

Microphone Manufacturers

PRODUCT/WEBSITE	LIST PRICE	TUBE OR SOLID-STATE?	POLAR PATTERN(S)	BASS ROLL-OFF (Hz)	PAD (dB)	FREQUENCY RESPONSE (Hz)	SELF-NOISE (dBA)	SENSITIVITY	MAX SPL (dB SPL)	INCLUDED ACCESSORIES	ADDITIONAL NOTES
ADK Hamburg II (www.adkmic.com)	\$1,299	SS	C	100, 160	8, 16	20-20k	<15	14 mV/Pa	134 (<0.5% THD)	SM	Unusual FET circuit saturates gradually.
ADK Vienna II	\$1,299	SS	C	100, 160	8, 16	20-20k	<15	14 mV/Pa	134 (<0.5% THD)	SM	Unusual FET circuit saturates gradually.
AKG Perception 100 (www.akg.com)	\$200	SS	C	None	None	20-20k	<16	18 mV/Pa	135 (<0.5% THD)	N/A	1-inch diaphragm. All-metal, screw-on stand adapter included.
AKG Perception 200	\$320	SS	C	300	10	20-20k	<16	18 mV/Pa	145 (<0.5% THD)	SM, FC	1-inch diaphragm. Elastic spider suspension.
AKG Perception 400	\$560	SS	MP: C, O, B	300	10	20-20k	<16	28 mV/Pa	145 (<0.5% THD)	SM, FC	1-inch diaphragm.
Audix CX112 (www.audixusa.com)	\$499	SS	C	150	10	20-20k, ± 3 dB	18	14 mV/Pa	145	SB	1.07-inch gold-vapor diaphragm. Copper-alloy body.
beyerdynamic MC 840 (www.beyerdynamic-usa.com)	\$2,249	SS	MP: O, WC, C, H, B	80, 160	10, 20	30-20k	N/A	18 mV/Pa	147	SM, SB	Double-diaphragm design.
Cascade M20u (www.cascade-microphones.com)	\$119	SS	C	100	10	20-20k	<17	-38.5 dB (0 dB=1V/Pa)	140 (<0.5% THD)	SM	5-micron, 1.07-inch diameter membrane. Class-A electronics.
CharterOak Acoustic Devices E700 (www.charteroakacoustics.com)	\$1,199	SS	MP: O, C, B	None	10, 20	25-20k, ± 1 dB	17	16 mV/Pa	125 (0.5% THD)	SM, FC	Dual 1.22-inch Mylar, gold-sputtered diaphragms. Class-A head amp.
DPA 4041-SP (www.dpamicrophones.com)	\$3,099	SS	O	None	None	20-20k	8	70 mV/Pa	134 peak	SB	Phantom-powered. Cartridge can also be used with high-voltage preamp.
DPA 4041-T2	\$3,099	T	O	None	None	10-20k	9	85 mV/Pa	144 peak	SB	Cartridge can be unscrewed for use with alternative preamp. Transformerless audio path.
Electro-Voice EV Blue Cardinal (www.electrovoice.com)	\$269	SS	C	N/A	N/A	35-20k	25	10.6 mV/Pa	148	N/A	Class-A, discrete amp circuitry. Body is brass and red cherry wood.
Gefell M950 (www.gefell-mics.com)	\$1,600	SS	WC	None	None	40-18k, ± 2 dB	6	20 mV/Pa	141 (<0.5% THD)	SB	Wide-pattern version of M930. Capsule amp is optically isolated from 48V for low self-noise.
Groove Tubes GT50 (www.groove-tubes.com)	\$399	SS	C	75	10	20-18k	22	32 mV/Pa	144	SB	Class-A FET. Shock-mount optional. Aluminum storage case. 3-micron diaphragm.
Groove Tubes GT60	\$699	T	C	75	10	20-20k	23	25 mV/Pa	140	PS, SM, SB	Aluminum storage case. 3-micron, evap.-gold diaphragm.
Korby Audio KAT Blue (www.korbyaudio.com)	\$3,499	T	C	None	None	30-20k	N/A	18 mV/Pa	125 (<0.5% THD)	PS, FC	All Korby mics are hand-tuned and customized.
Korby Audio KAT FET	\$1,999	SS	C	None	None	30-18k	N/A	18 mV/Pa	130 (<0.5% THD)	FC	All Korby mics are hand-tuned and customized.
Korby Audio KAT Red	\$3,499	T	C	None	None	30-18k	N/A	18 mV/Pa	125 (<0.5% THD)	PS, FC	All Korby mics are hand-tuned and customized.
Lauten Audio Horizon (www.lautenaudio.com)	\$650	T	C	N/A	10, 20	20-20k, ± 2 dB	20	32 mV/Pa	140 (0.5% THD)	PS, SB	Internally shock-mounted. Unspecified 1970s NOS military-grade tube.
M-Audio Sputnik (www.m-audio.com)	\$700	T	MP: O, C, B	80	10	20-20k, ± 1.5 dB	18	30 mV/Pa	142 (0.5% THD)	PS, SM, FC	3-micron, evaporated-gold, Mylar diaphragm. 6205 M tube. Brass body.
Marek Design RS1 (www.md-mics.com)	\$6,495	T	MP	None	27	10-25k	1.5	119 to 653 mV/Pa	170.3	PS, SM, FC	All-tube design. Six polar patterns. Line-level output for use without external mic pre.
Mojave Audio MA-200 (www.mojaveaudio.com)	\$995	T	C	None	None	20-20k, ± 3 dB	14	-37 dB re 1V/Pa, ± 1.5 dB	117 (<1% THD)	PS, SM, SB, FC	3-micron diaphragm, Jensen audio transformer, military-grade JAN 5840 tube.
MXL M3 Silicon Valve (www.mxl-mics.com)	\$399	SS	C	None	None	20-23k	18	22 mV/Pa	130 (0.5% THD)	SB	FET design mimics the sound of a tube mic.
Nady Systems SCM 960 (www.nady.com)	\$90	SS	MP: O, C	None	10, 20	25-20k, ± 3 dB	N/A	16 mV/Pa	125 (1% THD)	None	Options include flight case, SSM-3 shock-mount, FW-1 foam windscreen.
Neumann TLM 49 (www.neumann.com)	\$1,700	SS	C	None	None	20-20k	12	12 mV/Pa	110 (0.5% THD)	SM	Transformerless design with tube-simulation circuit.
Oktava MK-101 (www.oktavausa.com)	\$339	SS	C	N/A	10	20-20k	<18	16 mV/Pa	122 (0.5% THD)	SB	Optional black or silver finish.

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Oktava MK-105	\$469	SS	C	N/A	10	20-20k	< or = 18	10-16 mV/Pa	120 (0.5% THD)	SB	Optional black or silver finish.
Pacific Pro Audio PPA LD-2tube (www.pacificproaudio.com)	\$299	T	MP	None	None	20-20k	< or = 18	N/A	N/A	PS, SM, FC	Nine polar patterns. Dual-diaphragm design.
Red Type A (www.vintage-microphone.com)	\$1,995	T	Various	None	None	N/A	N/A	N/A	136 (0.5% THD)	PS, SM, FC	Accepts nine interchangeable capsules (five large-diaphragm).
Red Type B	\$699	SS	C	N/A	N/A	20-20k	<7.5	27 mV/Pa	138 dB (0.5% THD)	SM	7 other interchangeable, lollipop-style cardioid, omni and bi-directional capsules available.
sE Electronics Titan (www.seelectronics.com)	\$1,499	SS	MP: O, C, B	100	6	20-20k	14	20 mV/Pa	140 (0.5% THD)	SM, FC	Transformerless, Class-A. 1-inch titanium diaphragm.
Sontronics Helios (www.sontronics.com)	\$829	T	I	N/A	10	20-20k	18	20 mV/Pa	125 (0.5% THD)	PS, SM, SB, FC	Unspecified bass roll-off filter.
Sontronics Omega	\$699	T	C	N/A	10	20-20k	18	25 mV/Pa	125 (0.5% THD)	PS, SM, SB, FC	Unspecified bass roll-off filter.
Sontronics Orpheus	\$599	SS	O, C, B	N/A	10	20-20k	16	20 mV/Pa	125 (0.5% THD)	SB	Unspecified bass roll-off filter. Internal shock-mount.
Sontronics STC-2	\$299	SS	C	N/A	10	20-20k	18	20 mV/Pa	125 (0.5% THD)	SM, FC	Unspecified bass roll-off filter. Gold-sputtered capsule.
Soundelux E251C (www.soundeluxmics.com)	\$3,250	T	C	None	None	30-16k ±2 dB	18	19 mV/Pa	112 (0.5% THD)	PS, SM, SB	Brite/Normal switch. NOS GES 5670 tube. CK12-type capsule. Nearly linear distortion, primarily second harmonic.
Soundelux E47C	\$4,250	T	C	None	None	30-16k, ±2 dB	14	29 mV/Pa	112 (0.5% THD)	PS, SM, SB	NOS EF814 pentode. CK12-type capsule. Nearly linear distortion is primarily second harmonic.
Sterling Audio ST55 (www.sterlingaudio.net)	\$500	SS	C	75	10	20-18k	22	32 mV/Pa	144 (1% THD)	N/A	3-micron diaphragm uses Disk Resonator feature to boost very high frequencies.
Sterling Audio ST66	\$700	T	C	75	10	20-20k	23	35 mV/Pa	140 (1% THD)	PS, SM	3-micron diaphragm uses Disk Resonator feature to boost very high frequencies.
Studio Projects B1 (www.studioprojects.com)	N/A	SS	C	75, 150	10, 20	20-20k	12	N/A	132 (1% THD)	SM	Substantially redesigned version of the original B1.
Studio Projects B3	N/A	SS	MP: O, C, B	150	10	20-20k	15	N/A	132 (1% THD)	SM	Substantially redesigned version of the original B3.
Studio Projects C1	N/A	SS	C	75, 150	10, 20	20-20k	10	N/A	142 (1% THD)	SM, SB	Substantially redesigned version of the original C1.
Studio Projects C3	N/A	SS	MP: O, C, B	75, 150	10, 20	20-20k	12	N/A	139 (1% THD)	SM, SB	Substantially redesigned version of the original C3.
Studio Projects T3	N/A	T	MP: O, C, WC, HC, B	N/A	N/A	20-20k	18	14 mV/Pa	138 (1% THD)	PS, SM	Substantially redesigned version of the original T1.
Studio Projects TB1	N/A	T	C	N/A	N/A	20-20k	16	27 mV/Pa	128 (0.5% THD)	PS, SM	Substantially redesigned version of the original TB1.
Telefunken USA/R-F-T Funkwerk AK-47 (www.rffunkwerk.com)	\$1,599	T	MP	None	None	20-20k	20	14 mV/Pa	125 (1% THD)	PS, SM, SB	Nine polar patterns. NOS EF732 miniature tube. Handmade. Custom transformer.
Telefunken USA/R-F-T Funkwerk M16 Mk II	\$1,499	T	MP	None	None	20-20k	20	14 mV/Pa	125 (1% THD)	PS, SM, SB	Nine polar patterns. NOS GE JAN 6072 tube. Handmade. Custom transformer.
T.H.E. Audio KR-50 (www.theaudio.com)	\$996	SS	O	N/A	N/A	20-20k	7	15 mV/Pa	138 dB (0.5% THD)	N/A	Preamp module accepts interchangeable capsules.
Wunder Audio CM7 (www.wunderaudio.com)	\$5,495	T	O, C	None	None	20-20k, -3 dB	15	16.5 mV/Pa	132 dB (0.5% THD)	PS, SM, SB	Uses original, large-style U47 transformer (used in "Large Badge" U47s).

LEGEND: POLAR PATTERNS:
O: omni; C: cardioid; WC: wide cardioid; H: hypercardioid; B: bi-directional (figure-8); I: infinitely variable polar pattern; MP: switched multipattern

INCLUDED ACCESSORIES:
PS: power supply; SM: shock-mount; SB: storage box; FC: flight case

NOTES:
"Pad" indicates either a pre-attenuator placed before or a pad placed after the output of the built-in preamp. Max SPL reflects use of the mic with its pad—or in the case of mics offering two pad settings, its largest pad—engaged.