. KM series floor and boom stands; MCH Series low and high impedance cables. | W-22 Wiremesh windscreen. Noted for uncolored sound for pickup. Especially suited for high sound level, wide frequency musical instruments. KM series floor and boom stands; MCH Series low and high impedance cables. | W-23 Foam windscreen. D-310S has on-off switch lockable in "on" position. KM series floor and boom stands; MCH Series low and high impedance cables. | W-23 Foam windscreen. Varied effects are created by three-step bass switch. Easily worked, minimal handling noise. KM series floor and boom stands; MCH Series low and high impedance cables. | W-23 Foam windscreen. Unusual design advancements indicate the D-300 series microphones to be a trouble-free, long-term equipment investment. KM series floor and boom stands; MCH Series low and high impedance cables. | SA-70/9 Pistol grip and boom-suspension adapter. H-7 Pistol grip. H-70 Boom suspension. W-19 Foam windscreen. Provides high quality speech reproduction with excellent rejection of ambient noise. KM series floor and boom stands; MCH Series low and high impedance cables. | 3-pin XLR type connector fastens to Flexible gooseneck GN-7E, GN-14E, GN-20E, (Numbers designate length in inches). KM series floor and boom stands; MCH Series low and high impedance cables. |



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