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Pro-Sound & Lighting Solutions

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Price List 11 / 2010












Effective November 29th 2010











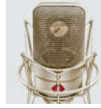
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
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Model	Description	Ardes marked * will be discontinued soon!			
		EUR Netto (ex. VAT)	Special EUR (ex. VAT)	EUR + 20% DDS (incl. VAT)	
SOLUTION D - series					
DIGITAL LARGE DIAPHRAGM MICROPHONES					
	D-01 Solution-D single mic	Acoustic transducer: K 07 large double-diaphragm capsule, diameter 30 mm with protected internal electrodes, 15 remote controllable polar patterns, from omni to cardioid to figure-8, Frequency response: 20 Hz to 20 kHz, Free-field sensitivity(1) 2: -44 dBFS, Equivalent noise level, CCIR3): 19 dB, Signal-to-noise ratio(2), CCIR3): 75 dB, Maximum SPL at 0 dBFS: 138 dB SPL, Dynamic range, A-weighted(3): 130 dB, ni		3.890,00	4.668,00 EUR
	TLM 103 D	Acoustic transducer: Pressure gradient transducer, Directional characteristic: Cardioid, Frequency response: 20 Hz to 20 kHz, Free-field sensitivity(1): -39 dBFS, Equivalent noise level, CCIR3): 17.5 dB, Signal-to-noise ratio(2), CCIR3): 76.5 dB, Maximum SPL at 0 dBFS: 134 dB SPL, Dynamic range, A-weighted(4): 127 dB - Sampling rates: 44.1, 48 or 96 kHz, Threshold -10 dBFS, Ratio 2:1 ni/bk		1.447,00	1.249,17 1.499,00 EUR
MINIATURE MICROPHONES					
KM D DETACHABLE SERIES (KK capsule heads are also compatible to KM A output stage)					
	KM 133 D	KM D + KK 133 Pressure transducer, omni diffuse-field equalized, 20 Hz...20 kHz, -40 dBFS, Equivalent noise level, CCIR3) - 28 dB, Signal-to-noise ratio CCIR3) - 66 dB, Max SPL at 0 dBFS 134 dB ni / nx		1.900,00	2.280,00 EUR
	KM 133 D st	KM 133 D steel® brushed + the Sound diffraction sphere is made by plexiglass		2.308,00	2.770,00 EUR
	KM 183 D	Pressure transducer, omni diffuse-field equalized, 20 Hz...20 kHz, Sensitivity -41 dBFS, Equivalent noise level, CCIR3) - 24 dB, Signal-to-noise ratio CCIR3) - 69 dB, Max SPL at 0 dBFS - 135 dB, Max SPL with 18 dB preatt. - 153 dB, ni or nx		1.049,00	1.259,00 EUR
	KM 183 D stereo set	2 x Microphone KM 183 D, 2 x Windscreen WNS 100, 2 x Stand mount swivel SG 21 bk, Wooden box, ni or nx		1.990,00	2.388,00 EUR
	KM 184 D	KM D + KK 184 , pressure gradient transducer, Cardioid, 20 Hz...20 kHz, Sensitivity -39 dBFS, Equivalent noise level, CCIR - 22 dB, Signal-to-noise ratio CCIR - 70 dB, Max SPL at 0 dBFS - 133 dB, Max SPL with 18 dB preatt. - 151 dB, ni or nx		1.085,00	1.302,00 EUR
	KM 184 D stereo set	2 x Microphone KM 184 D, 2 x Windscreen WNS 100, 2 x Stand mount swivel SG 21 bk, Wooden box, ni or nx		2.081,00	2.497,00 EUR
	KM 185 D	KM D + KK 185, pressure gradient transducer, Hypercardioid, 20 Hz...20 kHz, Sensitivity -42 dBFS, Equivalent noise level, CCIR - 24 dB, Signal-to-noise ratio CCIR - 69 dB, Max SPL at 0 dBFS 136 dB, Max SPL with 18 dB preatt. - 154 dB, ni or nx		1.112,00	1.082,50 1.299,00 EUR
	KM 185 D stereo set	2 x Microphone KM 185 D, 2 x Windscreen WNS 100, 2 x Stand mount swivel SG 21 bk., Wooden box, ni		2.171,00	2.081,67 2.498,00 EUR
	SBK 130 A	Sound Diffraction Sphere - slips onto the KM 130, KM 131 (D) and KM 183 (D) pressure microphones. While sounds coming from the front-half space are emphasized by up to 2.5 dB between 2 kHz and 10 kHz, sounds arriving from the rear-half space are attenuated by 2.5 dB max in the range above 5 kHz. Inner Ø 22 mm. , bk		76,00	74,17 89,00 EUR
	KM D output stage/AES 42	Interface: AES42, Remote controlled functions:- Polar pattern(4)- Low-cut: flat, 40, 80, 160 Hz- Pre-attenuation: 0, -6, -12, -18 dB-Gain: 0...63 dB in 1 dB steps, clickless- Testsignal: 1 kHz, pink noise, white noise- Parametric compressor/limiter (incl. de-esser function)- Independent peak limiter avoiding any clipping- Switch functions: soft muting, phase reverse, signal lights- Signal lights: red(4) and blue LEDs- System functions, firmware download, A/D conversion: Neumann process (patented) -28-bit internal word length, Digital signal processing: Fixed-point - variable internal word length 28 bits to 60 bits, Power supply (phantom power complying with AES42) Output: XLR3M, 24 bits as per AES/EBU (AES3), 44,1/48/96 kHz, ni		613,00	736,00 EUR
	connection kit	The Connection Kits serve to supply power to digital microphones, which are in accordance with the AES42 standard. The microphone audio signal is made available at the Connection Kit output in S/PDIF or AES/EBU format, depending upon the model. The remote control and synchronization capabilities of the AES42 standard cannot be used with the Connection Kit; they are operable only with the DMI-2 or DMI-8		171,00	205,00 EUR
	BP 04 N	Battery Pack for the Neumann Connection Kit		86,00	70,83 85,00 EUR
DIGITAL MICROPHONE INTERFACE					
	DMI 2	2 channels, Inputs: XLR3F, AES42, Outputs: XLR3M, AES/EBU, 24 bitControl bus: RS485 via RJ 45 jack. Second RJ 45 jack for cascading purposes (up to 4 DMI devices today, 16 devices in future). Connection to the computer's USB port via Neumann USB485 interface converter (included). User Port: 9-pin sub-D, 3 functions per channel. Synchronization: AES42 - Mode 2 (PLL system using an external Word Clock and remote controlling the VCXO in the microphone, default mode), AES42 - Mode 1, (asynchronous, needs a sample rate converter (SRC) at the receiver side). Word clock input: BNC, 75 ohms, Word clock output: BNC, 75 ohms, automatically set to the internal word clock master when no external word clock received. Selectable internal sampling rates: 44.1-192 kHz.		1.004,00	749,17 899,00 EUR
	DMI 8 *	AES42 inputs: 8x XLR3F , Audio data in accordance with AES/EBU (AES3) data format, Digital phantom power (DPP), Remote control data, Outputs: 2x SUB-D 25, AES/EBU (AES3) data format, Yamaha® and Tascam® pinout, 1x Toslink, ADAT® format up to 48 kHz, 1x RJ 45, GN format up to 192 kHz, incl. power-out pin: approx. +15 VDC, max.1 A, short-circuit-proof, Microphone synchronization: AES42 - Mode 2 (synchronous mode) Microphone clock control via PLL, DMI-8 Synchronization: automatically to an external word clock or AES11 signal, if present, otherwise the internal word clock generator is activated, Word clock (or AES11) input: BNC, - Vin: >100 mV at 75 ohms, Word clock (or AES11) output: BNC, - Vout: = Vin (external synchronization, - Vout: approx. 1.5 V at 75 ohms (internal word clock generator), Internal word clock generator:44.1/48/88.2/96/176.4/192 kHz, Indicators: Power, Ext Word Clock, Valid,Level (microphone), Control elements: 8x Channel Select		2.262,00	2.714,00 EUR
	DMI 8 ES100	AES42 inputs: 8x XLR3F , Audio data in accordance with AES/EBU (AES3) data format, Digital phantom power (DPP), Remote control data, Outputs: 2x SUB-D 25, AES/EBU (AES3) data format, Yamaha® and Tascam® pinout, 1x Toslink, ADAT® format up to 48 kHz, 1x RJ 45, GN format up to 192 kHz, incl. power-out pin: approx. +15 VDC, max.1 A, short-circuit-proof, Microphone synchronization: AES42 - Mode 2 (synchronous mode) Microphone clock control via PLL, DMI-8 Synchronization: automatically to an external word clock or AES11 signal, if present, otherwise the internal word clock generator is activated, Word clock (or AES11) input: BNC, - Vin: >100 mV at 75 ohms, Word clock (or AES11) output: BNC, - Vout: = Vin (external synchronization, - Vout: approx. 1.5 V at 75 ohms (internal word clock generator), Internal word clock generator:44.1/48/88.2/96/176.4/192 kHz, Indicators: Power, Ext Word Clock, Valid,Level (microphone), Control elements: 8x Channel Select		3.258,00	3.910,00 EUR
	USB - RS 485 converter kit	USB - RS 485 converter Kit*		162,00	194,00 EUR
Tube Microphones (PREMIUM product line)					
	M 147 tube	Acoustical operating principle Pressure gradient transducer Directional pattern Cardioid Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 20 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 24 dB Equivalent noise level, A-weighted(1) 12 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 70 dB Signal-to-noise ratio, A-weighted(1) (rel. 94 dB SPL) 82 dB Typical SPL (tube characteristic)(2) 114 dB for THD < 0.5 %, 134 dB for THD < 5 % Maximum output voltage 8 dBu Dynamic range of the microphone amplifier (A-weighted) 102 dB for THD < 0.5 %, 122 dB for THD < 5 %, ni, EU 230 V		2.307,00	1.999,17 2.399,00 EUR
	M 147 tube mic	Single mic only (no PSU), ni		1.345,00	1.614,00 EUR
	M 149 tube set	Acoustical operating principle Pressure gradient transducer Directional pattern Omnidirectional, wide angle cardioid, cardioid, hypercardioid, figure-8 plus one intermediate position each Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 34/47/62 mV/Pa(1) Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR2) 28/25/23 dB(1) Equivalent noise level, A-weighted(2) 16/13/11 dB-A(1) Signal-to-noise ratio, CCIR2) (rel. 94 dB SPL) 66 dB Signal-to-noise ratio, A-weighted(2) (rel. 94 dB SPL) 78/81/83 dB(1) Typical SPL (tube characteristic)(3) K < 0.5 %: 120 dB, K < 5 %: 136 dB Maximum output voltage 18 dBu, Dynamic range of the microphone amplifier (A-weighted) for < 0.5% THD (for < 5% THD), ni,		3.845,00	3.329,17 3.995,00 EUR
	M 149 tube Single mic	Single mic only (no PSU), ni		2.884,00	3.461,00 EUR
	M 150 tube set	Acoustical operating principle Pressure transducer Directional pattern Omnidirectional Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 20 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 28 dB Equivalent noise level, A-weighted(1) 15 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 66 dB Signal-to-noise ratio, A-weighted(1) (rel. 94 dB SPL) 79 dB Typical SPL (tube characteristic)(2) K < 0.5 %: 114 dB, K < 5 %: 134 dB Maximum output voltage 8 dBu Dynamic range of the microphone amplifier (A-weighted) K < 0.5 %: 99 dB, K < 5 %: 119 dB, ni, EU 230 V		4.807,00	4.629,17 5.555,00 EUR
	M 150 tube stereo set	2 x M 150 Tube Microphone 2 x N 149 A Power supply 2 x EA 170 Elastic suspension 2 x KT 8 Connecting cable Aluminium case, ni, EU 230 V		9.422,00	11.306,00 EUR











Model	Description	EUR Netto (ex. VAT)	Special EUR (ex. VAT)	EUR + 20% DDS (incl. VAT)	
LARGE DIAPHRAGM MICROPHONE					
PREMIUM product line					
	TLM 49 set Acoustical operating principle Pressure gradient transducer Directional pattern Cardioid Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 13 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 23 dB Equivalent noise level, A-weighted1) 12 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 71 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 82 dB Maximum SPL for THD < 0.5 %2) 110 dB Maximum SPL for THD < 5 %2) 129 dB Maximum output voltage for THD < 5%2) -1 dBu Dyn. range of the mic. amplifier (A-weighted, 0.5 %2)) 98 dB Dyn. range of the mic. amplifier (A-weighted, 5 %2)) 117 dB Supply voltage (P48, IEC 61938) 48 V ± 4 V, ni	1.345,00	1.165,83	1.399,00 EUR	
	TLM 193 Acoustical operating principle Pressure gradient transducer Directional pattern Cardioid Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohms 18 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 21 dB Equivalent noise level, A-weighted1) 10 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 73 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 84 dB Maximum SPL for THD 0.5%2) 140 dB Maximum output voltage 13 dBu Dynamic range of the microphone amplifier (A-weighted) 130 dB Supply voltage (P48, IEC 61938) 48 V ± 4 V blk	1.057,00	915,83	1.099,00 EUR	
SWITCHABLE (PREMIUM product line)					
	TLM 67 Acoustical operating principle Pressure gradient transducer Directional pattern Omni/cardioid/figure-8 Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 10/18/9 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 29/24/30 dB Equivalent noise level, A-weighted1) 16/11/17 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 65/70/64 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 78/83/77 dB-A Maximum SPL (tube characteristic) for THD < 0.5 %2) 110/105/111 dB Maximum SPL (tube characteristic) for THD < 5 %2) 130/125/131 dB Maximum output voltage -1 dBu Dyn. range of the mic. amplifier (A-weighted, 0.5 %2)) 94 dB Dyn. range of the mic. amplifier (A-weighted, 5 %2)) 114 dB Power supply P48 perl- grey	1.634,00	1.415,83	1.699,00 EUR	
	U 87 Ai Acoustical operating principle Pressure gradient transducer Directional pattern Omnidirectional, cardioid, figure-8 plus Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 20/28/22 mV/Pa1) Rated impedance 200 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR2) 26/23/25 dB1) Equivalent noise level, A-weighted2) 15/12/14 dB-A1) Signal-to-noise ratio, CCIR2) (rel. 94 dB SPL) 68/71/69 dB1) Signal-to-noise ratio, A-weighted2) (rel. 94 dB SPL) 79/82/80 dB1) Maximum SPL for THD 0.5%3) 117 dB (cardioid) Maximum SPL for THD 0.5% with preattenuation3) 127 dB Maximum output voltage 390 mV Dynamic range of the microphone amplifier (A-weighted) 105 dB Supply voltage (P48, IEC 61938) 48 V ± 4 V ni or blk	2.307,00	1.999,17	2.399,00 EUR	
	U 87 Ai set	2 x Microphone U 87 Ai (mt) 2 x Elastic suspension EA 87 (mt) 2 x Dust cover Aluminium case ni or blk	tba		tba EUR
	U 87 Ai stereo set	2 x Microphone U 87 Ai (mt) 2 x Elastic suspension EA 87 (mt) 2 x Dust cover Aluminium case ni or blk	5.288,00	4.165,83	4.999,00 EUR
	U 89 i Acoustical operating principle Pressure gradient transducer Directional pattern Omnidirectional, wide angle, cardioid, hypercardioid, figure-8 Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 8 mV/Pa Rated impedance 150 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 28 dB Equivalent noise level, A-weighted1) 17 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 66 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 77 dB Maximum SPL for THD 0.5%2) 134 dB Maximum SPL for THD 0.5% with preattenuation2) 140 dB Maximum output voltage 800 mV Dynamic range of the microphone amplifier (A-weighted) 117 dB Supply voltage (P48, IEC 61938) 48 V ± 4 V ni or blk	2.403,00	1.999,17	2.399,00 EUR	
Stereo Microphones (PREMIUM product line)					
	KU 100 (dummy head) Acoustical operating principle Pressure transducer Directional pattern Ear Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 20 mV/Pa Rated impedance 50 ohms balanced, 200 ohms unbalanced Rated load impedance 1 kohms Equivalent noise level, CCIR1) 29 dB Equivalent noise level, A-weighted1) 16 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 65 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 78 dB Maximum SPL for THD 0.5%2) 135 dB Maximum SPL for THD 0.5% with preattenuation2) 145 dB Maximum output voltage 1950 mV Dynamic range of the microphone amplifier (A-weighted) 119 dB Supply voltage (P48, IEC 61938) 200 ... 240 V / 48 V ± 4 V / 6 x 1.5 V blk EU 230 V	6.529,00	4.999,17	5.999,00 EUR	
	USM 69 i	Acoustical operating principle Pressure gradient transducer Directional pattern Omnidirectional, wide-angle cardioid, cardioid, hypercardioid, figure-8 Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 13 mV/Pa Rated impedance 150 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 24 dB Equivalent noise level, A-weighted1) 13 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 70 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 81 dB Maximum SPL for THD 0.5%2) 132 dB Maximum output voltage 3 dBu Dynamic range of the microphone amplifier (A-weighted) 119 dB Supply voltage (P48, IEC 61938) 48 V ± 4 V ni or blk	4.413,00		5.296,00 EUR
MINIATURE MICROPHONE					
PREMIUM product line					
KM A DETACHABLE SERIES (KK capsule heads are also compatible to KM D output stage)					
	KM 183 A Acoustical operating principle Pressure transducer Directional pattern omnidirectional Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 12 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 24 dB Equivalent noise level, A-weighted1) 13 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 70 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 81 dB Maximum SPL for THD 0.5%2) 140 dB Maximum output voltage 10 dBu Supply voltage (P48, IEC 61938) 48 V ± 4 V ni or nx	893,00		1.072,00 EUR	
	KM 184 A Acoustical operating principle Pressure gradient transducer Directional pattern cardioid Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 15 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 22 dB Equivalent noise level, A-weighted1) 13 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 72 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 81 dB Maximum SPL for THD 0.5%2) 138 dB Maximum output voltage 10 dBu Supply voltage (P48, IEC 61938) 48 V ± 4 V ni or nx	913,00		1.096,00 EUR	
	KM 185 A	Acoustical operating principle Pressure/Pressure gradient transducer Directional pattern omnidirectional/cardioid/hypercardioid Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 12/15/10 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 24/22/24 dB Equivalent noise level, A-weighted1) 13/13/15 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 70/72/70 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 81/81/79 dB Maximum SPL for THD 0.5%2) 140/138/142 dB Maximum output voltage 10 dBu Supply voltage (P48, IEC 61938) 48 V ± 4 V ni or nx	961,00		1.153,00 EUR
	KM A output stage	KK-series, analog audio 3pin XLR ni or nx	432,00		518,00 EUR
5.2 capsule heads KK - series (capsule heads are also compatible to KM D/ digital output stage)					
	KK 120 capsule head	figure-8, side-fire ni or nx	768,00		922,00 EUR
	KK 131 capsule head	omni free-field equalized ni or nx	576,00		691,00 EUR
	KK 133 capsule head	omni diffuse-field e. ni or nx	1.393,00		1.672,00 EUR
	KK 143 capsule head	wide cardioid ni or nx	509,00		611,00 EUR
	KK 145 capsule head	KK184 with bass roll-off ni ot nx	509,00		611,00 EUR
	KK 183 capsule head	omni diffuse-field e./ free field treble boost ni or nx	480,00	365,83	439,00 EUR
	KK 184 capsule head	cardioid ni or nx	509,00		611,00 EUR
	KK 185 capsule head	hypercardioid ni or nx	576,00		691,00 EUR
PRO product line					
6. LARGE DIAPHRAGM MICROPHONES					
	TLM 102 gradient transducer Directional pattern Cardioid Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 11 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 21 dB Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 73 dB 82 dB Maximum SPL for THD 0.5%2) 144 dB Maximum output voltage 13 dBu Dynamic range, A-weighted1) 132 dB Supply voltage (P48, IEC 61938) 48 V ± 4 V ni or blk	565,00	474,17	569,00 EUR	
	TLM 103 Pressure gradient transducer Directional pattern Cardioid Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 23 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 17.5 dB Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 76.5 dB Maximum SPL for THD 0.5%2) 138 dB Maximum output voltage 13 dBu Supply voltage 48 V ± 4 V ni or blk	892,00	737,50	885,00 EUR	
	TLM 103 mono set	TLM 103 (mt) microphone EA 1 (mt) elastic suspension Aluminium case ni or blk	1.091,00	915,83	1.099,00 EUR
	TLM 103 stereo set	2 x TLM 103 (mt) Microphone 2 x EA 1 (mt) elastic suspension Aluminium case ni or blk	2.083,00	1.749,17	2.099,00 EUR
	TLM 103 studio set	TLM 103 (mt) Microphone EA 1 (mt) elastic suspension ni or blk	982,00	824,17	989,00 EUR











Model	Description	EUR Netto (ex. VAT)	Special EUR (ex. VAT)	EUR + 20% DDS (incl. VAT)
PRO product line				
180 COMPACT SERIES				
KM 183	Acoustical operating principle Pressure transducer Directional pattern omnidirectional Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 12 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 24 dB Equivalent noise level, A-weighted1) 13 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 70 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 81 dB Maximum SPL for THD 0.5%2) 140 dB Maximum output voltage 10 dBu Supply voltage (P48, IEC 61938) 48 V ± 4 V ni or nx	644,00	540,83	649,00 EUR
 KM 183 stereo set	Acoustical operating principle Pressure gradient transducer Directional pattern cardioid Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 15 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 22 dB Equivalent noise level, A-weighted1) 13 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 72 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 81 dB Maximum SPL for THD 0.5%2) 138 dB Maximum output voltage 10 dBu Supply voltage (P48, IEC 61938) 48 V ± 4 V ni or nx	1.240,00	1.040,83	1.249,00 EUR
KM 184	Acoustical operating principle Pressure/Pressure gradient transducer Directional pattern cardioid Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 15 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 22 dB Equivalent noise level, A-weighted1) 13 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 72 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 81 dB Maximum SPL for THD 0.5%2) 138 dB Maximum output voltage 10 dBu Supply voltage (P48, IEC 61938) 48 V ± 4 V ni or nx	624,00	524,17	629,00 EUR
KM 184 stereo set	2 x Microphone KM 184(mt), 2 x Stand mount swivel SG 21 bk 2 x Windscreen WNS 100 Wooden box ni or blk	1.170,00	982,50	1.179,00 EUR
KM 185	Acoustical operating principle Pressure/Pressure gradient transducer Directional pattern hypercardioid Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 12/15/10 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 24/22/24 dB Equivalent noise level, A-weighted1) 13/13/15 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 70/72/70 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 81/81/79 dB Maximum SPL for THD 0.5%2) 140/138/142 dB Maximum output voltage 10 dBu Supply voltage (P48, IEC 61938) 48 V ± 4 V ni or nx	685,00	575,00	690,00 EUR
KM 185 stereo set	2 x Microphone KM 185, 2 x Stand mount swivel SG 21 bk 2 x Windscreen WNS 100 Wooden box ni or blk	1.289,00		1.547,00 EUR
KM 100 DETACHABLE SERIES				
KM 120	Press. grad. Transducer, Side-fire figure-8, 20 Hz ... 20 kHz, Sensitivity at 1 kHz into 1 kohm 12 mV/Pa, Rated impedance 50 ohms, Equivalent noise level, CCIR1) 26 dB, Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 68 dB, Maximum SPL for THD 0.5%2) 140 dB, Maximum SPL for THD 0.5% with preattenuation2) 150 dB, Dynamic range of the microphone amplifier (A-weighted) 122.5 dB, blk	1.289,00	991,67	1.190,00 EUR
KM 130	Pressure transducer, Omni diff. field eq, 20 Hz ... 20 kHz, Sensitivity at 1 kHz into 1 kohm 12 mV/Pa, Rated impedance 50 ohms, Equivalent noise level, CCIR1) 27 dB, Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 67 dB, Maximum SPL for THD 0.5% 140 dB, Maximum SPL for THD 0.5% with preattenuation 150 dB, Dynamic range of the microphone amplifier (A-weighted) 124 dB, 48 V ± 4 V blk	922,00	831,67	998,00 EUR
KM 131	Pressure transducer, Omni diff. field eq, 20 Hz ... 20 kHz, Sensitivity at 1 kHz into 1 kohm 12 mV/Pa, Rated impedance 50 ohms, Equivalent noise level, CCIR1) 25 dB, Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 69 dB, Maximum SPL for THD 0.5%2) 140 dB, Maximum SPL for THD 0.5% with preattenuation 150 dB, Dynamic range of the microphone amplifier (A-weighted) 124 dB, 48 V ± 4 V blk	1.041,00	915,83	1.099,00 EUR
 KM 140	Acoustical operating principle Press. grad. transducer Press. grad. transducer Directional pattern Cardioid Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 15 mV/Pa 15 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 25 dB Equivalent noise level, A-weighted1) 16 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 69 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 78 dB Maximum SPL for THD 0.5%2) 138 dB Maximum SPL for THD 0.5% with preattenuation2) 148 dB Maximum output voltage 10 dBu Dynamic range of the microphone amplifier (A-weighted) 122 dB Supply voltage (P48, IEC 61938) 48 V ± 4 V blk	942,00	754,17	905,00 EUR
KM 143	Acoustical operating principle Press. grad. transducer Press. grad. transducer, Directional pattern Cardioid wide angle, Frequency range 20 Hz ... 20 kHz, Sensitivity at 1 kHz into 1 kohm 15 mV/Pa 15 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 25 dB Equivalent noise level, A-weighted1) 16 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 69 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 78 dB Maximum SPL for THD 0.5%2) 138 dB Maximum SPL for THD 0.5% with preattenuation2) 148 dB Maximum output voltage 10 dBu Dynamic range of the microphone amplifier (A-weighted) 122 dB Supply voltage (P48, IEC 61938) 48 V ± 4 V blk	992,00	790,83	949,00 EUR
KM 145	Acoustical operating principle Press. grad. transducer Directional pattern Cardioid with low frequency roll-off Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 14 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 26 dB Equivalent noise level, A-weighted1) 17 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 68 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 77 dB Maximum SPL for THD 0.5%2) 138 dB Maximum SPL for THD 0.5% with preattenuation2) 148 dB Maximum output voltage 10 dBu Dynamic range of the microphone amplifier (A-weighted) 121 dB Supply voltage (P48, IEC 61938) 48 V ± 4 V blk	992,00	824,17	989,00 EUR
KM 150	Acoustical operating principle Press. grad. transducer Directional pattern Hypercardioid Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 10 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 27 dB Equivalent noise level, A-weighted1) 18 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 67 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 76 dB Maximum SPL for THD 0.5%2) 142 dB Maximum SPL for THD 0.5% with preattenuation2) 152 dB Maximum output voltage 10 dBu Dynamic range of the microphone amplifier (A-weighted) 124 dB Supply voltage (P48, IEC 61938) 48 V ± 4 V blk	1.041,00	954,17	1.145,00 EUR
SKM 140	Stereoset 2xNiere, 2 x Mikrofon KM140 + 2 x Verbindungskabel LC 3 KA + Stereohalterung STH 100 + Holz-Etui	2.381,00	1.991,67	2.390,00 EUR
SKM 150	Stereoset 2xNiere, 2 x Mikrofon KM150 + 2 x Verbindungskabel LC 3 KA + Stereohalterung STH 100 + Holz-Etui	2.480,00		2.976,00 EUR
SKM 100-MS	Stereo Set containing the microphones KM 120 und KM 140 blk	2.580,00	2.082,50	2.499,00 EUR
SBK 130	Sound Diffraction Sphere - slips onto the KM 130, KM 131 (D) and KM 183 (D) pressure microphones. While sounds coming from the front-half space are emphasized by up to 2.5 dB between 2 kHz and 10 kHz, sounds arriving from the rear-half space are attenuated by 2.5 dB max in the range above 5 kHz. Inner Ø 22 mm. , blk	68,00		82,00 EUR
AK 20 active capsule head	pressure gradient transducer with the figure-8 characteristic, realized with a single diaphragm blk	942,00	765,00	918,00 EUR
AK 30 active capsule head	diffuse-field equalized pressure transducer with a flat frequency response up to 10 kHz (in the diffuse field), blk	575,00		690,00 EUR
 AK 31 active capsule head	free-field equalized pressure transducer with a flat frequency response up to 20 kHz (in the free field), blk	694,00		833,00 EUR
AK 40 active capsule head	pressure gradient transducer with cardioid characteristic. The frequency curves are very smooth and match 0° sound incidence blk	595,00	574,17	689,00 EUR
AK 43 active capsule head	pressure gradient transducer with wide-angle cardioid characteristic. Attenuation at 90° is 4 dB, at 135° it is 8 dB and at 180° it is 11 dB. The frequency response curves for sound sources within an angle of ± 90° are parallel up to 12 kHz blk	644,00	582,50	699,00 EUR
AK 45 active capsule head	pressure gradient transducer with cardioid characteristic, similar to the AK 40. However, it has an acoustic bass roll-off that is useful during applications when subsonic and low frequencies may cause difficulties. The AK 45 is optimized for a flat low frequency response at a recording distance of 15 cm ("speech cardioid"), blk	644,00		773,00 EUR
AK 50 active capsule head	pressure gradient transducer with hypercardioid characteristic. Attenuation of sound incidence from the side or rear is about 10 dB, with minimum sensitivity at an angle of 120° blk	694,00		833,00 EUR
KM 100 output stage	phantom powered (48 V) and uses transformerless output circuitry blk	376,00	299,00	359,00 EUR
KA 100 cable adapter	3pin LEMO adapt. blk	233,00		280,00 EUR
8. VOCALIST MICROPHONES				
CAPSULE HEAD for SKM 5200 wireless transmitter (PRO product line)				
 KK 104 S	The capsule head of the KMS vocal microphone, compatible with the Sennheiser SKM 5000 / 5200 wireless system, supercardioid ni or blk	743,00	640,83	769,00 EUR
KK 105 S	The capsule head of the KMS vocal microphone, compatible with the Sennheiser SKM 5000 / 5200 wireless system, supercardioid ni or blk	743,00	640,83	769,00 EUR
KK 105 HD	The capsule head of the KMS vocal microphone, compatible with the Sennheiser SKM 5000 / 5200 wireless system with integrated foam popscreen, supercardioid ni or blk	743,00	640,83	769,00 EUR




Model	Description	EUR Netto (ex. VAT)	Special EUR (ex. VAT)	EUR + 20% DDS (incl. VAT)	
VOCALIST MICROPHONE (PRO product line)					
	KMS 104	Acoustical operating principle Pressure gradient transducer, Directional pattern Cardioid, Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 4.5 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 28 dB Equivalent noise level, A-weighted1) 18 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 66 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 76 dB Maximum SPL for THD 0.5%2) 150 dB Maximum output voltage 12 dBu Dyn. range of the mic. amplifier (A-weighted) 132 dB Supply voltage (P48, IEC 1938) 48 V ± 4 V ni or blk	495,00	415,83	499,00 EUR
	KMS 104 plus	Acoustical operating principle Pressure gradient transducer, Directional pattern Cardioid, <u>extended bass</u> , Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 4.5 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 28 dB Equivalent noise level, A-weighted1) 18 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 66 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 76 dB Maximum SPL for THD 0.5%2) 150 dB Maximum output voltage 12 dBu Dyn. range of the mic. amplifier (A-weighted) 132 dB Supply voltage (P48, IEC 1938) 48 V ± 4 V ni or blk	495,00		594,00 EUR
	KMS 105	Acoustical operating principle Pressure gradient transducer, Directional pattern Supercardioid, Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 4.5 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 28 dB Equivalent noise level, A-weighted1) 18 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 66 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 76 dB Maximum SPL for THD 0.5%2) 150 dB Maximum output voltage 12 dBu Dyn. range of the mic. amplifier (A-weighted) 132 dB Supply voltage (P48, IEC 1938) 48 V ± 4 V ni or blk	495,00	415,83	499,00 EUR
Shotgun Microphones (PREMIUM product line)					
	KMR 81 i	Acoustical operating principle Interference transducer Directional pattern Supercardioid/lobe Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 18 mV/Pa Rated impedance 150 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 23 dB Equivalent noise level, A-weighted1) 12 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 71 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 82 dB Maximum SPL for THD 0.5%2) 128 dB Maximum SPL for THD 0.5% with preattenuation2) 138 dB Maximum output voltage 1.3 dBu Dynamic range of the microphone amplifier (A-weighted) 116 dB Supply voltage (P48, IEC 61938) 48 V ± 4 V ni or blk	1.289,00	1.082,50	1.299,00 EUR
	KMR 82 i	Acoustical operating principle Interference transducer Directional pattern Supercardioid/lobe Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 18 mV/Pa Rated impedance 150 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 23 dB Equivalent noise level, A-weighted1) 12 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 71 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 82 dB Maximum SPL for THD 0.5%2) 128 dB Maximum SPL for THD 0.5% with preattenuation2) 138 dB Maximum output voltage 1.3 dBu Dynamic range of the microphone amplifier (A-weighted) 116 dB Supply voltage (P48, IEC 61938) 48 V ± 4 V ni or blk	1.488,00	1.249,17	1.499,00 EUR
Broadcast Microphones (PRO product line)					
	BCM 104	Acoustical operating principle Pressure gradient transducer Directional pattern Cardioid Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 1 kohm 22 mV/Pa Sensitivity at -14 dB attenuation 4.4 mV/Pa Rated impedance 50 ohms Rated load impedance 1 kohms Equivalent noise level, CCIR1) 18 dB Equivalent noise level, A-weighted1) 7 dB-A Maximum SPL for THD 0.5%2) 138 dB Maximum SPL for THD 0.5% with preattenuation2) 152 dB Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 66 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 87 dB Maximum output voltage 10 dBu Dynamic range of the microphone amplifier (A-weighted) 131 dB Supply voltage (P48, IEC 61938) 48 V ± 4 V ni	892,00	729,17	875,00 EUR
	BCM 705	Acoustical operating principle Pressure gradient transducer Directional pattern Hypercardioid Frequency range 20 Hz ... 20 kHz Sensitivity at 1 kHz into 10 kohm 1.7 mV/Pa Rated impedance 200 ohms Rated load impedance 10 kohms Equivalent noise level, CCIR1) 32 dB Equivalent noise level, A-weighted1) 18 dB-A Signal-to-noise ratio, CCIR1) (rel. 94 dB SPL) 62 dB Signal-to-noise ratio, A-weighted1) (rel. 94 dB SPL) 76 dB ni	545,00	415,83	499,00 EUR
BCK	headgrille for BCM ni		76,00	91,00 EUR	
Accessories (PRO product line)					
ELASTIC SUSPENSION					
	EA 1 elastic suspension	elastic suspension for M 147, TLM 193, 103, 102 ni or blk	221,00	165,00	198,00 EUR
	EA 2 elastic suspension	elastic suspension for D 01 ni or blk	251,00		301,00 EUR
	EA 4 elastic suspension	elastic suspension for U 87 Ai, TLM 67 ni or blk	tba		tba EUR
	EA 87 elastic suspension	elastic suspension for U 87 Ai, TLM 67 ni or blk	306,00	248,33	298,00 EUR
	EA 89 A elastic suspension	elastic suspension for U 89 ni	307,00	248,33	298,00 EUR
	EA 170 elastic suspension	elastic suspension for TLM 170, M 149 ni or blk	307,00	249,17	299,00 EUR
	EA 2124 A elastic suspension	elastic suspension for KM 100 + KM A/D + KM 180 series blk	153,00		184,00 EUR
	WKE 81 set*	elastic suspension, with pistol grip and boom pole connectors for KMR 81i. Can be used separately, or mounted inside the windscreen	482,00		578,00 EUR
	WKE 82 set*	elastic suspension, with pistol grip and boom pole connectors for KMR 82i. Can be used separately, or mounted inside the windscreen	533,00		640,00 EUR
	WKE 191 set*	elastic suspension, with pistol grip and boom pole connectors for RSM 191, USM 69. Can be used separately, or mounted inside the windscreen	667,00		800,00 EUR
TABLE STAND & TABLE FLANGE					
	MF 2 table stand	Small table stand with brass base, very sturdy, Ø 60mm, 340g, blk	102,00		122,00 EUR
	MF 3 table stand	table stand with iron base, 1,6 kg in weight, 110 mm in diameter. It has a black matte finish Ø 110mm, 1,6kg blk	184,00		221,00 EUR
	MF 4 table stand	Floor stand with gray cast iron base. The floor stand has a matt black finish and rests on a non-skid rubber disk attached to the bottom. Ø 160mm, 2,6kg blk	255,00		306,00 EUR
	MF 5 table stand	Floor stand with gray soft-touch powder coating. It has a non-skid sound-absorbing rubber disk attached to the bottom. The stand connection has a 3/8" thread. Weight 2,7 kg, diameter 250 mm. gry	82,00		98,00 EUR
	MF-AK table stand	small table stand with swivel joint, with 2.4 m cable, connecting directly to the active capsules of the KM 100 system. It is inserted between active capsule and KM 100 output stage. Cable outlets are sideways and on the underside. The MF-AK is fitted with a nonslip rubber disk. blk	307,00		368,00 EUR
TF 221 C table flange	Table flange to mount components of the KM 100 system inconspicuously. It can be fastened under a tabletop or vertically to the edge of a stage allowing to hide other attachments, for example the SG 100 swivel mount. A KVF.. capsule extension, when clipped into the SG 100 is the only visible part above the hole in the table. blk	113,00		136,00 EUR	
FLOOR STAND, BOOM, SHOCK MOUNT					
	M 210/1 floor stand	M 210/1 is a floor stand with boom attachment, weight 3.5 kg, nickel-plated. The height is adjustable between 0.9 m and 1.6 m, boom extends to 0.84 m. Stand and boom have a 3/8" threaded stud.ni	87,00		104,00 EUR
	M 212 C boom attachment	boom attachment designed for the floor stand M 214/1. Weight 4.3 kg. Boom extension is adjustable between 1.1 m and 1.8 m. Counterbalanced for heavy microphones; 3/8" threaded stud, 1/2" female thread. ni	169,00		203,00 EUR
	M 214/1 floor stand	folding floor stand, weight 6 kg, heavy duty. The height is adjustable between 1.3 and 2.2 m, when folded 1.2 m. The stand is partly nickel-plated, partly black lacquered blk/ni	169,00		203,00 EUR
	M 252 floor stand	folding floor stand with boom attachment. Weight 3.2 kg. The height is adjustable between 0.61 m and 1.55 m, when folded 0.56 m. The boom attachment extends from 0.46 m to 0.765 m. The floor stand and the boom attachment have a 3/8" threaded stud. Partly nickel-plated, partly black lacquered blk/ni	108,00		130,00 EUR
	M 255 floor stand	folding floor stand especially designed for adjustments close to the floor. It has a permanent boom attachment. Weight 3.0 kg. The height of the horizontal boom is 0.43 m. The boom attachment extends from 0.85 m to 1.54 m. It has a 3/8" threaded stud. Partly nickel-plated, partly black lacquered blk/ni	92,00		110,00 EUR
	SR 100 stand tube	Part of a floor stand designed for the KM 100 system, for example using a KM 140. For connecting with the KM 100 output stage, a KA 100 cable adapter is necessary. The stand consists of an MF 4 stand and a guide tube in which an inserted KVF 158 capsule extension (included in supply schedule) glides and can be locked. The guide tube is 20 mm in diameter and 0.8 m in height. The height of the capsule can be adjusted between 0.95 and 1.45 m. blk	1.072,00		1.286,00 EUR
KA 100 cable adapter	The current KM 100 system accessories connect directly to the output stages. For older accessories, ending with a 3-pin LEMO plug, the redesigned KA 100 cable adapter connects these accessories to the KM 100 (F) output stages.Length: 0.5 m blk	231,00		277,00 EUR	

Model	Description	EUR Netto (ex. VAT)	Special EUR (ex. VAT)	EUR + 20% DDS (incl. VAT)
	STV 4 stand extension The STV 40 mm stand extensions are screwed between microphone stands (for example MF 4, MF 5) and swivel mounts (for example SG 21 bk). blk	62,00		74,00 EUR
	STV 20 stand extension The STV200 mm stand extensions are screwed between microphone stands (for example MF 4, MF 5) and swivel mounts (for example SG 21 bk).blk	113,00		136,00 EUR
	STV 40 stand extension The STV400 mm stand extensions are screwed between microphone stands (for example MF 4, MF 5) and swivel mounts (for example SG 21 bk).blk	159,00		191,00 EUR
	STV 60 stand extension The STV600 mm stand extensions are screwed between microphone stands (for example MF 4, MF 5) and swivel mounts (for example SG 21 bk). blk	159,00		191,00 EUR
	Z 26 mt shock mount The Z 26 rubber shock mount is inserted between the stand and the swivel mount to avoid the transmission of structure-borne noise. It has a 1/2" threaded stud and a 5/8"-27 female thread to attach to tripods. Included is a thread adapter for 1/2" and 3/8" studs. blk	72,00		86,00 EUR
AUDITORIUM HANGERS				
	MNV 21 mt The auditorium hanger adjusts the tilting angle of a microphone suspended by its own cable. The MNV 21 consists of the tilting clamp, suitable to hold a microphone, and a locking cable strain relief. Suitable for cables with 4-5 mm diameter. Compatible with KM 100, KM A/D, KMR 81, blk	40,00		48,00 EUR
	MNV 87 The auditorium hanger consists of a cable suspension and a rotating 1/2" threaded stud, to connect to e. g. swivel mounts. The stud is screwed into the threaded coupling of the swivel mount. Then the microphone can be tilted while it is suspended from its own cable. Compatible with large diaphragm mics ni or blk	143,00		172,00 EUR
	MNV 100 The MNV 100 auditorium hanger is used to suspend a detached miniature microphone capsule freely from ist interconnecting cable. The assembly can be rotated and tilted to any desired angle. Suitable for cables with 3 - 3.5 mm diameter. Compatible with KM 100, KM A/D, blk	77,00		92,00 EUR
STAND MOUNT & MISCELLANEOUS MECHANICAL ADAPTER (KM A/D series only)				
	DS 120 double mount 150 mm long support bar with two movable 1/2" threaded studs, e DS 120 has a 5/8"-27 female thread, plus a thread adapter to connect to 1/2"- and 3/8" stands. blk	146,00		175,00 EUR
	MZGE 8000 stand mount Stand mount to attach one KVG capsule extension to MZEF vertical bars nx			EUR
	MZGE 8002 stand mount Stand mount to attach two KVG capsule extensions to MZEF vertical bars nx			EUR
	KVG 130 capsule extension KVG capsule extension allows to use the KK 100 capsules separated from the output stage without the need for additional cables. The rigid part of the capsule extension is 8 mm in diameter. At the capsule end, the swivel can be set through $\pm 110^\circ$. The KVG ... are mounted with MZGE 8000 or 8002 on MZEF vertical bars. Special lengths on request. The extended length of the KVG 130 nx is approximately 300 mm. nx	334,00		401,00 EUR
	KVG 160 capsule extension KVG capsule extension 600 mm nx	364,00		437,00 EUR
	KVG 1120 capsule extension KVG capsule extension 1200 mm nx	419,00		503,00 EUR
	SG 21 stand mount Swivel mount with a plastic clamp for miniature microphones. It has a 5/8"-27 female thread, plus a thread adapter to connect to 1/2"- and 3/8" stands. blk	41,00		49,00 EUR
	SG 109 stand mount Swivel mount for detached miniature microphone capsules. It has a 3/8" thread. nx	49,00		59,00 EUR
	SG 110 swivel mount The SG 110 nx swivel mount can be inserted between KK capsules and the KM D output stage. The capsule can then be swiveled and orientated through $\pm 110^\circ$. In combination with an elastic suspension and a table flange, a mechanically decoupled, unobtrusive setup can be realised, e.g. for TV news Length 60 mm, \varnothing 22 mm.	210,00		252,00 EUR
	SGE 100 stand mount Swivel mount for detached miniature microphone capsules. A rubber shock mount suppresses structure-borne noise. The swivel mount has an M 6 thread (6 mm). Attaching the swivel mount to the MF 2 table stand, the SGE 100 replaces the rubber shock mount of the table stand. blk	92,00		110,00 EUR
	STH 100 stereo mount Stereo mount with a swivel mount and two holders, for two detached miniature microphone capsules. Two stereo recording methods are then possible. One holder enables the microphone setup according to the "ORTF Method": Two detached capsules are snapped into the clamps at the end of the holder. The distance between diaphragms is then 170 mm, with an angle of 110° . The other pair of holders allows stereo setups according to the "Coincidence Method": Capsules are installed acoustically at one point in space, however, freely adjustable to any angle between 30° and 180° . The swivel mount has a 5/8"-27 thread, plus a thread adapter to connect to 1/2"- and 3/8" stands blk	181,00		217,00 EUR
	STH 120 stereo mount The STH 120 stereo mount accepts two detached miniature microphone capsules, parallel and one above the other for MS stereo recordings. It is rotatable and swivelable. The swivel mount has a 5/8"-27 thread, plus a thread adapter to connect to 1/2"- and 3/8" stands. blk	164,00		197,00 EUR
STAND MOUNT & MISCELLANEOUS MECHANICAL ADAPTER (KM 100 series only)				
	DS 100-1 double mount Mount to attach two KVF... capsule extensions of the KM 100 system onto a tripod. Especially suited for holding long KVF.. It is easy to arrange the capsule extensions in parallel or facing each other. The double mount has a 5/8"-27 female thread, plus a thread adapter to connect to 1/2"- and 3/8" stands. Suitable for 2 KVF extensions, blk	66,00		79,00 EUR
	DS 120 double mount The DS 120 has a 150 mm long support bar with two movable 1/2" threaded studs. Two microphones in their mounts can be attached. Any space or angle between the microphones is freely adjustable. The DS 120 has a 5/8"-27 female thread, plus a thread adapter to connect to 1/2"- and 3/8" stands. blk	146,00		175,00 EUR
	KVF 118 KA capsule ext. Any KVF... capsule extension allows to use the active capsules separated from the output stage without the need for additional cables. The rigid part of the capsule extension is 6.5 mm in diameter, the flexible gooseneck has a diameter of 8 mm. Special length on request. The extended length of the KVF 118 KA is approximately 300 mm. Cable length: 2.2 m. blk	297,00		356,00 EUR
	KVF 158 KA capsule ext. Any KVF... capsule extension allows to use the active capsules separated from the output stage without the need for additional cables. The rigid part of the capsule extension is 6.5 mm in diameter, the flexible gooseneck has a diameter of 8 mm. Special length on request. The extended length of the KVF 158 KA is approx. 700 mm. Cable length: 1.8 m. Mounted on SG 100(-) / DS 100. blk	310,00		372,00 EUR
	KVFF 148 KA capsule ext. Any KVF... capsule extension allows to use the active capsules separated from the output stage without the need for additional cables. The rigid part of the capsule extension is 6.5 mm in diameter, the flexible gooseneck has a diameter of 8 mm. Special length on request. The extended length of the KVFF 148 KA is approximately 570 mm. It differs from the KVF 118/158 KA by providing a second flexible section of approximately 100 mm at about the middle of the rigid section. Cable length: 1.9 m. Mounted on SG 100(-) / DS 100. blk	351,00		421,00 EUR
	SG-AK swivel mount The SG-AK swivel mount can be inserted between active capsules and the output stage of the KM 100 system. The capsule can then be swiveled and orientated through 90° . In combination with an elastic suspension and a table flange, a mechanically decoupled, unobtrusive setup can be realised, e.g. for TV news announcers. Length 45 mm, diameter 22 mm. blk	187,00		224,00 EUR
	SG 21 stand mount Swivel mount with a plastic clamp for miniature microphones. It has a 5/8"-27 female thread, plus a thread adapter to connect to 1/2"- and 3/8" stands. blk	41,00		49,00 EUR
	SG 100 stand mount Swivel mount to attach capsule extensions KVF of the variable KM 100 miniature microphone system to tripods. It has a 5/8"-27 thread, plus a thread adapter to connect to 1/2"- and 3/8" stands. blk	35,00		42,00 EUR
	SG 100-1 stand mount Mount to attach a KVF capsule extensions of the KM 100 system onto a tripod. Especially suited for holding long KVF.. It has a 5/8"-27 thread, plus a thread adapter to connect to 1/2"- and 3/8" stands. blk	50,00		60,00 EUR
	SGE 100 stand mount Swivel mount for detached miniature microphone capsules. A rubber shock mount suppresses structure-borne noise. The swivel mount has an M 6 thread (6 mm). Attaching the swivel mount to the MF 2 table stand, the SGE 100 replaces the rubber shock mount of the table stand. blk	92,00		110,00 EUR
	SMK 100 KA gooseneck The SMK 100 KA for the KM 100 system is used to assemble particularly small table microphones, for example on an MF 2 table stand. The gooseneck is only 8 mm in diameter. It has a 5/8"-27 female thread, plus a thread adapter to connect to 1/2" and 3/8" stands. The cable is incorporated in the gooseneck and emerges at the rear. It terminates with a ring contact adapter fitting onto the KM 100 output stage. Gooseneck length 160 mm. Cable length 2.5 m. blk	356,00		427,00 EUR
	SMK 100-2 KA gooseneck Gooseneck for directly mounting two active capsules of the KM 100 system, making a particularly small table microphone. Both goosenecks are only 8 mm in diameter. The bottom has a 5/8"-27 female thread, plus a thread adapter to connect to 1/2" and 3/8" stands. They terminate with a ring contact adapter fitting onto the KM 100 output stage. Gooseneck length 160 mm. Cable length 2.5 m. blk	395,00		474,00 EUR

Model	Description	EUR Netto (ex. VAT)	Special EUR (ex. VAT)	EUR + 20% DDS (incl. VAT)
STAND & SWIVEL MOUNT for other products				
	SG 1 The microphone mount of the SG 1 is made of metal. The SG 1 has a 5/8"-27 female thread, plus a thread adapter to connect to 1/2"- and 3/8" stands. Compatible TLM 103, TLM 193,M 147, TLM 102 blk	59,00		71,00 EUR
	SG 2 Microphone mount compatible with TLM 102, TLM 193, M 147, TLM 103 blk	40,00		48,00 EUR
	SG 5 On the microphone side it has a 3/8" male thread, on the stand side a 5/8"-27 female thread, plus a thread adapter to connect to 1/2"- and 3/8" stands. Compatible with BCM 104 + other blk	58,00		70,00 EUR
	SG 87 The microphone mount of the SG 87 is made of metal. It has a swivel mount has a 5/8"-27 thread, plus a thread adapter to connect to 1/2"- and 3/8" stands. Compatible with U 87i/ U 87Ai, TLM67 blk	67,00		80,00 EUR
	SG 89 The microphone mount of the SG 89 is made of metal. It has a 5/8"-27 thread, plus a thread adapter to connect to 1/2"- and 3/8" stands. Compatible with U 89 blk	73,00		88,00 EUR
	SG 105 Stand clamp for KMS vocalist microphones. The clamp can be swivelled and has a 5/8"-27 thread, plus a thread adapter to connect to 1/2"- and 3/8" stands. Compatible with KMS serie blk	17,00		20,00 EUR
POPSCREEN				
	PS 15 Pop screens provide excellent suppression of so-called pop noise, such as "p" or "t". They consist of a round, thin frame covered with black gauze on both sides. A gooseneck of about 30 cm (12") in length is mounted at the popshield. It will be attached to microphone stands by means of a clamp with a knurled screw. The frame is 15 cm in diameter. blk	84,00	76,00	91,00 EUR
	PS 20 a Pop screens provide excellent suppression of so-called pop noise, such as "p" or "t". They consist of a round, thin frame covered with black gauze on both sides. A gooseneck of about 30 cm (12") in length is mounted at the popshield. It will be attached to microphone stands by means of a clamp with a knurled screw. The frame is 20 cm in diameter. blk	70,00	64,17	77,00 EUR
	PS 87 Pop screens provide excellent suppression of so-called pop noise, such as "p" or "t". They consist of a round, thin frame covered with black gauze on both sides. A gooseneck of about 30 cm (12") in length is mounted at the popshield. It will be attached to microphone stands by means of a clamp with a knurled screw. The frame is 20 cm in diameter. blk	202,00	182,00	218,00 EUR
WINDSCREEN (l. = length)				
	WNS 100 blk Windscreen Wind noise attenuation 18 dB. Attenuation at 15 kHz 2 dB. Ø 45 mm. Compatible with KM D/A, KM 100 blk	18,00		22,00 EUR
	WNS 100 r/gr/yel Windscreen Wind noise attenuation 18 dB. Attenuation at 15 kHz 2 dB. Ø 45 mm. Compatible with KM D/A, KM 100 red, grn, yel,	17,00		20,00 EUR
	WNS 100 bl Windscreen Wind noise attenuation 18 dB. Attenuation at 15 kHz 2 dB. Ø 45 mm. Compatible with KM D/A, KM 100 blu	19,00		23,00 EUR
	WNS 100 white Windscreen Acoustically transparent wind and pop protection with improved efficiency. Wind noise attenuation 21 dB. Attenuation at 15 kHz 1 dB. Ø 45 mm, length 70 mm. Compatible with KM D/A, KM 100 Color black. blk	24,00		29,00 EUR
	WNS 110 Windscreen Acoustically transparent wind and pop protection with improved efficiency. Wind noise attenuation 21 dB. Attenuation at 15 kHz 1 dB. Ø 45 mm, length 70 mm. Compatible with KM D/A, KM 100 Color black. blk	30,00		36,00 EUR
	WNS 120 Windscreen Wind noise attenuation 15 dB. Attenuation at 15 kHz 2 dB. Ø 48 mm, length 65 mm. Compatible with KK 120, AK 20 blk	18,00		22,00 EUR
	WS 2 Windscreen Wind noise attenuation 24 dB. Attenuation at 15 kHz approx. 2 dB. Diameter 80 mm. Compatible with TLM 102. 193. blk	19,00		23,00 EUR
	WS 47 Windscreen Wind noise attenuation 22 dB. Attenuation at 15 kHz 3 dB. Diameter 120 mm. Compatible with D 01. blk	43,00		52,00 EUR
	WS 69 Windscreen Wind noise attenuation 20 dB. Attenuation at 15 kHz 3 dB. Diameter 45 mm, length 70 mm. Compatible with USM 69. blk	31,00		37,00 EUR
	WS 81 Windscreen Wind noise attenuation 15 dB. Attenuation at 15 kHz 2 dB. Diameter 50 mm, length 195 mm. Compatible with KMR 81. blk	23,00		28,00 EUR
	WS 82 Windscreen Wind noise attenuation 15 dB. Attenuation at 15 kHz 2 dB. Diameter 50 mm, length 350 mm. Compatible with KMR 82i blk	27,00		32,00 EUR
	WS 87 Windscreen Wind noise attenuation 26 dB. Attenuation at 15 kHz 3 dB. Diameter 90 mm. Compatible with U 67,87 Ai, TLM 50,103,127,170,M147 blk	21,00		25,00 EUR
	WS 89 Windscreen Wind noise attenuation 27 dB. Attenuation at 15 kHz approx. 3 dB. Diameter 90 mm. Compatible with U 89i, TLM 193. blk	22,00		26,00 EUR
	WS 100 Windscreen Wind noise attenuation 23 dB. Attenuation at 15 kHz approx. 4 dB. Ø 90 mm. Compatible with KM D/A, KM 100 blk	22,00		26,00 EUR
	WS 191 Windscreen Wind noise attenuation 10 dB. Attenuation at 15 kHz 2 dB. Diameter 58 mm, length 165 mm. Compatible with RSM 191. blk	23,00		28,00 EUR
	WSB Windscreen noise attenuation 15 dB. Attenuation at 15 kHz approx. 3 dB. Diameter 90 mm each. Compatible with KU 100. blk	247,00		296,00 EUR
	WSS 100 black Windscreen Wind noise attenuation 27 dB. Attenuation at 15 kHz 3 dB. Ø 90 mm. Compatible with KMS-serie blk, red, gm, yel, blu,amb	32,00		38,00 EUR
	WSS 100 red Windscreen Wind noise attenuation 27 dB. Attenuation at 15 kHz 3 dB. Ø 90 mm. Compatible with KMS-serie blk, red, gm, yel, blu,amb	35,00		42,00 EUR
	WSS 100 green Windscreen Wind noise attenuation 27 dB. Attenuation at 15 kHz 3 dB. Ø 90 mm. Compatible with KMS-serie blk, red, gm, yel, blu,amb	30,00		36,00 EUR
	WSS 100 yellow Windscreen Wind noise attenuation 27 dB. Attenuation at 15 kHz 3 dB. Ø 90 mm. Compatible with KMS-serie blk, red, gm, yel, blu,amb	13,00		16,00 EUR
	WSS 100 blue Windscreen Wind noise attenuation 27 dB. Attenuation at 15 kHz 3 dB. Ø 90 mm. Compatible with KMS-serie blk, red, gm, yel, blu,amb	39,00		47,00 EUR
	WSS 100 white Windscreen Wind noise attenuation 27 dB. Attenuation at 15 kHz 3 dB. Ø 90 mm. Compatible with KMS-serie blk, red, gm, yel, blu,amb	47,00		56,00 EUR
POWER SUPPLY				
	BS 48 i battery supply The battery unit supplies one microphone with 48 V phantom powering (P48). The maximum supply current is 5 mA. The audio output is dc-free. Therefore, no transformer is needed when connecting to unbalanced inputs. The cables couple to the BS 48 i through XLR 3 connectors. blk	834,00		1.001,00 EUR
	BS 48 i-2 battery supply The battery unit supplies one or two microphones with 48 V phantom powering (P48). The maximum current drain is 5 mA for each microphone. blk	878,00		1.054,00 EUR
	MTX 191 A matrix amplifier The MTX 191 A matrix amplifier is used for processing the MS microphone signals of the RSM 191 shotgun stereo microphone, or the active capsules AK 20 and AK 40 blk	2.401,00		2.881,00 EUR
	N 248 The N 248 supplies one stereo microphone, or two mono condenser microphones with 48 V phantom power (P48). blk	422,00		506,00 EUR
	N 149 A The N 149 A power supply generates the necessary operating voltages for M 147 1 tube, M 149 1 tube or M150 1 tube microphones blk	750,00		900,00 EUR
MICROPHONE CABLE				
	IC 3 Microphone cable with double twist (double helix) braiding as shield. Diameter 5 mm, 10 m. XLR 3. blk	143,00		172,00 EUR
	IC 4 ni 10m, IC 3 + swivel ni	329,00		395,00 EUR
	IC 4 blk 10m, IC 3 + swivel blk	339,00		407,00 EUR
	IC 5 ni Microphone cable with double twist (double helix) braiding as shield. Diameter 5 mm, length 10 m. XLR 5.ni	238,00		286,00 EUR
	IC 5 blk Microphone cable with double twist (double helix) braiding as shield. Diameter 5 mm, length 10 m. XLR 5 blk	254,00		305,00 EUR
	IC 6 ni 10m, IC 5 + swivel, ni	408,00		490,00 EUR
	IC 6 blk 10m, IC 5 + swivel, blk	418,00		502,00 EUR
	IC 7 Microphone cable with double twist (double helix) braiding as shield. Diameter 5 mm, length 10 m. XLR 7 connectors. Extends KT 5/KT 6. ni	191,00		229,00 EUR
	KT 5 Cable with double twist (double helix) braiding as shield. Diameter 5 mm, length 5 m. DIN 7 F and XLR 7 M connectors. blk	190,00		228,00 EUR
	KT 6 10m, KT 5 + swivel, blk	270,00		324,00 EUR
	KT 8 Cable with double twist (double helix) braiding as shield. Diameter 5 mm, length 10 m. DIN 8 connectors. blk	217,00		260,00 EUR
	LC 2 Extension cable for older KM 100 accessories, with double twist braiding as shield. Extension for LC 3 microphone cable. Diameter 3.5 mm, length 10 m. 3-pin Lemo connectors. blk	12,00		14,00 EUR
	LC 3 KA (AK... -> KM 100) 5 m The LC 3 KA connects active capsules AK... with the KM 100 output stage. Diameter 3.5 mm, length 5 m. blk	215,00		258,00 EUR
	LC 3 KA (AK... -> KM 100) 10 m The LC 3 KA connects active capsules AK... with the KM 100 output stage. Diameter 3.5 mm, length 10 m. blk	245,00		294,00 EUR
	LC 4 5 m. The LC 3 KA connects active capsules AK... with the KM 100 output stage. Diameter 3.5 mm, length 10 m. blk	205,00		246,00 EUR
	LC 5 10 m. The LC 3 KA connects active capsules AK... with the KM 100 output stage. Diameter 3.5 mm, length 10 m. blk	243,00		292,00 EUR

Model	Description	EUR Netto (ex. VAT)	Special EUR (ex. VAT)	EUR + 20% DDS (incl. VAT)
ADAPTER CABLE (sj = 3,5mm unbalanced stereo jack; mj = 6,3mm unbalan. mono jack)				
 AC 20	Y-cable with one XLR 5 F connector and two XLR 3 M connectors. It is used to split two-channel signals into two mono channels, when using, for example, the BS 48 i-2 power supply.	114,00		137,00 EUR
 AC 21	Y-cable with one XLR 5 M connector and two XLR 3 F connectors. It is used to connect two mono microphones to power supplies with 5-pin connectors, when using, for example, BS 48 i-2 power supply.	143,00		172,00 EUR
 AC 22	Adapter cable with XLR 5 F connector and unbalanced 3.5 mm stereo jack. It is used to connect the 5-pin XLR output of the BS 48 i-2 power supply or the MTX 191 A matrix amplifier to units with a 3.5 mm stereo input. It is designed for all microphones of the fet 80/100 series and KM 100 F, excluding the KM 100 and the GFM 132.	67,00		80,00 EUR
 AC 23	Adapter cable with XLR 5 F connector and unbalanced 3.5 mm stereo jack. It is used to connect 5-pin XLR outputs of the BS 48 i-2 power supplies to units with a 3.5 mm stereojack input. Designed only for the KM 100 output stage and the GFM 132 boundary-layer microphone.	69,00		83,00 EUR
 AC 25	Adapter cable with XLR 3 F connector and unbalanced 6.3 mm mono jack. It is used to connect 3-pin XLR outputs of power supplies to units with a 6.3 mm monojack input. Designed for all microphones, excluding KM 100 System and GFM 132.	101,00		121,00 EUR
 AC 26	Adapter cable with XLR 3 F connector and unbalanced 6.3 mm mono jack. It is used to connect XLR 3 outputs of power supplies to units with a 6.3 mm monojack input. Designed only for KM 100 System and GFM 132.	102,00		122,00 EUR
 AC 27	Y-cable with XLR 5 F connector and two unbalanced 6.3 mm mono jacks. It is used to connect XLR 5 outputs of the BS 48 i-2 power supply or the MTX 191 A matrix amplifier to units with 6.3 mm monojack inputs. Designed for all microphones, excluding KM 100 System and GFM 132.	149,00		179,00 EUR
 AC 28	Y-cable with XLR 5 F connector and two unbalanced 6.3 mm mono jacks. It is used to connect the XLR 5 output of the BS 48 i-2 power supply to units with 6.3 mm monojack inputs. Designed only for KM 100 System GFM 132.	149,00		179,00 EUR
 AC 29	Y-cable with XLR 5 F connector and two unbalanced 6.3 mm mono jacks, with blocking condensers. It is used to connect the XLR 5 output of the MTX 191 (MTX 191 A see AC 27) matrix amplifier and KU 100 microphone to units with 6.3 mm monojack inputs.	200,00		240,00 EUR
AC 30	AK active capsules are part of the variable miniature microphone system. Together with the KM 100 output stage AK active capsules form a complete microphone.	374,00		449,00 EUR
MISCELLANEOUS				
 PA 100 pistonphone adapter	The pistonphone adapter allows to attach a calibration tool for any 1" measuring microphone (for example a Brüel & Kjaer 4228 or 4230) to each ear channel stud of the KU 100 dummy head. Each ear system can be calibrated separately. blk	30,00		36,00 EUR

Model	Description	EUR Netto (ex. VAT)	Special EUR (ex. VAT)	EUR + 20% DDS (incl. VAT)	
Studio Monitor Systems					
12. ONE-WAY MONITORS					
12.1 active control monitors					
3-way monitors					
active main studio monitor with DSP FIR and IIR controller					
	O 500 C	DSP Active Main Monitor 12" + 3" + 1" drivers, magnetically shielded, analog and digital inputs, 80 liters, 500 + 280 + 360 W, 123.4 dB SPL, 27 - 20k Hz, Grey	7.999,00	6.654,17	7.985,00 EUR
	O 500 C silver	DSP Active Main Monitor Silver	8.049,00		9.659,00 EUR
	O 410	Active Mid-field Monitor, 10" + 3" + 1" drivers, magnetically shielded, optional digital input, 42 liters, 400 + 190 + 210 W, 120.0 dB SPL, 30 - 24k Hz Grey	3.500,00	2.904,17	3.485,00 EUR
active mid-field studio monitor					
active near-field studio monitor					
	O 300 D L	Active Near-field Monitor, 8" + 3" + 1" drivers, magnetically shielded, analog and digital (96 kHz) inputs, 18.3 liters, 250 + 75 + 110 W, 112.8 dB SPL, 35 - 24k Hz. Left side of the pair. Grey	1.899,00	1.662,50	1.995,00 EUR
	O 300 D L silver	Silver version of O 300 D L	1.949,00	1.832,50	2.199,00 EUR
	O 300 D R	Active Near-field Monitor, 8" + 3" + 1" drivers, magnetically shielded, analog and digital (96 kHz) inputs, 18.3 liters, 250 + 75 + 110 W, 112.8 dB SPL, 35 - 24k Hz. Right side of the pair. Grey	1.899,00	1.662,50	1.995,00 EUR
	O 300 D R silver	Silver version of O 300 D R	1.949,00		2.339,00 EUR
	O 300 L	Active Near-field Monitor, 8" + 3" + 1" drivers, magnetically shielded, analog, 18.3 liters, 250 + 75 + 110 W, 112.8 dB SPL, 35 - 24k Hz. Left side of the pair. Grey	1.649,00		1.979,00 EUR
	O 300 L silver	Silver version of O 300 L	1.699,00	1.649,17	1.979,00 EUR
	O 300 R	Active Near-field Monitor, 8" + 3" + 1" drivers, magnetically shielded, analog, 18.3 liters, 250 + 75 + 110 W, 112.8 dB SPL, 35 - 24k Hz. Right side of the pair. Grey	1.649,00	1.582,50	1.899,00 EUR
	O 300 R silver	Silver version of O 300 R	1.699,00		2.039,00 EUR
2-way monitors					
active near-field studio monitor					
	O 110 D	Active Near-field Monitor - 5.5" + 1" drivers, magnetically shielded, analogue and digital inputs, 6.5 litres, 80 + 80W, 107.7dB SPL, 56Hz-24kHz Grey	899,00	749,17	899,00 EUR
	O 110 D silver	Silver version of O 110 D	949,00		1.139,00 EUR
	O 110	5.5+1" drivers 2-way active nearfield monitor, magnetically shielded, 50+50W. Grey	699,00	624,17	749,00 EUR
	O 110 silver	Silver version of O 110	749,00		899,00 EUR
1-way monitors					
active control monitor					
	KH 120 A G	Active studio monitor - 52 Hz ... 21 kHz, ± 3 dB (54 Hz ... 20 kHz, ± 2 dB) Self-generated noise <20 dB(A) at 10 cm Sine wave output with a THD < 0.5 % at 1 m 95 dB SPL (>100 Hz) Max. SPL In half space at 3% THD at 1m 112.2 dB	587,00		704,00 EUR
subwoofers					
passive					
	O 900	Passive studio subwoofer with 2x12" drivers. Extremely low frequency reproduction down to 17 Hz (-1.5 dB)	1.999,00		2.399,00 EUR
active with 7.1-channel bass management					
	O 870	Active subwoofer 2x10" drivers, Frequency Response: 19 - 300 Hz, @ 2 dB, Max. SPL In half space at 3% THD: 116.7 dB SPL, Grey or silver	2.995,00	2.707,50	3.249,00 EUR
	O 810	active Studio-Subwoofer, 1 x 10", 7.1 BassManagement, EQ, Low Cut, Dimensions: 360 x 330 x 645 mm, Weight: 26 kg, Colour: grey or silver	1.995,00	1.832,50	2.199,00 EUR
active with 3-channel bass management					
	O 800	Subwoofer- 10" chassis, 27Hz-100Hz, 112dB max SPL, for all K&H monitors. Dimensions: 360 x 320 x 510mm. Weight: 25kg, Colour: grey or silver	1.499,00	1.332,50	1.599,00 EUR
electronics					
	Pro C 28	FIR/IIR DSP controller			
		Black			EUR
	Pro M 1012	10in / 12out matrix			
		Black	3.799,00	3.082,50	3.699,00 EUR
accessories					
input modules					
	TIM 1	transformer-balanced			
		N/A	170,00		204,00 EUR
remote controls					
	RC 1012	PRO M 1012 (IR)			
		Black	59,00		71,00 EUR
	RC 55	ProC28/O500C (IR)			
		Black	59,00		71,00 EUR
	WRC 1012	PRO M 1012 (wired)			
		Grey	599,00		719,00 EUR
	SRC 1	O 870 / O 810			
		Black	169,00		203,00 EUR
	SEA 1	interface for remote controlling multiple subwoofers			
		N/A	145,00		174,00 EUR
remote electronic kits					
	REK 1	three-way systems			
		Black	430,00		516,00 EUR
	REK 2	subwoofers			
		Black	350,00		420,00 EUR
multicore cable					
	CMK 5	Pro C 28 to O 300 D controller cable (5m)			
		N/A	199,00		239,00 EUR
cable pack (FNRC 8-conductor cable with Neutrik NLT8FX, and FNRC CAT 5 cable with Neutrik					
	CP 2	2m			
		N/A	225,00		270,00 EUR
	CP 5	5m			
		N/A	275,00		330,00 EUR
	CP 10	10m			
		N/A	350,00		420,00 EUR
	CP 15	15m			
		N/A	430,00		516,00 EUR
	CP 20	20m			
		N/A	505,00		606,00 EUR
	CP 25	25m			
		N/A	615,00		978,00 EUR
	CP 30	30m			
		N/A	935,00		1.122,00 EUR
remote cable (CAT 5 with Neutrik NE8MC)					
	RC 2	2m			
		N/A	69,00		83,00 EUR
	RC 5	5m			
		N/A	74,00		89,00 EUR
	RC 10	10m			
		N/A	82,00		98,00 EUR
	RC 15	15m			
		N/A	90,00		108,00 EUR
	RC 20	20m			
		N/A	99,00		119,00 EUR
	RC 25	25m			
		N/A	107,00		128,00 EUR
	RC 30	30m			
		N/A	115,00		138,00 EUR
subwoofer cable (FNRC 4-conductor cable with Neutrik NLT4FX)					
	SC 2	2m			
		N/A	114,00		137,00 EUR
	SC 5	5m			
		N/A	153,00		184,00 EUR
	SC 10	10m			
		N/A	217,00		260,00 EUR
	SC 15	15m			
		N/A	282,00		338,00 EUR
	SC 20	20m			
		N/A	347,00		416,00 EUR
	SC 25	25m			
		N/A	411,00		493,00 EUR
	SC 30	30m			
		N/A	470,00		564,00 EUR

Model	Description		EUR Netto (ex. VAT)	Special EUR (ex. VAT)	EUR + 20% DDS (incl. VAT)
metal grilles					
GO 500	O 500 C	Black	199,00		239,00 EUR
GO 410	O 410 blk or slv	Black	219,00		263,00 EUR
GO 300	O 300 (D) blk or slv	Black	125,00		150,00 EUR
mounting hardware					
KG 30	Ball clamp bracket for a P 110 or O 110 (D)	Black	69,00		83,00 EUR
LH 7	Microphone stand adaptor with 1/2" inner thread and M8 outer thread	Silver	29,00		35,00 EUR
LH 8	Microphone stand adaptor with 3/8" inner thread and M8 outer thread	Silver	29,00		35,00 EUR
 LH 11	Mounting bracket for an M 52 (D)	Black	29,00		35,00 EUR
LH 25	U' shaped mounting bracket for an O 300 (D)	Black	49,00		59,00 EUR
LH 27	Ball clamp mount for a P 110 or O 110 (D)	Black	39,00		47,00 EUR
LH 28	Adapter for mounting onto a 35mm tripod stand	Black	39,00		47,00 EUR
 LH 29	Adaptor for mounting onto a lighting tripods stand or truss bar	Silver	89,00		107,00 EUR
LH 31	'L' shaped mounting bracket for a P 110 or O 110 (D)	Black	39,00		47,00 EUR
LH 32	Wall mount bracket for a P 110 or O 110 (D)	Black	39,00		47,00 EUR
LH 33	0-15 degree tilt connector	Black	29,00		35,00 EUR
LH 35	'U' shaped mounting bracket for an O 500 C	Black	59,00		71,00 EUR
LH 36	Tilting adapter for loudspeaker mounted on a subwoofer	Black	99,00		119,00 EUR
LH 37	Adapter for 35mm flanges	Black	69,00		83,00 EUR
LH 38	Ceiling mount bracket for a P 110 or O 110 (D)	Black	49,00		59,00 EUR
 LH 41	Base plate for an O 300 (D) or O 410	Black	104,00		125,00 EUR
LH 42	Ceiling mount system for O 410	Black	510,00		612,00 EUR
LH 43	Ceiling mount plate	Black	109,00		131,00 EUR
LH 45	Wall mount 'L' bracket	Black	129,00		155,00 EUR
LH 46	Adjustable ceiling drop adapter	Black	285,00		342,00 EUR
LH 47	Mounting adaptor 115 mm	Black	30,00		36,00 EUR
LH 48	Tripod adaptor plate 115 mm	Black	18,00		22,00 EUR
MA 19	3U 19" rack mount adapter for 2 x M 52 (D)	Black	99,00		119,00 EUR
flight cases (wooden)					
6URACK	4U of rack mount equipment, and a 2U drawer	Black	440,00		528,00 EUR
FM 52	2 x M 52	Black	330,00		396,00 EUR
FO 110	2 x O 110 (D)	Black	395,00		474,00 EUR
FO 300	O 300 (D)	Black	290,00		348,00 EUR
FO 410	O 410	Black	790,00		948,00 EUR
FO 500	O 500 C	Black	1.130,00		1.356,00 EUR
FO 800	O 800	Black	620,00		744,00 EUR
FO 810	O 810	Black	670,00		804,00 EUR
FO 870	O 870	Black	800,00		960,00 EUR
FO 900	O 900	Black	975,00		1.170,00 EUR