

ACCESSORIES

AKGPage 159

ACCESSORIES MATRIX (Continued)

		Windscreens																								
		PF80	W23	W30	W44	W48	W49	W68	W70	W77	W77 M	W77 P	W77 Set	W90	W98	W407	W414	W444	W547	W880	W1000	W3001				
Instrumental Microphones	C411 L C430																									
	D112 D40																									
Micro-mics	C519 M C518 M C516 ML				incl incl incl																					
	P5 P4 P2		opt																	opt						
	P3 S		opt																	opt						
CGS Micro-phones	D88 S D77 S D44 S D55 S		opt opt opt opt																	opt opt opt opt						
	Multichannel Wireless Systems	DHT700 DPT700 HT4500 PT4500 HT470 PT470 HT450 PT450																								
		Plug'n'Play Wireless Systems	DHT70 DPT70 HT45 PT45 HT40 Mini PT40 Mini																				opt			
			Gooseneck Microphones, Boundary Layer Microphones	CK31 CK32 CK33 CK47 GN GN E GN E5 Pin GN ESP GN155 Set CGN99 C CGN99 H CHM99 black			incl incl incl				incl															
Head-worm & Lavalier Micro-phones				C547 BL HC577 L C417 L C544 L CK77 WR								opt incl	opt 	incl 				incl 		incl 	incl 					

[illegible]

PATENTS

Patent Numbers	Description	Realted Products
AT 395.225 DE 4.103.784 JP 2.815.488	Electrostatic transducer	C12 VR, C214, C414 XLS, C414 XL II C4000 B, C4500 B-BC
AT 392.182 DE 4.021.661	Electrode support for condenser transducer	C5, C5 WL1, C451 B, C1000 S, C2000 B, CK91, CK92, CK93, CK94, CK98
T 403.751 US 6,185,809 EP 814.637 (DE, DK, FI, FR, GB, IT, NL)	Varimotion – multiple-thickness diaphragm for dynamic transducer	BBB DFive, D40, D5, D5 WL1, D7, D7 S, D7, WL1, D230, D770, K141 MK II, K171 MK II, K240 MK II, K271 MK II, K702
AT 407.322 US 6,351,543	Pressure compensation cavity for condenser transducer	CK77 WR, C577 WR, HC577
AT 411.513 US 6,510,231	Electrostatic transducer	C2000 B
US 6,622,820	Pop filter	C4500 B-BC
AT 408.706 US 6,639,991 ZL 01116806	Acoustics slot resistor for dynamic transducer	K141 MK II, K171 MK II, K240 MK II, K271 MK II
AT 408.280 GB 2.349.230 US 6,344,730	Remaining battery life	WMS450, WMS470, WMS4500, IVM4500
AT 410.994 ZL 021302618 US 6,619,969	Plug	GB40 FLEXX
AT 414.198 JP 3.984.595 US 7,172,052 ZL 200410003774.6 RU 2.282.954	3D-Axis folding mechanism	K181 DJ, K81 DJ
AT 413.923 RU 2.282.953 JP 3.984.954 ZL 200410003773.1 US 7,072,483	3D-Axis folding mechanism	IVM4500
ZL 0211301956	Stereo multiplex Encoder	SST4500, IVM4500
EP 641.143 (AT, DE, DK, FR, GB, NL, SE) JP 3.565.908 US 5.544.249	Method of Simulating Sound Impression	K702
AT 412.682 ZL 02131918.9 US 6,789,311 JP 4271919	Flat wire voice coil	HT4500, PT4500, CU4000, BP4000, SPR4500
US 7,439,706	Battery control	HT4500, PT4500, CU4000, BP4000, SPR4500
EP 1.923.994	Audio Compressor	IVM4, DMS700

KEY TO AKG PRODUCT NAMES

Here is a list of the prefixes and suffixes we use to designate the various types of products:

Microphone, Headphone, and System Prefixes	Accessory Prefixes	Microphone, Headphone, and System Suffixes
C Condenser microphone, e.g., C5	B Battery power supply, e.g., B18, B29 L	B Bass rolloff or bass cut filter, e.g., C568 B
CK Condenser microphone capsule, e.g., CK98	GNS Gooseneck system, e.g., GNS36	BL Boundary microphone, e.g., C400 BL
D Dynamic microphone, e.g., D5	H Support, e.g., H30	CM Ceiling mount microphone, e.g., C562 CM
GN Gooseneck for Discreet Acoustics Series microphones, e.g., GN15 E	MPA Phantom power adapter for microphones, e.g., MPA V L	E XLR connector. e.g., GN15 E. Also used for some earlier microphone models, to distin- guish versions with XLR connectors, e.g., C535 EB, from versions with DIN connectors
HSC Headset with condenser microphone, e.g., HSC271	MSH Gooseneck for microphones, e.g., MSH70	L Microphones or systems with miniature-XLR connector, e.g., C417 L
HSD Headset with dynamic microphone, e.g., HSD271	HSD Headset with dynamic microphone, e.g., HSD271	M Modular System like D3800M or C519 M
HT Handheld transmitter for wireless microphone systems, e.g., HT4500	SA Stand adapter, e.g., SA60, SA61	ML Microphones or systems with miniature-XLR connector, e.g., C518 ML
K Headphones, e.g., K240 MK II	ST Floor or table stand, e.g., ST1, ST45	/P Microphones in flesh-color finish, e.g., C477 WR L/P
PT Bodypack transmitter for wireless microphone systems, e.g., PT4500	W Windscreen, e.g., W23, W32	PP Microphones with phantom power adapter provided, e.g., C417 PP
SE Powering module for modular microphones, e.g., SE300 B		S On/off switch, e.g., D5 S
SR Stationary receiver for wireless microphone systems, e.g., SR4500		
WMS Wireless microphone system, e.g., WMS4500		

COMPARISON CHART

Large Diaphragm Condenser Microphones

Product	Polar Patterns	Technical Specification										
	Polar Pattern	Number of Patterns	Audio Frequency bandwidth	Sensitivity	Max SPL	Equivalent Noise Level	Signal to Noise	Preattenuation Pad	Bass Cut Filter	Electrical Impedance	Recommended Load Impedance	
C12 VR	omnidirectional, wide cardioid, cardioid, supercardioid, figure eight	9	30 ... 20000 Hz	10 mV/Pa	148 dB	32 dB-A	> 72 dB-A	-10 dB -20 dB	100 Hz, 6dB/octave 130 Hz, 12dB/octave	< 200 Ohms	> 1000 Ohms	
C2000 B	cardioid	1	30 ... 20000 Hz	20 mV/Pa	150 dB	20 dB-A	> 74 dB-A	10 dB	500 Hz, 6dB/octave	< 200 Ohms	> 1000 Ohms	
C214	cardioid	1	20 ... 20000 Hz	20 mV/Pa	156 dB	13 dB-A	> 81 dB-A	-20 dB	160 Hz, 6dB/octave	< 200 Ohms	> 1000 Ohms	
C3000	cardioid	1	20 ... 20000 Hz	20 mV/Pa	150 dB	14 dB-A	> 80 dB-A	-10 dB	500 Hz, 6dB/octave	< 200 Ohms	> 1000 Ohms	
C4000 B	omnidirectional, cardioid , hypercardioid	3	20 ... 20000 Hz	25 mV/Pa	155 dB	8 dB-A	> 86 dB-A	-10 dB	100 Hz, 12dB/octave	< 200 Ohms	> 1000 Ohms	
C414 XLII	omnidirectional, wide cardioid, cardioid , hypercardioid, figure eight	9	20 ... 20000 Hz	23 mV/Pa	158 dB	6 dB-A	> 88 dB-A	-6 dB -12 dB -18 dB	160 Hz, 6dB/octave 80 Hz, 12dB/octave 40 Hz, 12dB/octave	< 200 Ohms	> 2200 Ohms	
C414 XLS	omnidirectional, wide cardioid, cardioid , hypercardioid, figure eight	9	20 ... 20000 Hz	23 mV/Pa	158 dB	6 dB-A	> 88 dB-A	-6 dB -12 dB -18 dB	160 Hz, 6dB/octave 80 Hz, 12dB/octave 40 Hz, 12dB/octave	< 200 Ohms	> 2200 Ohms	
C4500 B-BC	cardioid	1	30 ... 20000 Hz	20 mV/Pa	155 dB	8 dB-A	> 86 dB-A	-20 dB	120 Hz, 6dB/octave	< 200 Ohms	> 1000 Ohms	
P120	cardioid	1	20 ... 20000 Hz	22 mV/Pa	150 dB	22 dB-A	> 62 dB-A	-20 dB	300 Hz, 12dB/octave	< 200 Ohms	> 1000 Ohms	
P120 USB	cardioid	1	20 ... 20000 Hz	-	-	-	-	-20 dB	120 Hz, 6dB/octave	-	-	
P220	cardioid	1	20 ... 20000 Hz	18 mV/Pa	155 dB	16 dB-A	> 78 dB-A	-20 dB	300 Hz, 12dB/octave	< 200 Ohms	> 1000 Ohms	
P420	omnidirectional, cardioid , figure eight	3	20 ... 20000 Hz	28 mV/Pa	155 dB	16 dB-A	> 78 dB-A	-20 dB	300 Hz, 12dB/octave	< 200 Ohms	> 1000 Ohms	
P820 Tube	omnidirectional, wide cardioid, cardioid , hypercardioid, figure eight	9	20 ... 20000 Hz	20 mV/Pa	155 dB	16 dB-A	> 78 dB-A	-20 dB	80 Hz, 12dB/octave	< 200 Ohms	> 1000 Ohms	

	Powering			Interface			Dimensions						Shipping
	Voltage Range	Phantompower from	Current Consumption	Type	Gender	Contacts	Width	Height	Length	Diameter	Finish	Net Weight	Weight
	48 VDC	-	-	-	Male	12-pin	-	225 mm (8.858 in)	-	42 mm (1.654 in)	green/gold	680 g (23.99 oz)	4.5 kg (9.92 lbs)
	9 ... 52 VDC	-	2 mA	Balanced XLR	Male	3-pin	-	160 mm (6.299 in)	-	53 mm (2.087 in)	silver gray	325 g (11.46 oz)	950 g (33.51 oz)
	12 ... 52 VDC	-	2 mA	Balanced XLR	Male	3-pin	56 mm (2.205 in)	160 mm (6.299 in)	-	-	matte grayish blue	280 g (9.88 oz)	1450 g (51.15 oz)
	9 ... 52 VDC	-	2 mA	Balanced XLR	Male	3-pin	-	162 mm (6.378 in)	-	19 ... 53 mm (0.748 ... 2.087 in)	silver gray	320 g (11.29 oz)	950 g (33.51 oz)
	9 ... 52 VDC	-	2 mA	Balanced XLR	Male	3-pin	-	183 mm (7.205 in)	-	58 mm (2.283 in)	silver gray	450 g (15.87 oz)	1 kg (2.2 lbs)
	48 VDC	-	4.5 mA	Balanced XLR	Male	3-pin	50 mm (1.969 in)	160 mm (6.299 in)	38 mm (1.496 in)	-	dark gray/gold	300 g (10.58 oz)	-
	48 VDC	-	4.5 mA	Balanced XLR	Male	3-pin	50 mm (1.969 in)	160 mm (6.299 in)	38 mm (1.496 in)	-	dark gray/silver	300 g (10.58 oz)	12340
	9 ... 52 VDC	-	2 mA	Balanced XLR	Male	3-pin	-	183 mm (7.205 in)	-	58 mm (2.283 in)	silver gray	450 g (15.87 oz)	1 kg (2.2 lbs)
	48 VDC	Power Supply/Power Supplies	3 mA	Balanced XLR	Male	3-pin	-	165 mm (6.496 in)	-	53 mm (2.087 in)	metallic blue	525 g (18.52 oz)	955 g (33.69 oz)
	-	USB Cable Perception 120	-	USB	-	-	-	165 mm (6.496 in)	-	53 mm (2.087 in)	matte grayish blue	460 g (16.23 oz)	1050 g (37.04 oz)
	48 VDC	Power Supply/Power Supplies	2 mA	Balanced XLR	Male	3-pin	-	165 mm (6.496 in)	-	53 mm (2.087 in)	metallic blue/nickel grille	525 g (18.52 oz)	1970 g (69.49 oz)
	48 VDC	-	2 mA	Balanced XLR	Male	3-pin	-	160 mm (6.299 in)	-	52 mm (2.047 in)	metallic blue/nickel grille	525 g (18.52 oz)	1970 g (69.49 oz)
	-	-	-	Balanced XLR	Male	7-pin	-	212 mm (8.346 in)	-	53 mm (2.087 in)	-	870 g (30.69 oz)	5.4 kg (11.9 lbs)

COMPARISON CHART

Small Diaphragm Condensor Microphones

Product	Technical Specification									
	Polar Pattern	Audio Frequency bandwidth	Sensitivity	Max SPL	Equivalent Noise Level	Signal to Noise	Preattenuation Pad	Bass Cut Filter	Electrical Impedance	
C5	cardioid	65 ... 20000 Hz	4 mV/Pa	140 dB 145 dB	25 dB-A	> 49 dB-A	-	-	< 200 Ohms	
C407	-	20 ... 20000 Hz	17 mV/Pa	118 dB 126 dB	34 dB-A	> 60 dB-A	-	-	< 200 Ohms	
C411 L	figure eight	10 ... 18000 Hz	2 mV/Pa	100 dB	-	-	-	-	< 200 Ohms	
C417 L	omnidirectional	20 ... 20000 Hz	17 mV/Pa	118 dB 126 dB	34 dB-A	> 60 dB-A	-	-	< 200 Ohms	
C430	cardioid	20 ... 20000 Hz	7 mV/Pa	130 dB	33 dB-A	> 61 dB-A	-	-	< 200 Ohms	
C451 B	cardioid	20 ... 20000 Hz	9 mV/Pa	155 dB	18 dB-A	> 76 dB-A	-	75 Hz, 12dB/octave 150 Hz, 12dB/octave	< 200 Ohms	
C516 ML	cardioid	60 ... 20000 Hz	5 mV/Pa	130 dB 132 dB	31 dB-A	> 63 dB-A	-	-	< 200 Ohms	
C518 M	cardioid	60 ... 20000 Hz	5 mV/Pa	130 dB 132 dB	31 dB-A	> 63 dB-A	-	-	< 200 Ohms	
C519 M	cardioid	60 ... 20000 Hz	5 mV/Pa	130 dB 132 dB	31 dB-A	> 63 dB-A	-	-	< 200 Ohms	
C520 M	cardioid	60 ... 20000 Hz	5 mV/Pa	130 dB 132 dB	31 dB-A	> 63 dB-A	-	-	< 200 Ohms	
C535 EB	cardioid	20 ... 20000 Hz	7 mV/Pa	130 dB 144 dB	21 dB-A	> 73 dB-A	-14 dB	100 Hz, 12dB/octave	< 200 Ohms	
C544 L	cardioid	20 ... 20000 Hz	40 mV/Pa	126 dB 130 dB	22 dB-A	> 72 dB-A	-	-	< 200 Ohms	
C555 L	cardioid	80 ... 20000 Hz	35 mV/Pa	126 dB 130 dB	22 dB-A	> 72 dB-A	-	-	< 200 Ohms	
C568 B	hypercardioid	20 ... 20000 Hz	11 mV/Pa	128 dB	18 dB-A	> 76 dB-A	-	120 Hz, 12dB/octave	< 600 Ohms	
C747 V11	hypercardioid	30 ... 18000 Hz	8.5 mV/Pa	133 dB	32 dB-A	> 73 dB-A	-	150 Hz, 12dB/octave	< 400 Ohms	
C1000 S	cardioid , hypercardioid	50 ... 20000 Hz	6 mV/Pa	137 dB	21 dB-A	> 73 dB-A	-	-	< 200 Ohms	
C391 B	cardioid	20 ... 20000 Hz	10 mV/Pa	132 dB 142 dB	17 dB-A	> 77 dB-A	10 dB	75 Hz, 12dB/octave	-	
C480 B Combo	cardioid	20 ... 20000 Hz	40 mV/Pa	134 dB 140 dB 144 dB	-	> 83 dB-A	6 dB -10 dB	100 Hz, 12dB/octave	< 150 Ohms	
C480 B ULS	-	20 ... 20000 Hz	-	-	-	-	6 dB -10 dB	100 Hz, 12dB/octave	-	
C547 BL	hypercardioid	30 ... 18000 Hz	8.5 mV/Pa	133 dB	22 dB-A	> 72 dB-A	-	150 Hz, 12dB/octave	-	
C562 CM	hemispherical	20 ... 20000 Hz	25 mV/Pa	130 dB	16 dB-A	> 78 dB-A	-	-	-	
CBL410 PCC	omnidirectional	20 ... 20000 Hz	3.88 mV/Pa	120 dB	-	> 58 dB-A typ.	-	-	-	
CBL99	hemispherical	20 ... 20000 Hz	20 mV/Pa	130 dB	16 dB-A	> 78 dB-A	-	-	-	
CHM99 black	cardioid	70 ... 18000 Hz	18 mV/Pa	125 dB	21 dB-A	> 73 dB-A	-	-	< 600 Ohms	
CK61 ULS	cardioid	20 ... 20000 Hz	40 mV/Pa	134 dB 140 dB 144 dB	11 dB-A	> 81 dB-A	-	-	< 150 Ohms	
CK62 ULS	omnidirectional	20 ... 20000 Hz	20 mV/Pa	134 dB 140 dB 144 dB	11 dB-A	> 83 dB-A	-	-	< 150 Ohms	

				Interface / Connectors			Dimensions				Technical Specification		Shipping
	Recommended Load Impedance	Voltage Range	Current Consumption	Type	Gender	Contacts	Length	Width	Diameter	Height	Finish	Net Weight	Weight
	> 2000 Ohms	9 ... 52 VDC	3 mA	Balanced XLR	Male	3-pin	-	-	51 mm (2.008 in)	185 mm (7.283 in)	matte grayish blue	345 g (12.17 oz)	660 g (23.28 oz)
	> 1000 Ohms	9 ... 52 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	7.5 mm (0.295 in)	15 mm (0.591 in)	matte black	68 g (2.4 oz)	220 g (7.76 oz)
	> 1000 Ohms	9 ... 52 VDC	2 mA	Mini XLR	Female	3-pin	9.7 mm (0.382 in)	14.2 mm (0.559 in)	-	26.7 mm (1.051 in)	matte black	18 g (0.63 oz)	150 g (5.29 oz)
	> 1000 Ohms	9 ... 52 VDC	2 mA	Balanced XLR	Female	3-pin	-	-	7.5 mm (0.295 in)	15 mm (0.591 in)	matte black	68 g (2.4 oz)	220 g (7.76 oz)
	> 2000 Ohms	9 ... 52 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	19 mm (0.748 in)	79 mm (3.11 in)	matte black	23 g (0.81 oz)	192 g (6.77 oz)
	> 1000 Ohms	9 ... 52 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	19 mm (0.748 in)	160 mm (6.299 in)	satın nickel plated	125 g (4.41 oz)	760 g (26.81 oz)
	> 2000 Ohms	9 ... 52 VDC	2 mA	Mini XLR	Female	3-pin	-	47 mm (1.85 in)	-	235 mm (9.252 in)	matte black	46 g (1.62 oz)	320 g (11.29 oz)
	> 2000 Ohms	9 ... 52 VDC	2 mA	Mini XLR	Female	3-pin	-	47 mm (1.85 in)	-	200 mm (7.874 in)	matte black	220 g (7.76 oz)	450 g (15.87 oz)
	> 2000 Ohms	9 ... 52 VDC	2 mA	Mini XLR	Female	3-pin	-	47 mm (1.85 in)	-	213 mm (8.386 in)	matte black	195 g (6.88 oz)	430 g (15.17 oz)
	> 2000 Ohms	9 ... 52 VDC	2 mA	Mini XLR	Female	3-pin	-	-	0 ... 134 mm (0 ... 5.276 in)	195 mm (7.677 in)	matte black	26 g (0.92 oz)	380 g (13.4 oz)
	> 600 Ohms	9 ... 52 VDC	2.5 mA	Balanced XLR	Male	3-pin	-	-	46 mm (1.811 in)	184 mm (7.244 in)	matte black	300 g (10.58 oz)	800 g (28.22 oz)
	> 2000 Ohms	9 ... 52 VDC	2 mA	Mini XLR	Female	3-pin	-	110 mm (4.331 in)	0 ... 130 mm (0 ... 5.118 in)	145 mm (5.709 in)	matte black	30 g (1.06 oz)	-
	> 2000 Ohms	9 ... 52 VDC	2 mA	Mini XLR	Female	3-pin	-	-	134 mm (5.276 in)	195 mm (7.677 in)	matte black	26 g (0.92 oz)	260 g (9.17 oz)
	> 2000 Ohms	9 ... 52 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	21 mm (0.827 in)	253 mm (9.961 in)	dark gray	160 g (5.64 oz)	-
	> 1500 Ohms	9 ... 52 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	9 ... 19 mm (0.354 ... 0.748 in)	-	stage blue	25 g (0.88 oz)	750 g (26.46 oz)
	> 2000 Ohms	9 ... 52 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	34 mm (1.339 in)	220 mm (8.661 in)	matte silver enamel	320 g (11.29 oz)	650 g (22.93 oz)
	> 1000 Ohms	52 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	19 mm (0.748 in)	146 mm (5.748 in)	dark gray	115 g (4.06 oz)	-
	> 2000 Ohms	48 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	21 mm (0.827 in)	-	matte black	650 g (22.93 oz)	-
	> 2000 Ohms	48 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	21 mm (0.827 in)	173 mm (6.811 in)	matte black	140 g (4.94 oz)	500
	> 1000 Ohms	9 ... 52 VDC	2 mA	Balanced XLR	Male	3-pin	120 mm (4.724 in)	185 mm (7.283 in)	-	19 mm (0.748 in)	matte dark gray	160 g (5.64 oz)	-
	> 2000 Ohms	9 ... 52 VDC	2 mA	Balanced XLR	Male	3-pin	12 mm (0.472 in)	-	20 mm (0.787 in)	28 mm (1.102 in)	matte nickel plated	30 g (1.06 oz)	-
	-	1.5 ... 5 VDC	-	Yesck Stereo (1/4")	Male	3-pin	114 mm (4.488 in)	114 mm (4.488 in)	-	21 mm (0.827 in)	black	159 g (5.61 oz)	-
	> 2000 Ohms	9 ... 52 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	80 mm (3.15 in)	5 mm (0.197 in)	matte black	56 g (1.98 oz)	-
	> 2000 Ohms	9 ... 52 VDC	3 mA	Balanced XLR	Male	3-pin	-	-	13.5 mm (0.531 in)	55 mm (2.165 in)	matte black or white	20 g (0.71 oz)	480 g (16.93 oz)
	> 2000 Ohms	48 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	21 mm (0.827 in)	27 mm (1.063 in)	matte black	25 g (0.88 oz)	500 g (17.64 oz)
	> 2000 Ohms	48 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	21 mm (0.827 in)	27 mm (1.063 in)	matte black	25 g (0.88 oz)	150 g (5.29 oz)

COMPARISON CHART

Small Diaphragm Condensor Microphones (Continued)

Product	Technical Specification									
	Polar Pattern	Audio Frequency bandwidth	Sensitivity	Max SPL	Equivalent Noise Level	Signal to Noise	Preattenuation Pad	Bass Cut Filter	Electrical Impedance	
CK63 ULS	hypercardioid	20 ... 20000 Hz	20 mV/Pa	134 dB 140 dB 144 dB	11 dB-A	> 83 dB-A	-	100 Hz	< 150 Ohms	
CK69 ULS	hypercardioid	20 ... 18000 Hz	27 mV/Pa	134 dB 140 dB 142 dB	9 dB-A	> 85 dB-A	-	-	< 150 Ohms	
CK77 WR	omnidirectional	20 ... 20000 Hz	8 mV/Pa	133 dB	37 dB-A	> 68 dB-A	-	-	< 3500 Ohms	
CK91	cardioid , cardioid	20 ... 20000 Hz	10 mV/Pa	132 dB 142 dB	17 dB-A	> 77 dB-A	-	-	< 200 Ohms	
CK92	omnidirectional, omnidirectional	20 ... 20000 Hz	10 mV/Pa	132 dB 142 dB	17 dB-A	> 77 dB-A	-	-	< 200 Ohms	
CK93	hypercardioid, hypercardioid	20 ... 20000 Hz	10 mV/Pa	132 dB 142 dB	17 dB-A	> 77 dB-A	-	-	< 200 Ohms	
CK94	figure eight, figure eight	20 ... 20000 Hz	10 mV/Pa	132 dB 142 dB	22 dB-A	> 72 dB-A	-	-	< 200 Ohms	
CK97	cardioid	150 ... 18000 Hz	40 mV/Pa	120 dB	28 dB-A	> 66 dB-A	-	-	< 4000 Ohms	
CK98	hypercardioid	20 ... 20000 Hz	25 mV/Pa	124 dB 134 dB	17 dB-A	> 77 dB-A	10 dB	75 Hz, 12dB/octave	< 200 Ohms	
CK99 L	cardioid	15 ... 18000 Hz	8.8 mV/Pa	118 dB	34 dB-A	> 60 dB-A	-	-	< 200 Ohms	
CM311	cardioid	50 ... 17000 Hz	1.25 mV/Pa	148 dB	26 dB-A	> 68 dB-A	-	-	< 75 Ohms	
HC577 L	omnidirectional	20 ... 20000 Hz	8 mV/Pa	133 dB	26 dB-A	> 68 dB-A	-	-	< 3500 Ohms	
MB3	supercardioid	50 ... 15000 Hz	22 mV/Pa	120 dB	22 dB-A	> 72 dB-A	-	-	-	
MB4	supercardioid	50 ... 15000 Hz	22 mV/Pa	120 dB	22 dB-A	> 72 dB-A	-	-	-	
P170	cardioid	20 ... 20000 Hz	12 mV/Pa	135 dB 155 dB	21 dB-A	> 73 dB-A	-	300 Hz, 12dB/octave	< 200 Ohms	
PCC130	cardioid	50 ... 20000 Hz	22 mV/Pa	120 dB	22 dB-A	> 72 dB-A	-	-	-	
PCC160	supercardioid	50 ... 18000 Hz	22 mV/Pa	120 dB	22 dB-A typ.	> 72 dB-A	-	-	-	
PCC170	supercardioid	50 ... 20000 Hz	22 mV/Pa	120 dB	22 dB-A	> 72 dB-A	-	-	-	
PZM10	hemispherical	80 ... 20000 Hz	2.5 mV/Pa	120 dB	26 dB-A	> 68 dB-A	-	-	-	
PZM10 LL	hemispherical	80 ... 20000 Hz	2.5 mV/Pa	120 dB	26 dB-A	> 68 dB-A	-	-	-	
PZM11	hemispherical	80 ... 20000 Hz	5 mV/Pa	120 dB	26 dB-A	> 68 dB-A	-	-	-	
PZM11 LL WR	hemispherical	80 ... 10000 Hz	5 mV/Pa	100 dB	26 dB-A	> 68 dB-A	-	-	-	
PZM185	hemispherical	50 ... 16000 Hz	0.8 mV/Pa	120 dB	21 dB-A	> 73 dB-A	-	-	-	
PZM30 D	hemispherical	20 ... 20000 Hz	7 mV/Pa	150 dB	-	> 74 dB-A	-	-	-	
PZM6 D	hemispherical	20 ... 20000 Hz	7 mV/Pa	150 dB	-	> 74 dB-A	-	-	-	
SE300 B	-	20 ... 20000 Hz	-	-	-	> 77 dB-A	10 dB	75 Hz, 12dB/octave	-	
Sound Grabber II	hemispherical	50 ... 16000 Hz	20 mV/Pa	120 dB	-	> 73 dB-A	-	-	< 0	

				Interface / Connectors			Dimensions				Technical Specification		Shipping
	Recommended Load Impedance	Voltage Range	Current Consumption	Type	Gender	Contacts	Length	Width	Diameter	Height	Finish	Net Weight	Weight
	> 2000 Ohms	48 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	21 mm (0.827 in)	27 mm (1.063 in)	matte black	25 g (0.88 oz)	150 g (5.29 oz)
	> 2000 Ohms	48 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	21 mm (0.827 in)	27 mm (1.063 in)	matte black	70 g (2.47 oz)	500 g (17.64 oz)
	> 10000 Ohms	1.5 ... 12 VDC	0.6 mA	Mini XLR	Female	3-pin	-	-	5.5 mm (0.217 in)	14 mm (0.551 in)	various matte colors	0.4 g (0.01 oz)	85 g (3 oz)
	-	9 ... 52 VDC	2 mA	bayonet mount	-	-	-	-	19 mm (0.748 in)	51 mm (2.008 in)	dark gray	35 g (1.23 oz)	200 g (7.05 oz)
	> 1000 Ohms	9 ... 52 VDC	2 mA	bayonet mount	-	-	-	-	19 mm (0.748 in)	51 mm (2.008 in)	dark gray	35 g (1.23 oz)	200 g (7.05 oz)
	> 1000 Ohms	9 ... 52 VDC	2 mA	bayonet mount	-	-	-	-	19 mm (0.748 in)	51 mm (2.008 in)	dark gray	35 g (1.23 oz)	200 g (7.05 oz)
	> 1000 Ohms	9 ... 52 VDC	2 mA	bayonet mount	-	-	-	-	19 mm (0.748 in)	59 mm (2.323 in)	dark gray	45 g (1.59 oz)	200 g (7.05 oz)
	> 10000 Ohms	1 ... 12 VDC	-	Mini XLR	Female	3-pin	-	-	-	-	matte dark gray	6 g (0.21 oz)	-
	> 1000 Ohms	9 ... 52 VDC	2 mA	bayonet mount	-	-	-	-	0 ... 19 mm (0 ... 0.748 in)	262 mm (10.315 in)	dark gray	80 g (2.82 oz)	500 g (17.64 oz)
	> 2000 Ohms	1.5 ... 10 VDC	2 mA	Mini XLR	Female	3-pin	-	-	8 mm (0.315 in)	23 mm (0.906 in)	matte black	2.5 g (0.09 oz)	115 g (4.06 oz)
	-	18 ... 48 VDC	-	Mini XLR	Female	3-pin	17.76 cm (6.99 in)	13.97 cm (5.5 in)	-	7.62 cm (3 in)	satın black	61 g (2.15 oz)	-
	> 10000 Ohms	1.5 ... 12 VDC	0.6 mA	Mini XLR	Female	3-pin	-	-	145 mm (5.709 in)	205 mm (8.071 in)	flesh tone	28 g (0.99 oz)	150 g (5.29 oz)
	-	12 ... 48 VDC	-	Balanced XLR	Male	3-pin	-	-	27 mm (1.063 in)	84 mm (3.307 in)	satın black	78 g (2.75 oz)	-
	-	12 ... 48 VDC	-	Balanced XLR	Male	3-pin	38 mm (1.496 in)	-	-	15 mm (0.591 in)	satın black	97 g (3.42 oz)	-
	> 1000 Ohms	48 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	22 mm (0.866 in)	160 mm (6.299 in)	metallic blue	130 g (4.59 oz)	455 g (16.05 oz)
	-	12 ... 48 VDC	-	Switchcraft TB3M	Male	3-pin	89 mm (3.504 in)	64 mm (2.52 in)	-	25 mm (0.984 in)	satın black	-	-
	> 2000 Ohms	12 ... 48 VDC	-	Switchcraft TA3F	-	3-pin	170 mm (6.693 in)	80 mm (3.15 in)	-	20 mm (0.787 in)	black	-	-
	-	12 ... 48 VDC	-	Switchcraft TB3M	Male	3-pin	123 mm (4.843 in)	86 mm (3.386 in)	-	23 mm (0.906 in)	black	-	-
	> 2000 Ohms	12 ... 48 VDC	-	Balanced XLR	Male	3-pin	-	-	39 mm (1.535 in)	72 mm (2.835 in)	off-white	74 g (2.61 oz)	93 g (3. 28 oz)
	> 2000 Ohms	12 ... 48 VDC	-	Balanced XLR	Male	3-pin	-	-	39 mm (1.535 in)	72 mm (2.835 in)	off-white	74 g (2.61 oz)	93 g (3.28 oz)
	-	12 ... 48 VDC	-	screw material	-	-	115 mm (4.528 in)	70 mm (2.756 in)	-	29 mm (1.142 in)	off-white	71 g (2.5 oz)	-
	-	12 ... 24 VDC	-	screw material	-	-	70 mm (2.756 in)	115 mm (4.528 in)	-	44 mm (1.732 in)	silver gray	71 g (2.5 oz)	-
	-	12 ... 48 VDC	-	Balanced XLR	Male	3-pin	150 mm (5.906 in)	87 mm (3.425 in)	-	19 mm (0.748 in)	satın black	-	-
	-	12 ... 48 VDC	-	Balanced XLR	Male	3-pin	152 mm (5.984 in)	127 mm (5 in)	-	19 mm (0.748 in)	black	-	-
	-	12 ... 48 VDC	-	Balanced XLR	Male	3-pin	76 mm (2.992 in)	63 mm (2.48 in)	-	9 mm (0.354 in)	black	-	-
	> 1000 Ohms	9 ... 52 VDC	2 mA	Balanced XLR	Male	3-pin	-	-	19 mm (0.748 in)	146 mm (5.748 in)	dark gray	-	-
	-	-	-	Yesck Mono (1/4")	Male	-	150 mm (5.906 in)	87 mm (3.425 in)	-	19 mm (0.748 in)	satın black	115 g (4.06 oz)	-

COMPARISON CHART

Dynamic Microphones

Product	Technical Specification						Interface			
	Polar Pattern	Max SPL	Audio Frequency bandwidth	Electrical Impedance	Sensitivity	Recommended Load Impedance	Type	Gender	Contacts	
BBB DFive	supercardioid	156 dB	70 ... 20000 Hz	< 600 Ohms	2.6 mV/Pa	> 2000 Ohms	Balanced XLR	Male	3-pin	
D112	cardioid	160 dB	20 ... 17000 Hz	< 210 Ohms	1.8 mV/Pa	> 2000 Ohms	Balanced XLR	Male	3-pin	
D230	omnidirectional	148 dB	40 ... 20000 Hz	< 320 Ohms	2.5 mV/Pa	> 2000 Ohms	Balanced XLR	Male	3-pin	
D40	cardioid	156 dB	75 ... 17000 Hz	< 200 Ohms	2.2 mV/Pa	> 2000 Ohms	Balanced XLR	Male	3-pin	
D44 S	cardioid	140 dB	70 ... 18000 Hz	< 600 Ohms	2.5 mV/Pa	> 2000 Ohms	Convertible Yesck Combo (1/4" and 1/8")	Male	3-pin	
D5	supercardioid	156 dB	70 ... 20000 Hz	< 600 Ohms	2.6 mV/Pa	> 2000 Ohms	Balanced XLR	Male	3-pin	
D55 S	cardioid	142 dB	70 ... 18000 Hz	< 600 Ohms	2.5 mV/Pa	> 2000 Ohms	Convertible Yesck Combo (1/4" and 1/8")	Male	3-pin	
D58 E	hypercardioid	130 dB	7 ... 10000 Hz	< 240 Ohms	0.72 mV/Pa	> 500 Ohms	Balanced XLR	Male	3-pin	
D7	supercardioid	156 dB	70 ... 20000 Hz	< 600 Ohms	2.6 mV/Pa	> 2000 Ohms	Balanced XLR	Male	3-pin	
D77 S	cardioid	144 dB	40 ... 20000 Hz	< 600 Ohms	2.5 mV/Pa	> 2000 Ohms	Balanced XLR	Male	3-pin	
D770	cardioid	156 dB	60 ... 20000 Hz	< 600 Ohms	2.2 mV/Pa	> 2000 Ohms	Balanced XLR	Male	3-pin	
D88 S	supercardioid	144 dB	40 ... 20000 Hz	< 580 Ohms	2.5 mV/Pa	> 2000 Ohms	Balanced XLR	Male	3-pin	
DGN99	cardioid	133 dB	150 ... 15000 Hz	< 530 Ohms	2.2 mV/Pa	> 2000 Ohms	Balanced XLR	Male	3-pin	
DST99 S	-	133 dB	150 ... 15000 Hz	< 530 Ohms	2.2 mV/Pa	> 2000 Ohms	Balanced XLR	Male	3-pin	
P2	cardioid	152 dB	20 ... 16000 Hz	< 400 Ohms	2.5 mV/Pa	> 2000 Ohms	Balanced XLR	Male	3-pin	
P3 S	cardioid	144 dB	40 ... 20000 Hz	< 600 Ohms	2.5 mV/Pa	> 2000 Ohms	Balanced XLR	Male	3-pin	
P4	cardioid	157 dB	20 ... 16000 Hz	< 500 Ohms	2.5 mV/Pa	> 2000 Ohms	Balanced XLR	Male	3-pin	
P5	supercardioid	144 dB	40 ... 20000 Hz	< 580 Ohms	2.5 mV/Pa	> 2000 Ohms	Balanced XLR	Male	3-pin	

	Dimensions				Technical Specification			Shipping	
	Height	Width	Diameter	Length	Body	Finish	Net Weight	Weight	Packaging
	-	-	51 mm (2.008 in)	185 mm (7.283 in)	Metall	matte grayish blue	340 g (11.99 oz)	420 g (14.82 oz)	Card box
	115 mm (4.528 in)	70 mm (2.756 in)	-	150 mm (5.906 in)	Metall	dark gray/silver	380 g (13.4 oz)	990 g (34.92 oz)	Card box
	280 mm (11.024 in)	50 mm (1.969 in)	-	-	Metall	dark gray	225 g (7.94 oz)	840 g (29.63 oz)	Card box
	79 mm (3.11 in)	-	44 mm (1.732 in)	104 mm (4.094 in)	Metall	dark stage blue	245 g (8.64 oz)	380 g (13.4 oz)	Card box
	-	-	53 mm (2.087 in)	226 mm (8.898 in)	Plastic	black	210 g (7.41 oz)	1010 g (35.63 oz)	Card box
	-	-	51 mm (2.008 in)	185 mm (7.283 in)	Metall	matte grayish blue	340 g (11.99 oz)	650 g (22.93 oz)	Card box
	-	-	52.5 mm (2.067 in)	243 mm (9.567 in)	Metall	black	250 g (8.82 oz)	1050 g (37.04 oz)	Card box
	-	-	0 ... 20 mm (0 ... 0.787 in)	42 mm (1.654 in)	Metall	matte black	40 g (1.41 oz)	-	-
	-	-	51 mm (2.008 in)	185 mm (7.283 in)	Metall	matte grayish blue	340 g (11.99 oz)	655 g (23.1 oz)	Card box
	-	-	52.5 mm (2.067 in)	178 mm (7.008 in)	Metall	zinc/alloy diecast	260 g (9.17 oz)	1150 g (40.57 oz)	Card box
	-	-	50 mm (1.969 in)	181 mm (7.126 in)	Metall	black	290 g (10.23 oz)	650 g (22.93 oz)	Card box
	-	-	52.5 mm (2.067 in)	186 mm (7.323 in)	Metall	black	260 g (9.17 oz)	1150 g (40.57 oz)	Card box
	-	-	34 mm (1.339 in)	345 mm (13.583 in)	-	matte black	-	-	Card box
	160 mm (6.299 in)	300 mm (11.811 in)	-	120 mm (4.724 in)	-	matte black	-	-	-
	132 mm (5.197 in)	-	60 mm (2.362 in)	130 mm (5.118 in)	Metall	black	400 g (14.11 oz)	700 g (24.69 oz)	Card box
	-	-	51 mm (2.008 in)	191 mm (7.52 in)	Metall	black	320 g (11.29 oz)	600 g (21.16 oz)	Card box
	78 mm (3.071 in)	-	44 mm (1.732 in)	110 mm (4.331 in)	Metall	black	245 g (8.64 oz)	450 g (15.87 oz)	Card box
	-	-	51 mm (2.008 in)	190 mm (7.48 in)	Metall	matte black	320 g (11.29 oz)	600 g (21.16 oz)	Card box

COMPARISON CHART

Gooseneck Microphones

Product	Technical Specification											
	Polar Pattern	Audio Frequency bandwidth	Sensitivity	Max SPL	Equivalent Noise Level	Signal to Noise	Bass Cut Filter	Electrical Impedance	Recommended Load Impedance	Voltage Range	Current Consumption	
GN	-	20 ... 20000 Hz	-	-	-	-	250 Hz	-	> 2000 Ohms	9 ... 52 VDC	3 mA	
GN E	-	20 ... 20000 Hz	-	-	-	-	250Hz	-	> 2000 Ohms	9 ... 52 VDC	3 mA	
GN E5 Pin	-	20 ... 20000 Hz	-	-	-	-	-	-	> 6000 Ohms	9 ... 52 VDC	3 mA	
GN ESP	-	20 ... 20000 Hz	-	-	-	-	-	-	> 2000 Ohms	9 ... 52 VDC	3.5 mA	
GN155 Set	-	20 ... 20000 Hz	-	-	-	-	-	-	> 2000	9 ... 52 VDC	3 mA	
HM1000	-	-	-	-	-	-	250 Hz	-	> 2000 Ohms	9 ... 52 VDC	2 mA	
CK31	cardioid	50 ... 20000 Hz	20 mV/Pa	125 dB	21 dB-A	> 73 dB-A	-	< 600 Ohms	> 2000 Ohms	9 ... 52 VDC	3 mA	
CK32	omnidirectional	20 ... 20000 Hz	14 mV/Pa	125 dB	20 dB-A	> 74 dB-A	-	< 600 Ohms	> 2000 Ohms	9 ... 52 VDC	3 mA	
CK33	hypercardioid	50 ... 20000 Hz	20 mV/Pa	125 dB	21 dB-A	> 73 dB-A	-	< 600 Ohms	> 2000 Ohms	9 ... 52 VDC	3 mA	
CK47	hypercardioid	20 ... 20000 Hz	16.5 mV/Pa	133 dB	20 dB-A	> 74 dB-A	-	< 600 Ohms	> 2000 Ohms	9 ... 52 VDC	3 mA	
CK80	hypercardioid	60 ... 15000 Hz	30 mV/Pa	125 dB	17 dB-A	> 77 dB-A	-	< 600 Ohms	> 2000 Ohms	9 ... 52 VDC	3 mA	
CGN99 C	cardioid	70 ... 18000 Hz	-	125 dB	21 dB-A	> 73 dB-A	250 Hz	< 600 Ohms	> 2000 Ohms	9 ... 52 VDC	3 mA	
CGN99 H	hypercardioid	50 ... 19000 Hz	12 mV/Pa	125 dB	21 dB-A	> 73 dB-A	-	< 600 Ohms	> 2000 Ohms	9 ... 52 VDC	3 mA	

	Interface / Connectors			Dimensions		Technical Specification		Shipping
	Type	Gender	Contacts	Diameter	Height	Finish	Net Weight	Weight
	Balanced XLR	Male	3-pin	20 mm (0.787 in)	-	matte dark gray	-	-
	Balanced XLR	Male	3-pin	20 mm (0.787 in)	-	matte dark gray	-	-
	Balanced XLR	Male	3-pin	20 mm (0.787 in)	1490 mm (58.661 in)	matte dark gray	-	-
	Balanced XLR	Male	3-pin	20 mm (0.787 in)	-	matte dark gray	-	-
	Balanced XLR	Male	3-pin	20 mm (0.787 in)	1490 mm (58.661 in)	matte dark gray	-	4.8 kg (10.58 lbs)
	Balanced XLR	Male	3-pin	13.5 mm (0.531 in)	50 mm (1.969 in)	matte dark gray	400 g (14.11 oz)	-
	Modular Series standard	-	-	13.5 mm (0.531 in)	20 mm (0.787 in)	matte dark gray	5 g (0.18 oz)	88 g (3.1 oz)
	Modular Series standard	-	-	13.5 mm (0.531 in)	20 mm (0.787 in)	matte dark gray	5 g (0.18 oz)	88 g (3.1 oz)
	Modular Series standard	-	-	13.5 mm (0.531 in)	20 mm (0.787 in)	matte dark gray	5 g (0.18 oz)	88 g (3.1 oz)
	Modular Series standard	-	-	13.5 mm (0.531 in)	200 mm (7.874 in)	matte dark gray	39 g (1.38 oz)	248 g (8.75 oz)
	Modular Series standard	-	-	13.5 mm (0.531 in)	146 mm (5.748 in)	matte dark gray	15 g (0.53 oz)	208 g (7.34 oz)
	Balanced XLR	Male	3-pin	13.5 mm (0.531 in)	380 mm (14.961 in)	matte black	160 g (5.64 oz)	480 g (16.93 oz)
	Balanced XLR	Male	3-pin	13.5 mm (0.531 in)	380 mm (14.961 in)	black	160 g (5.64 oz)	480 g (16.93 oz)

COMPARISON CHART

Wireless Handheld-Transmitter

Product	Technical Specification									
	Modulation	Encryption	RF Range	Switching bandwidth	Frequency selection	Number of selectable frequencies	Switchable RF Power	Pilot Tone		
DHT70	OFDM	128 bit AES	30 m (Free line of sight)	-	-	Frequency hopping	-	-		
DHT700	Digital FSK	512 bit AES	100 m (depending on antenna system)	155 MHz	selectable frequency in 25kHz steps	6160	-	Yes		
HT40 Mini	FM	-	20 m (Free line of sight)	-	-	1 Fixfrequenz	No	No		
HT45	FM	-	30 m (Free line of sight)	30 MHz	-	8 Fixfrequenzen	-	No		
HT450	FM	-	100 m (depending on antenna system)	30 MHz	selectable frequency in 25kHz steps	1220	No	No		
HT470	FM	-	100 m (depending on antenna system)	30 MHz	selectable frequency in 25kHz steps	1220	-	Yes		
HT4500	FM	-	100 m (depending on antenna system)	30 MHz	selectable frequency in 25kHz steps	1220	Yes	Yes		

Wireless Bodypack-Transmitter

Product	Technical Specification									
	Modulation	Encryption	RF Range	Switching bandwidth	Frequency selection	Number of selectable frequencies	Maximum recommended simultaneous channels	Switchable RF Power	Diversity	Pilot Tone
PT470	FM	-	100m (depending on antenna system)	30 MHz	selectable frequency in 25kHz steps	1220	24	No	Space Diversity	Yes
DPT70	OFDM	128 bit AES	30m (Free line of sight)	-		Frequency hopping	8	-	Digital Diversity	-
DPT700	Digital FSK	512 bit AES	100m (depending on antenna system)	155 MHz	selectable frequency in 25kHz steps	6160	32	-	Digital Diversity	Yes
PT40 Mini	FM	-	20m (Free line of sight)	-		1 Fixfrequenz	3	No	None	No
PT45	FM	-	30m (Free line of sight)	30 MHz		8 Fixfrequenzen	5	-	None	No
PT450	FM	-	100m (depending on antenna system)	30 MHz	selectable frequency in 25kHz steps	1220	16	-	Space Diversity	No
PT4500	FM	-	100m (depending on antenna system)	30 MHz	selectable frequency in 25kHz steps	1220	50	No	True Diversity	Yes

Technical Specification										Battery 1	Design		Dimensions			
	Audio Frequency bandwidth	THD at 1 kHz	Microphone head versions	Maximum recommended simultaneous channels	Diversity	Signal to Noise	Interchangeable Microphone Head	No of Batteries	Batterietyp	Operating Time	Body	Finish	Width	Height	Length	Net Weight
	70 ... 20000 Hz	0.05 %	-	8	Digital Diversity	> 120 dB-A typ.	No	2	LR6 AA alkaline battery	> 6 h	Plastic	black	-	-	-	260 g (9.17 oz)
	25 ... 20000 Hz	0.05 % typ.	-	32	Digital Diversity	> 120 dB-A typ.	No	2	LR6 AA alkaline battery	> 8 h	Metall	black	34 mm (1.339 in)	230 mm (9.055 in)	51 mm (2.008 in)	336 g (11.85 oz)
	40 ... 20000 Hz	0.8 % typ.	-	3	None	> 110 dB-A typ.	No	1	LR6 AA alkaline battery	> 30 h	Plastic	black	52 mm (2.047 in)	230 mm (9.055 in)	-	195 g (6.88 oz)
	70 ... 20000 Hz	0.8 % typ.	-	5	None	> 105 dB-A typ.	No	1	LR6 AA alkaline battery	> 8 h	Plastic	black	51 mm (2.008 in)	237 mm (9.331 in)	-	214 g (7.55 oz)
	35 ... 20000 Hz	0.7 % typ.	-	16	Space Diversity	> 120 dB-A typ.	No	1	LR6 AA alkaline battery	> 6 h	Plastic	black	51 mm (2.008 in)	237 mm (9.331 in)	-	240 g (8.47 oz)
	35 ... 20000 Hz	0.7 % typ.	-	24	Space Diversity	> 120 dB-A typ.	No	1	LR6 AA alkaline battery	> 6 h	Plastic	black	51 mm (2.008 in)	237 mm (9.331 in)	-	240 g (8.47 oz)
	35 ... 20000 Hz	0.3 % typ.	D5 WL1, C5 WL1 C535 WL1, D7 WL1	50	True Diversity	> 120 dB-A typ.	Yes	2	LR6 AA alkaline battery	> 15 h	Metall	black	50 mm (1.969 in)	247 mm (9.724 in)	-	125 g (4.41 oz)

	Technical Specification			Audio Input			Mute Switch Interface		Battery 1			Design		Dimensions			
	Audio Frequency bandwidth	THD at 1 kHz	Signal to Noise	Type	Contacts	Gender	Type	Gender	No of Batteries	Batterietyp	Operating Time	Body	Finish	Width	Height	Length	Net Weight
	35 ... 20000 Hz	0.7 % typ.	> 120 dB-A typ.	Mini XLR	3-pin	Female	-	-	1	LR6 AA alkaline battery	> 6 h	Plastic	black	60 mm (2.362 in)	73.5 mm (2.894 in)	30 mm (1.181 in)	90 g (3.17 oz)
	20 ... 20000 Hz	0.05 % typ.	> 120 dB-A typ.	Mini XLR	3-pin	Female	-	-	2	LR6 AA alkaline battery	> 6 h	Plastic	black	28 mm (1.102 in)	92 mm (3.622 in)	64 mm (2.52 in)	70 g (2.47 oz)
	25 ... 20000 Hz	0.05 % typ.	> 120 dB-A typ.	Mini XLR	3-pin	Female	Yesck Mono (1/8")	Female	2	LR6 AA alkaline battery	> 8	Metall	black	64 mm (2.52 in)	82 mm (3.228 in)	22 mm (0.866 in)	82 g (2.89 oz)
	40 ... 20000 Hz	0.8 % typ.	> 110 dB-A typ.	Mini XLR	3-pin	Female	-	-	1	LR6 AA alkaline battery	> 30 h	Plastic	black	30 mm (1.181 in)	75.5 mm (2.972 in)	60 mm (2.362 in)	60 g (2.12 oz)
	40 ... 20000 Hz	0.8 % typ.	> 105 dB-A typ.	Mini XLR	3-pin	Female	-	-	1	LT6 AA battery	> 30 h	Plastic	black	30 mm (1.181 in)	75.5 mm (2.972 in)	60 mm (2.362 in)	60 g (2.12 oz)
	35 ... 20000 Hz	0.7 % typ.	> 120 dB-A typ.	Mini XLR	3-pin	Female	-	Female	1	LR6 AA alkaline battery	> 6 h	Plastic	black	60 mm (2.362 in)	73.5 mm (2.894 in)	30 mm (1.181 in)	90 g (3.17 oz)
	35 ... 20000 Hz	0.3 % typ.	> 120 dB-A typ.	Mini XLR	3-pin	Female	Yesck Mono (1/8")	Female	2	LR6 AA alkaline battery	> 14 h	Metall	black	70 mm (2.756 in)	91 mm (3.583 in)	25 mm (0.984 in)	95 g (3.35 oz)

COMPARISON CHART

Wireless Stationary-Receiver

	Technical Specification										Antenna Interface				
	Modulation	Encryption	Diversity	Pilot Tone	Switching bandwidth	Frequency Selection	Number of selectable frequencies	Maximum recommended simultaneous channels	Wireless channels within device	RF Range	Amount	Type	Audio Frequency bandwidth	THD at 1 kHz	Signal to Noise
DSR70 Dual	OFDM	128 bit AES	Digital Diversity	-	-	-	Frequency hopping	4	2	30 m (Free line of sight)	2	External Antenna fixed	20 ... 20000 Hz	0.05 % typ.	> 120 dB-A typ.
DSR70 Quattro	OFDM	128 bit AES	Digital Diversity	-	-	-	Frequency hopping	8	4	30 m (Free line of sight)	2	External Antenna fixed	20 ... 20000 Hz	0.05 % typ.	> 120 dB-A typ.
DSR700	Digital FSK	512bit AES	Digital Diversity	-	155 MHz	selectable in 25 kHz steps	6160	32	2	100 m (depending on antenna system)	2	BNC	25 ... 20000 Hz	0.05 % typ.	> 120 dB-A typ.
SR40 Mini	FM	-	None	No	-	1 Fixed frequency	1	3	1	20 m (Free line of sight)	1	External Antenna fixed	40 ... 20000 Hz	0.8 % typ.	> 110 dB-A typ.
SR40 Mini Dual	FM	-	None	No	-	2 Fixed frequency	1	-	2	20 m (Free line of sight)	1	External Antenna fixed	40 ... 20000 Hz	0.8 % typ.	> 110 dB-A typ.
SR45	FM	-	Space Diversity	No	30 MHz	1 Fixed frequency	8	5	1	30 m (Free line of sight)	2	Internal Antenna fixed	40 ... 20000 Hz	0.8 % typ.	> 105 dB-A typ.
SR450	FM	-	Space Diversity	No	30 MHz	selectable in 25 kHz steps	1220	16	1	100 m (depending on antenna system)	2	BNC	35 ... 20000 Hz	0.3 % typ.	> 120 dB-A typ.
SR4500	FM	-	True Diversity	Yes	30 MHz	selectable in 25 kHz steps	1220	50	1	100 m (depending on antenna system)	2	BNC	35 ... 20000 Hz	0.3 % typ.	> 120 dB-A typ.
SR470	FM	-	Space Diversity	Yes	30 MHz	selectable in 25 kHz steps	1220	32	1	100 m (depending on antenna system)	2	BNC	35 ... 20000 Hz	0.3 % typ.	> 120 dB-A typ.

	Audio Outputs 1			Audio Outputs 2			Audio outputs 3		Data Interface			Powering Interface				Dimensions		
	Amount	Note	Type	Amount	Note	Type	Amount	Note	Amount	Note	Type	Internal Power Supply	Voltage Range	Current	Type	Width	Height	Length
	2	Mono audio output for each wireless channel	Balanced Yesck (1/4")	-	-	-	-	-	-	-	-	No	12 VDC	500 mA	DC Socket	202 mm (7.953 in)	44 mm (1.732 in)	124 mm (4.882 in)
	4	Mono audio output for each wireless channel	Balanced XLR	1	Sum audio ouput of all 4 mixed wireless channels	Balanced XLR	-	-	-	-	-	No	12 VDC	500 mA	DC Socket	303 mm (11.929 in)	42 mm (1.654 in)	144 mm (5.669 in)
	2	Analog balanced audio output	Balanced XLR	2	Analog unbalanced audio output	Unbalanced Yesck (1/4")	1	AES/EBU digital audio out for both channels (48kHz)	1	for Connection to optional HUB 4000 Q network concentrator for HiQnet systems and remote control	RJ 10 data (4P4C)	Yes	90 ... 240 VAC	400 mA	IEC Socket	480 mm (18.898 in)	43 mm (1.693 in)	222 mm (8.74 in)
	1	Unbalanced audio output level, adjustable at rated deviation: 500 mV	Unbalanced Yesck (1/4")	-	-	-	-	-	-	-	-	No	12 VDC	500 mA	DC Socket	133 mm (5.236 in)	43 mm (1.693 in)	132 mm (5.197 in)
	2	Unbalanced audio output level for each channel, adjustable at rated deviation: 500 mV	Unbalanced Yesck (1/4")	-	-	-	-	-	-	-	-	No	12 VDC	500 mA	DC Socket	-	-	-
	1	Balanced audio output adjustable from mic to line level. Output level at rated deviation: 500 mV rms	Balanced XLR	1	Unbalanced audio output	Yesck Mono (1/4")	-	-	-	-	-	No	12 VDC	500 mA	DC Socket	200 mm (7.874 in)	44 mm (1.732 in)	150 mm (5.906 in)
	1	Balanced audio output level switchable to -30 or 0 dBm	Balanced XLR	1	Unbalanced audio output	Unbalanced Yesck (1/4")	-	-	-	-	-	No	12 VDC	500 mA	Lockable DC Socket	202 mm (7.953 in)	44 mm (1.732 in)	177 mm (6.969 in)
	1	Analogue audio output level adjustable to -30, 0 +6 dB	Balanced XLR	1	Analogue audio output level adjustable to -30, 0 +6 dB	Unbalanced Yesck (1/4")	-	-	1	for connection to optional HUB 4000 Q for remote control via HiQnet	RJ 10 data (4P4C)	No	12 VDC	500 mA	Lockable DC Socket	200 mm (7.874 in)	44 mm (1.732 in)	198 mm (7.795 in)
	1	Balanced analogue audio output level switchable to -30 or 0 dBm	Balanced XLR	1	Unbalanced analogue audio output	Unbalanced Yesck (1/4")	-	-	-	-	-	No	12 VDC	500 mA	Lockable DC Socket	177 mm (6.969 in)	202 mm (7.953 in)	44 mm (1.732 in)

COMPARISON CHART

Network

Product	Data Interface					Data Interface Network				
	Amount	Gender	Contacts	Note	Type	Amount	Gender	Contacts	Note	Type
HUB4000 Q	8	Female	3-pin	for connection with AKG Wireless devices such as SR 4000, SR 4500, SST 4, SST 4500, DSR 700, DSR 700v2	RJ 10 data (4P4C)	1	Female	5-pin	for connection with HiQnet ethernet network	RJ 45 Ethernet

IVM Stationary-Transmitter

Product	Antenna Interface				Design		Data Interface					Dimensions			
	Amount	Gender	Note	Type	Body	Finish	Amount	Gender	Contacts	Note	Type	Width	Height	Depth	
SST4500	1	Male	for connection with external antennas	BNC	Metall	black	1	Female	3-pin	for connection to optional HUB 4000 Q for remote control via HiQnet	RJ 10 data (4P4C)	200 mm (7.874 in)	44 mm (1.732 in)	207 mm (8.15 in)	

IVM Bodypack-Receiver

Product	Antenna Interface		Audio Outputs 1					Battery 1			Design		Dimensions			
	Amount	Type	Amount	Gender	Contacts	Note	Type	No of Batteries	Batterietyp	Operating Time	Body	Finish	Width	Height	Length	
SPR4500	1	Internal Antenna fixed	1	Female	3-pin	Audio output for connection to in ear headphones	Yesck Mono (1/8")		LR6 AA alkaline battery	> 10 h	Plastic	black	70 mm (2.756 in)	105 mm (4.134 in)	24 mm (0.945 in)	

	Powering Interface				Design		Dimensions			Technical Specification
	Internal Power Supply	Voltage Range	Current	Type	Body	Finish	Width	Height	Length	Net Weight
	No	12 VDC	500 mA	Lockable DC Socket	Metall	matte black	200 mm (7.874 in)	440 mm (17.323 in)	136 mm (5.354 in)	970 g (34.22 oz)

	Powering Interface				Technical Specification	
	Internal Power Supply	Voltage Range	Current	Type	Wireless channels within device	Modulation
	No	12 VDC	500 mA	Lockable DC Socket	1	FM (MPX Stereo)

	Technical Specification									
	Net Weight	Number of selectable frequencies	Maximum recommended simultaneous channels	Diversity	Audio Frequency bandwidth	RF Range	THD at 1 kHz	Modulation	Switching bandwidth	Signal to Noise
	165 g (5.82 oz)	1220 (selectable frequencies in 25kHz steps)	24	None	35 ... 20000 Hz	100m (depending on antenna system)	0.8 % typ.	FM (MPX Stereo)	30 MHz	> 90 dB-A typ.

COMPARISON CHART

Antenna Splitter / Combiner

Product	Powering Interface			Type	Switching bandwidth (from/to)	Antenna Interface Input			Type	Antenna Interface Output			Type
	Internal Power Supply	Voltage Range	Current			Amount	Gender	Note		Amount	Gender	Note	
PS4000 W	No	12 VDC	-	Lockable DC Socket	500 ... 865 MHz	2	Male	RF input (50 Ohms)	BNC	4	Male	RF Output (50 Ohms)	BNC
ZAPD 21	-	-	-	-	500 ... 865 MHz	1	Male	RF input (50 Ohms)	BNC	2	Male	RF output (50 Ohms)	BNC
SPC4500	No	12 VDC	900 mA	Lockable DC Socket	500 ... 865 MHz	4	Male	RF input (50 Ohms)	BNC	1	-	RF Output (50 Ohms)	BNC

Antennas

Product	Technical Specification			Antenna Interface Output				Powering Interface	Design		Dimensions			
	Antenna Gain	Covering Angle	Switching bandwidth (from/to)	Amount	Gender	Note	Type	Voltage Range	Body	Finish	Width	Height	Length	Net Weight
RA4000 B/W	17 dB	360	500 ... 865 MHz	1	Male	RF output (50 Ohms)	BNC	8 VDC	Plastic	black	38 mm (1.496 in)	220 mm (8.661 in)	38 mm (1.496 in)	65 g (2.29 oz)
RA4000 W	17 dB	360	500 ... 865 MHz	1	Male	RF output (50 Ohms)	BNC	8 VDC	Plastic	black	38 mm (1.496 in)	220 mm (8.661 in)	-	65 g (2.29 oz)
SRA2 B/W	4.5 dB	70	500 ... 865 MHz	1	Male	RF output (50 Ohms)	BNC	8 VDC	Plastic	black	26 mm (1.024 in)	230 mm (9.055 in)	240 mm (9.449 in)	250 g (8.82 oz)
SRA2 W	4.5 dB	70	500 ... 865 MHz	1	Male	RF output (50 Ohms)	BNC	8 VDC	Plastic	black	26 mm (1.024 in)	230 mm (9.055 in)	240 mm (9.449 in)	250 g (8.82 oz)

Power Supplies

Product	Powering Input			Powering Output			Dimensions			Design		Net Weight
	Gender	Voltage Range	Type	Output Current	Output Voltage	Amount	Gender	Type	Width	Height	Length	
ASU4000	-	-	-	-	-	-	-	-	50 mm (1.969 in)	78 mm (3.071 in)	50 mm (1.969 in)	167 g (5.89 oz)
PSU4000	Male	90 ... 264 VAC	Lockable DC Socket	2.5 A 2 A 2 A	12 VDC 12 VDC 12 VDC	3	Male	Lockable DC Socket	200 mm (7.874 in)	44 mm (1.732 in)	190 mm (7.48 in)	1300 g (45.86 oz)

	Powering Interface				Design		Dimensions			
	Internal Power Supply	Voltage Range	Current	Type	Body	Finish	Width	Height	Length	Net Weight
	No	12 VDC	-	Lockable DC Socket	Metal	black	200 mm (7.874 in)	44 mm (1.732 in)	190 mm (7.48 in)	970 g (34.22 oz)
	-	-	-	-	Metal	silver gray	-	-	-	-
	No	12 VDC	900 mA	Lockable DC Socket	Metal	black	200 mm (7.874 in)	44 mm (1.732 in)	190 mm (7.48 in)	1193 g (42.08 oz)

Booster

Product	Technical Specification	Antenna Interface Input				Antenna Interface Output				Design		Dimensions		
	Switching bandwidth (from/to)	Amount	Gender	Note	Type	Amount	Gender	Note	Type	Body	Finish	Height	Length	Net Weight
AB4000	500 ... 865 MHz	1	Male	RF input (50 Ohms)	BNC	1	Male	RF output (50 Ohms)	BNC	Metall	black	35 mm (1.378 in)	110 mm (4.331 in)	150 g (5.29 oz)

Charging Units

Product	Technical Specification			Powering	Design		Dimensions			Net Weight
	Charging current	Charging time	Number of charging slots		Body	Finish	Width	Height	Depth	
CU400	0.7 ... 1.4 A	1.5 ... 3 h	for 2 HT400/450/470 and PT400/450/470	5 VDC	Plastic	black	188 mm (7.402 in)	115 mm (4.528 in)	78 mm (3.071 in)	420 g (14.82 oz)
CU4000	1.2 ... 1.2 A	1 h	for 2 HT4000/4500 or PT4000/4500	12 VDC	Plastic	black	173 mm (6.811 in)	85 mm (3.346 in)	30 mm (1.181 in)	70 g (2.47 oz)
CU700	-	2 h	for 2 DHT700 or DPT700	12 VDC	Plastic	black	197 mm (7.756 in)	83 mm (3.268 in)	87.5 mm (3.445 in)	620 g (21.87 oz)

COMPARISON CHART

Headsets / Headphones

Product	Technical Specification							Interface / Connectors			Finish		
	Headphone type	Audio Frequency bandwidth	Sensitivity headphones	Max. Input Power	Rated Impedance	Earpads	Detachable cable	Type	Gender	Contacts	Interface Finish	Finish	
HSC171	closed	20 ... 20000 Hz	107 dB/V	< 200 mW	55 Ohms	leatherette velvet	Yes	Mini XLR	Male	6-pin	Gold	-	
HSC271	closed	20 ... 20000 Hz	104 dB/V	< 200 mW	55 Ohms	leatherette velvet	Yes	Mini XLR	Male	6-pin	Gold	-	
HSD171	closed	18 ... 26000 Hz	107 dB/V	-	55 Ohms	leatherette velvet	Yes	Mini XLR	Male	6-pin	Gold	-	
HSD271	closed	16 ... 28000 Hz	104 dB/V	-	55 Ohms	leatherette velvet	Yes	Mini XLR	Male	6-pin	Gold	-	
K702	open-back	10 ... 39800 Hz	105 dB/V	< 200 mW	62 Ohms	-	Yes	Convertible Yesck Combo (1/4" and 1/8")	Male	3-pin	Gold	-	
K271 MKII	closed	16 ... 28000 Hz	104 dB/V	< 200 mW	55 Ohms	leatherette velvet	Yes	Screw-on Yesck Combo (1/4" and 1/8")	Male	3-pin	Gold	-	
K240 MKII	semi-open	15 ... 25000 Hz	104 dB/V	< 200 mW	55 Ohms	leatherette velvet	Yes	Screw-on Yesck Combo (1/4" and 1/8")	Male	3-pin	-	-	
K171 MKII	supraaural/ closed-back	18 ... 26000 Hz	104 dB/V	< 200 mW	55 Ohms	leatherette velvet	Yes	Screw-on Yesck Combo (1/4" and 1/8")	Male	3-pin	Gold	-	
K141 MKII	semi-open	18 ... 24000 Hz	114 dB/V	< 200 mW	55 Ohms	leatherette velvet	Yes	Screw-on Yesck Combo (1/4" and 1/8")	Male	3-pin	Gold	-	
K99 Perception	semi-open	18 ... 22000 Hz	112 dB/V	< 200 mW	32 Ohms	-	No	Convertible Yesck Combo (1/4" and 1/8")	-	3-pin	-	-	
K77 Perception	semi-closed	18 ... 20000 Hz	115 dB/V	< 200 mW	32 Ohms	-	No	Convertible Yesck Combo (1/4" and 1/8")	Male	3-pin	-	-	
K44 Perception	semi-closed	18 ... 20000 Hz	115 dB/V	< 200 mW	32 Ohms	-	No	Convertible Yesck Combo (1/4" and 1/8")	Male	3-pin	-	-	
K20	-	18 ... 20000 Hz	102 dB SPL/1 mW	-	32 Ohms	-	No	Yesck Stereo (1/8")	Male	3-pin	Gold	-	
K10	supraaural/ closed-back	100 ... 13000 Hz	98 dB SPL/1 mW	-	360 Ohms	-	No	TS mini jack plug	Male	2-pin	Gold	black	
IP2	closed	12 ... 23500 Hz	121	-	16	-	No	Yesck Stereo (1/8")	Male	3-pin	-	-	

	Dimensions			Technical Specification										Shipping
	Width	Height	Length	Net Weight	Microphone Type	Polar Pattern	Audio Frequency bandwidth	Sensitivity	Equivalent Noise Level	Max SPL	Electrical Impedance	Recommended Load Impedance	Current Consumption	Weight
	-	-	-	250 g (8.82 oz)	prepolarized condenser	cardioid	20 ... 20000 Hz	25 mV/Pa	22 dB-A	126 dB	< 200 Ohms	> 2000 Ohms	2 mA	-
	-	-	-	300 g (10.58 oz)	prepolarized condenser	cardioid	20 ... 20000 Hz	25 mV/Pa	22 dB-A	126 dB	< 200 Ohms	> 2000 Ohms	2 mA	-
	205 mm (8.071 in)	200 mm (7.874 in)	85 mm (3.346 in)	-	dynamic	hypercardioid	60 ... 17000 Hz	1 mV/Pa	15 dB-A	124 dB 128 dB	< 600 Ohms	> 2000 Ohms	-	725 g (25.57 oz)
	205 mm (8.071 in)	200 mm (7.874 in)	110 mm (4.331 in)	-	dynamic	hypercardioid	60 ... 17000 Hz	1 mV/Pa	15 dB-A	124 dB 128 dB	< 600 Ohms	> 2000 Ohms	-	760 g (26.81 oz)
	199 mm (7.835 in)	212 mm (8.346 in)	113 mm (4.449 in)	235 g (8.29 oz)	-	-	-	-	-	-	-	-	-	-
	205 mm (8.071 in)	200 mm (7.874 in)	110 mm (4.331 in)	240 g (8.47 oz)	-	-	-	-	-	-	-	-	-	550 g (19.4 oz)
	190 mm (7.48 in)	200 mm (7.874 in)	110 mm (4.331 in)	240 g (8.47 oz)	-	-	-	-	-	-	-	-	-	550 g (19.4 oz)
	185 mm (7.283 in)	190 mm (7.48 in)	85 mm (3.346 in)	240 g (8.47 oz)	-	-	-	-	-	-	-	-	-	500 g (17.64 oz)
	190 mm (7.48 in)	200 mm (7.874 in)	85 mm (3.346 in)	225 g (7.94 oz)	-	-	-	-	-	-	-	-	-	550 g (19.4 oz)
	185 mm (7.283 in)	215 mm (8.465 in)	86 mm (3.386 in)	210 g (7.41 oz)	-	-	-	-	-	-	-	-	-	400 g (14.11 oz)
	185 mm (7.283 in)	215 mm (8.465 in)	86 mm (3.386 in)	190 g (6.7 oz)	-	-	-	-	-	-	-	-	-	400 g (14.11 oz)
	170 mm (6.693 in)	215 mm (8.465 in)	86 mm (3.386 in)	190 g (6.7 oz)	-	-	-	-	-	-	-	-	-	400 g (14.11 oz)
	60 mm (2.362 in)	160 mm (6.299 in)	135 mm (5.315 in)	119 g (4.2 oz)	-	-	-	-	-	-	-	-	-	-
	165 mm (6.496 in)	200 mm (7.874 in)	-	72 g (2.54 oz)	-	-	-	-	-	-	-	-	-	110 g (3.88 oz)
	-	-	-	3	-	-	-	-	-	-	-	-	-	-

COMPARISON CHART

Auto Mixer

Product	General			Control interface		Input 1								
	Bits	Operating temperature range	Sampling Rate	Amount	Note	Audio Frequency bandwidth	Nominal level	Type	Maximum audio level	Amount	Gender	Contacts	Note	
DMM4/2/2	24	5 ... 45	48 kHz	1	I/Os on a 26 pin Sub-D connector for remote control via logic contacts and VCA	20 ... 16000 Hz	-60 dB	Balanced XLR	15 dB	4	Female	3-pin	Mic/Line audio input with 48V DC phantom power	
DMM4/2/4	24	5 ... 45	48 kHz	1	I/Os on a 26 pin Sub-D connector for remote control via logic contacts and VCA	20 ... 16000 Hz	-60 dB	Balanced XLR	15 dB	4	Female	3-pin	Mic/Line audio inputs with 48V DC phantom power	

Product	Output 1							Output 2							
	Audio Frequency bandwidth	Type	Maximum audio level	Amount	Gender	Contacts	Note	Amount	Audio Frequency bandwidth	Gender	Contacts	Maximum audio level	Note	Type	
DMM4/2/2	20 ... 20000 Hz	Balanced XLR	10 dB	1	Male	3-pin	Line mono audio output	2	20 ... 20000 Hz	Female	3-pin	10 dB	Recording audio output (left and right)	RCA/Cinch	
DMM4/2/4	20 ... 20000 Hz	Balanced XLR	10 dB	1	Male	3-pin	Line stereo audio output	1	20 ... 20000 Hz	Male	3-pin	10 dB	Recording stereo audio output	RCA/Cinch	

	Input 2							PC control interface		Powering			
	Audio Frequency bandwidth	Maximum audio level	Type	Amount	Gender	Contacts	Note	Amount	Note	Type	Voltage Range	Internal Power Supply	Current
	20 ... 22000 Hz	15 dB	RCA/Cinch	2	-	2-pin	AUX audio inputs	-	-	IEC Socket	100 ... 240 VAC	Yes	150 mA
	20 ... 22000 Hz	15 dB	RCA/Cinch	2	Female	3-pin	AUX audio inputs	1	RS232 for PC remote control	IEC Socket	100 ... 240 VDC	Yes	150 mA

	PC control interface		Powering				Design		Weight/Dimensions			
	Amount	Note	Type	Voltage Range	Internal Power Supply	Current	Body	Finish	Width	Height	Length	Net Weight
	-	-	IEC Socket	100 ... 240 VAC	Yes	150 mA	Metall	black	203 mm (7.992 in)	44 mm (1.732 in)	483 mm (19.016 in)	3.5 kg (7.72 lbs)
	1	RS232 for PC remote control	IEC Socket	100 ... 240 VDC	Yes	150 mA	Metall	black	203 mm (7.992 in)	44 mm (1.732 in)	483 mm (19.016 in)	3.5 kg (7.72 lbs)

COMPARISON CHART

CS5 Base Unit

Product	System Interface			Infrared Out				Audio Output General				Audio Output Interface 1			
	Amount	Note	Type	Interface Name	Amount	Gender	Type	Number of languages	Audio Frequency bandwidth	Signal to Noise	Output Level	Recommended Load Impedance	Interface Name	Type	Amount
CS5 BU	2	for connection with microphone stations	RJ 45 Ethernet	Infrarot Out	2	Male	BNC	63	20 ... 20000 Hz	> 85 dB-A	0 ... 6 dB	> 1000 Ohms	Line Out	Balanced XLR	1

Product	Audio Input General		Audio Input Interface 1			Audio Input Interface 2			Audio Input Interface 3			Audio Input Interface 4			Audio Input Interface 5				
	Maximum audio level	Electrical Impedance	Interface Name	Type	Amount	Interface Name	Type	Amount	Interface Name	Type	Amount	Interface Name	Type	Maximum audio level	Amount	Interface Name	Type	Amount	
CS5 BU	6 dB	< 20000 Ohms	Line In	Balanced XLR	1	Telephone In	Balanced XLR	1	Effect In	Yesck Stereo (1/4")	1	Tape In	Yesck Stereo (1/8")	-4 dB	1	External Language In	Balanced XLR	1	

CS5 Microphone Station

Product	Audio Input Interface 1				Audio Output Interface 1							Audio Output Interface 2			
	Interface Name	Electrical Impedance	Amount	Gender	Interface Name	Type	Interface Power	Amount	Audio Frequency bandwidth	Recommended Load Impedance	Gender	Interface Name	Type	Amount	
CS5 DU	External Microphone In	< 0	1	Female	Headphone Out	Yesck Stereo (1/4")	-	2	45 ... 22000 Hz	> 32 Ohms	Female	-	-	2	
CS5 IU	External Microphone In	-	-	-	-	-	-	-	-	-	-	Headphone Out	Yesck Stereo (1/8")	2	

	Audio Output Interface 2			Audio Output Interface 3			Audio Output Interface 4			Audio Output Interface 5			
	Interface Name	Type	Amount	Interface Name	Type	Amount	Interface Name	Type	Amount	Interface Name	Type	Amount	Audio Frequency bandwidth
	Telephone Out	Balanced XLR	1	Effect Out	Yesck Stereo (1/4")	1	Tape Out	Yesck Stereo (1/8")	1	Headphone Out	Yesck Stereo (1/4")	1	45 ... 22000

	Audio Input Interface 6				Data Interface				Data Interface 2				Dimensions			Design		Weight
	Interface Name	Type	Maximum audio level	Amount	Type	Amount	Gender	Note	Type	Amount	Gender	Note	Width	Height	Depth	Body	Finish	Net
	External Microphone In	Balanced XLR	-40 dB	1	USB	1	Female	for connection with PC	RJ 10 data (4P4C)	1	Female	for connection with RS232 controlled devices	482 mm (18.976 in)	44 mm (1.732 in)	108 mm (4.252 in)	Metal	silver gray	1450 g (51.15 oz)

	Audio Output Interface 2					Technical Specification				System Interface			Design			Dimensions			Weight
	Audio Frequency bandwidth	Recommended Load Impedance	Gender	Contacts	Signal to Noise	Card Reader	LCD Display	Numbers of Language Channels	Voting Buttons	Type	Amount	Gender	Body	Finish	Powering Voltage Range	Width	Height	Depth	Net
	200 ... 22000 Hz	-	-	-	> 70 dB-A	No	No	3+1	1	RJ 45 Ethernet	2	Female	Plastic	matte dark gray	48 VDC	257 mm (10.118 in)	73 mm (2.874 in)	147 mm (5.787 in)	900 g (31.75 oz)
	45 ... 22000 Hz	> 32 Ohms	Female	3-pin	-	Yes	Yes	63	5	RJ 45 Ethernet	2	Female	Plastic	matte dark gray	48 VDC	257 mm (10.118 in)	73 mm (2.874 in)	147 mm (5.787 in)	-

COMPARISON CHART

CS5 Infrared Transmitter

Product	Technical Specification		System Interface In				System Interface Out				Design		Powering	
	Covering Volume	Number of languages	Interface Power	Amount	Gender	Rated Impedance	Type	Amount	Gender	Rated Impedance	Type	Body	Finish	Voltage Range
CS5 IRT	450 ... 750	7	< 0	1	Male	50 Ohms	BNC	1	Male	50 Ohms	BNC	Metal	matte dark gray	230 VAC

CS5 Infrared Receivers

Product							Battery			Design		Dimensions			Weight
	Number of languages	Reception Angle	Amount	Audio Frequency bandwidth	Recommended Load Impedance	Type	No of Batteries	Batterietyp	Operating Time	Body	Finish	Width	Height	Depth	Net
CS5 IRR7	7	140	1	100 ... 5100 Hz	> 32 Ohms	Female 3-pin Yesck Stereo (1/4")	1 Stk	HR 6 AA (NiHM) rechargeable battery	> 12 h	Plastic	dark gray	70 mm (2.756 in)	136 mm (5.354 in)	28 mm (1.102 in)	140 g (4.94 oz)

CS 5 Charging Unit

Product	Technical Specification		Powering	Design		Dimensions			Weight
	Charging current	Number of charging slots	Voltage Range	Body	Finish	Width	Height	Depth	Net
CS5 CU50	4 ... 80 mA	50	0 ... 230 VAC	Metall	silver gray	585 mm (23.031 in)	190 mm (7.48 in)	483 mm (19.016 in)	1400 g (49.38 oz)

ALPHABETICAL INDEX

A			CK33	128	G		P4	72	V	
AB4000	95		CK47	129	GN	126	P5	72	VM2	97
ACCESSORIES	153		CK61 ULS	37	GN155 SET	127	P120	54		
ACCESSORIES			CK62 ULS	38	GN E	126	P120 USB	55	W	
OCERVIEW	158		CK63 ULS	38	GN E 5PIN	127	P170	54	W23	153
AKG SYSTEM			CK69 ULS	39	GN ESP	126	P220	53	W30	153
ARCHITECT PLUGIN	96		CK69 ULS	45	GNS36	155	P420	53	W44	153
ARCHITECTURAL			CK77 WR	142	GROOVE PACK	70	P820 TUBE	52	W48	153
MICROPHONE			CK80	129			PATENTS	162	W49	153
SERIES	120		CK91	41	H		PCC130	135	W68	153
ASU4000	95		CK92	42	H30	155	PCC160	133	W70	153
			CK93	42	H40/1	155	PCC170	135	W77	153
B			CK94	43	H41	155	PERCEPTION		W77 M	153
B18	157		CK97	142	H47	155	WIRELESS	104	W77 P	153
B29 L	160		CK98	43	H50	155	PF80	153	W77 SET	153
BBB DFIVE	61		CK98	45	H85	155	PS3 F-LOCK	156	W90	154
BLUE LINE	40		CK99 L	143	H500	155	PS4000 W	94	W98	154
			CM311	63	H600	155	PSU4000	99	W407	154
C			COMPARISON		HC577 L	64	PT40 MINI	109	W414	154
			CHARTS	164	HC577 L	140	PT45	105	W444	154
C5	60		CS5 BU	150	HM1000	127	PT450	87	W547	154
C12 VR	30		CS5 CU50	153	HSC171	48	PT470	83	W880	154
C214	33		CS5 DU	150	HSC271	48	PT4500	81	W1000	154
C214	35		CS5 IRR7	152	HSD171	49	PZM6 D	134	W3001	154
C391 B	41		CS5 IRT	152	HSD271	49	PZM10	138	W3004	154
C411 L	67		CS5 IU	151	HT40 MINI	109	PZM11	139	W4000	154
C414 SERIES	32		CS5 VU	151	HT45	105	PZM11 LL WR	139	WELCOME TO	
C414 XL II	35		CU400	99	HT450	87	PZM30 D	134	THE NEW AKG	25
C414 XLII	33		CU700	98	HT470	83	PZM185	136	WIRELESS	
C414 XLS	32		CU4000	98	HT4500	81	R		IPHONE APP	97
C414 XLS	35				HUB4000 Q	96	RA4000 B/W	93	WMS40 MINI	108
C417 L	143	D					RA4000 W	93	WMS40 MINI SETS	110
C430	67	D5	60		I		RECORDING	29	WMS450	86
C451	34	D7	59		IP2	91	RHYTHM PACK	71	WMS450 SETS	88
C451 B	31	D40	66		IVM4500	90			WMS470	82
C480 B COMBO	37	D44 S	75				S		WMS470 SETS	84
C480 B-ULS	36	D55 S	75		K		SA44	156	WMS4500	80
C516 ML	69	D58 E	145		K20	153	SA47	156	Z	
C518 M	69	D77 S	74		K44 PERCEPTION	117	SA60	156	ZAPD21	94
C519 M	68	D88 S	74		K77 PERCEPTION	117	SA61	156		
C520	62	D112	66		K99 PERCEPTION	117	SA63	156		
C535 EB	58	D230	47		K141 MKII	115	SE300 B	40		
C544 L	65	D770	61		K171 MKII	116	SHZ80	156		
C544 L	141	DGN99	145		K240 MKII	115	SOUND GRABBER II	137		
C547 BL	132	DHT70	101		K271 MKII	116	SPR4500	91		
C555 L	65	DHT700	79		K702	114	SR40 MINI	108		
C562 CM	138	DMM4/2/2	147		KEY TO AKG PRODUCT		SR45	104		
C568 B	45	DMM4/2/4	146		NAMES	163	SR450	86		
C747 V11	44	DMS70	100		M		SR470	82		
C1000 S	51	DMS70 SETS	102		MB3	136	SR4500	80		
C2000 B	51	DMS700	78		MB4	136	SRA2 B/W	92		
C3000	50	DPT70	101		MF-DA	155	SRA2 W	92		
C4000 B	50	DPT700	79		MKG L	157	SST4500	90		
C4500 B-BC	46	DRUM SET BIG II	71		MPA V L	157	ST1	156		
CBL99	137	DSR70	100		MSH70	155	ST45	156		
CBL410 PCC	137	DSR700	78				ST46	156		
CC519	155	DST99 S	144				ST305	156		
CGN99 C	130				P					
CGN99 H	130	F			P2	73	U			
CHM99	131	FREQUENCY RESPONSE			P3 S	73	ULS	36		
CK31	128	CHARTS	190							
CK32	128									