

# NEW LARGE-DIAPHRAGM CONDENSER MICROPHONES

Manufacturer	Model	Type	Polar Pattern <sup>±</sup>	LF Filter	Pad	Max SPL <sup>±, **</sup>	Retail	Notes
ADK Microphones; www.adkmic.com	S-7	Solid-State	Cardioid	100/150 Hz	8/18 dB	150 dB	\$479	Designed for moderate to high SPL applications; ships in wood box
ADK Microphones	S-7B	Solid-State	Cardioid	100/150 Hz	8/18 dB	150 dB	\$479	Transformerless FET version; more colored than S-7; ships in wood box
ADK Microphones	A-6	Solid-State	Cardioid	No	No	131 dB	\$399	Designed for uncolored response; ships in wood box
ADK Microphones	Berlin-47-AU	Solid-State	Cardioid	100/160 Hz	8/18 dB	134 dB	\$1,695	British Oxford transformer; Philips FET for gradual saturation
ADK Microphones	Cremona-251-AU	Solid-State	Cardioid	100/160 Hz	8/18 dB	134 dB	\$1,795	Extended high-end response; British Oxford transformer; Philips FET for gradual saturation
AKG; www.akeg.com	C 214	Solid-State	Cardioid	160 Hz	20 dB	136 dB	\$649	C 414 <sup>®</sup> -style capsule in single-pattern version; with shock-mount, windscreen and case
AKG	C 414B-XLS	Solid-State	9 Patterns	40/80/160 Hz	6/12/18 dB	158 dB	\$1,299	Peak-hold LED feature; with shock-mount, pop filter, windscreen and case; stereo pair set available
AKG	C 414B-XL II	Solid-State	9 Patterns	40/80/160 Hz	6/12/18 dB	152 dB	\$1,399	Voiced after AKG C 12; ships with shock-mount, pop filter, windscreen and case; stereo pair set available
AKG	Perception 820	Tube	9 Patterns	80 Hz	20 dB	155 dB	\$849	ECC83 triode-based tube electronics; ships with shock-mount and case
Audio-Technica; www.audio-technica.com	AT2035	Solid-State	Cardioid	80 Hz	10 dB	148 dB	\$249	Includes shock-mount
Audio-Technica	AT2050	Solid-State	O-C-Fig 8	80 Hz	10 dB	149 dB	\$369	Includes shock-mount
Audio-Technica	AT4047 mp	Solid-State	O-C-Fig 8	80 Hz	10 dB	165 dB	\$1,055	Essentially multipattern version of AT4047 sv; designed to emulate early FET mics; includes shock-mount
Audio-Technica	AT4050 st	Solid State	Stereo	80 Hz	10 dB	159 dB	\$1,625	Stereo version of AT4050; selectable L/R output (127° or 90°) or discrete mid-side output
Avant; www.avantelectronics.com	BV-1	Tube	9 Patterns	80 Hz	10 dB	144 dB	\$995	Bottle mic-style with tweed case, shock-mount, pop filter, wood box and Gotham cable; also available as stereo set
Avant	CV-12	Tube	9 Patterns	80 Hz	10 dB	146 dB	\$499	6072 tube-based electronics; ships with shock-mount, case and wood box
Blue; www.bluemicro.com	Bottle Rocket Stage One	Solid-State	O-C-Fig 8	No	No	138 dB	\$699	Interchangeable capsules; Class-A discrete electronics; ships with shock-mount
Blue	Bottle Rocket Stage One	Tube	O-C-Fig 8	No	No	139 dB	\$1,595	ECC88 tube-based discrete Class-A electronics; ships with shock-mount
Bock Audio; www.bockaudio.com	5-zero-7	Tube	Cardioid	No	No	N/A	\$7,350	Combines discrete tube electronics with Bock/Cardas elliptical capsule; ships with shock-mount and wood box
Brauner; www.braunerus.com	Valvet X Pure Cardioid	Tube	Cardioid	No	No	142 dB	\$3,150	Cardioid version of Valvet; ships with shock-mount, windscreen and case
Brauner	VM1 Pure Cardioid	Tube	Cardioid	No	No	142 dB	\$5,099	Cardioid version of VM1; ships with shock-mount and case
Brauner	VMX Pure Cardioid	Tube	Cardioid	No	No	142 dB	\$5,350	Cardioid version of VMX; ships with shock-mount, windscreen and case
CAD Audio; www.cadaudio.com	Equitek E100S	Solid-State	Supercardioid	80 Hz	10 dB	150 dB	\$799	Low 3.7dBA noise floor; ships with shock-mount and wood case
Charter Oak; www.charteroakacoustics.com	S700	Solid-State	Cardioid	No	No	125 dB	\$744	Front-address design; Class-A head amp; custom output transformer; ships with shock-mount and flight case
Equation Audio; www.equationaudio.com	F-20	Solid-State	Supercardioid	80 Hz	16 dB	150 dB	\$699	Includes gooseneck pop filter and case
Gauge Microphones; www.gauge-usa.com	ECM-87	Solid-State	Cardioid	No	No	128 dB	\$149	Ships with shock-mount and pop screen
Gauge Microphones	ECM-47	Tube	9 Patterns	No	No	135 dB	\$479	6072 tube-based electronics; ships with shock-mount, wooden box and pop screen
Josephson; www.josephson.com	C715	Solid-State	C-O	No	No	140 dB	\$4,560	Cascade FET amp; Lundahl transformer; internal shock-mounting; polar pattern is mechanically variable from cardioid to omni
JZ Microphones; www.jzmic.com	Vintage 47	Solid-State	Cardioid	No	No	134 dB	\$1,999	First in a series of mics emulating vintage models; voiced after U47; internal shock-mount; versatile swivel mount; low 6dBA noise spec
M-Audio; www.m-audio.com	Luna II	Solid-State	Cardioid	125 Hz	10 dB	140 dB	\$399	Class-A FET electronics; 3-micron diaphragm
Miktek; www.miktekaudio.com	CV4	Tube	9 Patterns	No	No	N/A	\$2,165	Features NOS telefunken tube and AMI BT4 transformer; ships with wood box, case and shock-mount
Miktek	CV7	Solid-State	C-O-Fig 8	120 Hz	10 dB	N/A	\$1,499	FET design; ships with wood box
Mojave; www.mojaveaudio.com	MA-201 FET	Solid-State	Cardioid	No	No	125 dB	\$695	FET version of MA-200; 3-micron capsule; ships with shock-mount
MXL; www.mxlms.com	Revelation	Tube	Infinitely variable	125 Hz	10 dB	138 dB	\$1,495	EF86 tube-based electronics; 6-micron capsule; ships with case and shock-mount
MXL	Trophy	Solid-State	Cardioid	No	No	142 dB	\$299	Features 6-micron capsule and customizable nameplate on front of mic.
MXL	V89	Solid-State	Cardioid	No	No	138 dB	\$599	6-micron capsule; ships with wood box and shock-mount
MXL	Cube	Solid-State	Cardioid	No	No	132 dB	\$149	FET mic designed for high-SPL instrumental and percussion sources; 6-micron capsule
Neumann; www.neumannusa.com	TLM 102	Solid-State	Cardioid	No	No	144 dB	\$1,020	Features 6kHz presence boost for vocal recording; transformerless design; available in black or nickel finishes
Neumann	TLM 67	Solid-State	C-O-Fig 8	180 Hz	10 dB	131 dB	\$3,458	K67 capsule is voiced to sound like U67; suspension mount optional
Pearl; www.independentaudio.com	ELM-A	Solid-State	C-O-Fig 8	No	No	126 dB	\$3,026	Dual outputs from large rectangular capsule can deliver stereo cardioid (back to back) or mono cardioid, omni or figure-8
Pearlman; www.pearlmanmicrophones.com	Church Microphone	Tube	C-O	No	No	N/A	\$3,500	Reissue of 1950s Stanley Church/MGM mic with Neumann capsule; 6072 tube; Triad transformer; ships with case and shock-mount
SE Electronics; www.seelectronics.com	X1	Solid-State	Cardioid	100 Hz	10 dB	125 dB	\$199	Non-reflective black-rubber finish; optional shock-mount
SE Electronics	T2	Solid-State	C-O-SC-Fig 8	50 Hz	10/20 dB	140 dB	\$1,199	Designed for vocals and high-transient sources like percussion; includes shock-mount
Shure; www.shure.com	PG-27	Solid-State	Cardioid	No	20 dB	154 dB	\$186	Also offered in USB version
Shure	PG-42	Solid-State	Cardioid	100 Hz	15 dB	145 dB	\$238	Ships with case and shock-mount; also offered in USB version
Shure	SM27	Solid-State	Cardioid	80/115 Hz	15 dB	148 dB	\$460	Low 9.7dBA noise performance
Sontronic; www.sontronicusa.com	Saturn	Solid-State	O-WC-C-HC-Fig 8	75/125 Hz	10/20 dB	130 dB	\$995	Ships with shock-mount and flight case
Sontronic	STC-2X	Solid-State	C-O	75-150	10/20 dB	N/A	TBA	Offered in silver and black finishes; ships with shock-mount and case
Sterling Audio; www.sterlingaudio.net	ST69	Tube	O-C-Fig 8	75 Hz	10 dB	140 dB	\$1,199	Based on Groove Tubes GT6205 tube; disk resonator extends HF response; ships with case and shock-mount
Studio Projects; www.studioprojects.com	CS1	Solid-State	Cardioid	50/75/150/300 Hz	5/10/15/20 dB	134 dB	\$399	FET electronics and 6-micron capsule; ships with shock-mount
Studio Projects	CS5	Solid-State	C-WC-O-HC-Fig 8	50/75/150/300 Hz	5/10/15/20 dB	136 dB	\$499	Multipattern version with FET electronics and 6-micron capsule; ships with shock-mount
Telefunken Elektroakustik; www.t-funk.com	AR-51	Tube	9 patterns	No	No	138 dB	\$1,995	R-F-T model based on Ela M 251; features NOS ECC81 tube
Telefunken Elektroakustik	ELA-M 251T	Tube	C-O-Fig 8	No	No	138 dB	P.O.A.	Has NOS Telefunken 6072A tube; ships with wood box and tweed case
Telefunken Elektroakustik	U-48	Tube	C-O-Fig 8	No	No	138 dB	\$10,495	Has Telefunken VF14K tube; ships with shock-mount, wood box and tweed case
Violet Design; www.violetusa.com	Garnet	Tube	9 patterns	No	No	130 dB	\$2,500	Class-A discrete tube electronics; includes shock-mount
Wunder Audio; www.wunderaudio.com	CM7 FET	Solid-State	C-O-Fig 8	No	No	128 dB	\$2,495	Based on U47 FET sound; has new K47 capsule; ships with wood box and shock-mount

\* Key to Polar Patterns:

C = cardioid; O = omnidirectional; HC = hypercardioid; WC = wide cardioid; SC = supercardioid; Fig 8 = figure-8. \*\* Max SPL spec is with any pads engaged.