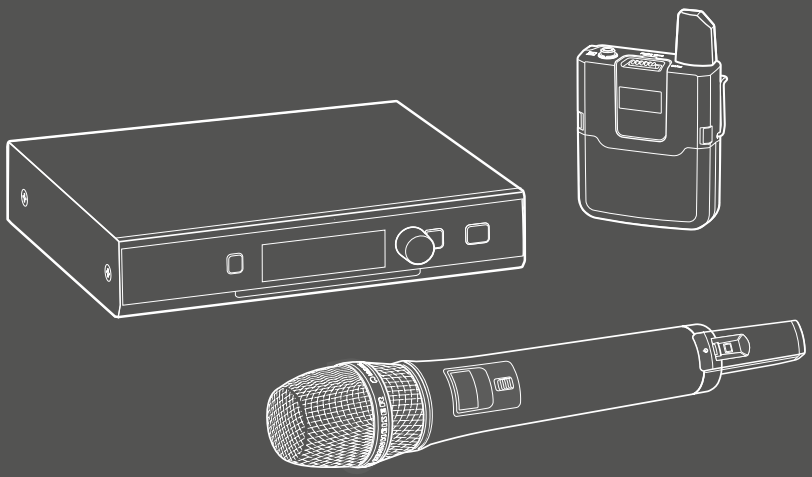
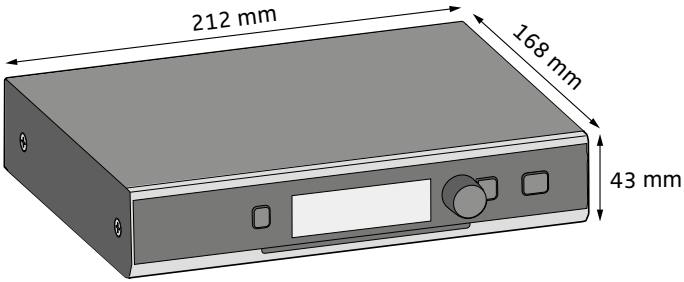
ew D1



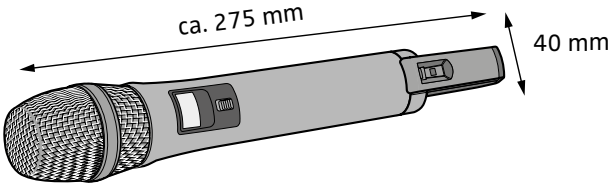
Technische specificaties

SENNHEISER

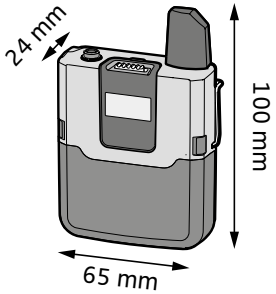
EM D1



SKM D1/SKM-S D1



SK D1



ew D1
Technische specificaties

Systeem

NF-frequentiebereik	20 tot 20.000 Hz	
Dynamische bereik	> 128 dB (A)	
THD	typ. 0,1 % (1 kHz, 6 dB onder maximale uitgangsniveau)	
Audio sampling	24 bit/48 kHz	
Signaal-ruisverhouding	typ. 109 dB (A)	
HF-frequentiebereik	2.400 tot 2.483,5 MHz	
Modulatie	GFSK met dataretourkanaal	
Overdrachtssysteem	TDMA, Time diversity, Frequency diversity, Fast switching antenna diversity	
Latentie	3,9 ms	
Audio Codec	aptX® Live	
relatieve luchtvochtigheid	max. 95%	
Temperatuurbereik*	in bedrijf:	–10°C tot +55°C
	Opslag:	–20°C tot +70°C

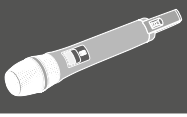
* De eigenschappen van de batterij beïnvloeden dit temperatuurbereik.

EM D1



HF-gevoeligheid	< –90 dBm	
Zendvermogen retourkanaal	10 mW/100 mW (landspecifiek)	
Audio Output Level Gain	Mic/Line level switch:	–12 dB/0 dB
	XLR, symmetrisch:	max. +18 dBu
	Jackplug, niet-symmetrisch/ symmetrisch:	max +12 dBu/max +18 dBu
Audio-effecten	Low Cut:	bij 120 Hz
	Equalizer:	7-bands grafische equalizer
	De-Esser:	multi-frequency targets
	Automatic Gain Control (AGC):	Compressie/expansie met automatische make-up-gain-functie
Display	OLED	
Laagspanningsbussen	XLR/6,3 mm jackplug	
Antennebussen	2 x Rev-SMA	
Netwerkbus	RJ45	
Netwerkprotocol	Media Control Protocol, UDP IPv4 (DHCP, Manual)/IPv6	
Voedingsspanning	12 V DC jackplug	
Stroomverbruik	350 mA	
Gewicht	ca. 824 g	

SKM D1



Zendvermogen	tot max. 100 mW adaptief of 10 mW (landspecifiek)	
NF-frequentiebereik	50 tot 20.000 Hz	
Ingangsgevoeligheid	Automatic Sensitivity Adjustment	
Voedingsspanning	Batterijen:	2x penlite AA (1,5 V)
	Accupack*:	BA 10 (Li-Ion, 3,6 V)
Levensduur van de batterij	Batterijen:	typ. 6 uur
	Accupack*:	typ. 11 uur
Display	LCD	
Gewicht (zonder batterijen)	ca. 280 g incl. kapsel	

* als optie verkrijgbare toebehoren

SK D1



Zendvermogen	tot max. 100 mW adaptief of 10 mW (landspecifiek)	
NF-frequentiebereik	Mic:	50 tot 20.000 Hz
	Line:	20 tot 20.000 Hz
Max. ingangssignaal	Mic:	2,2 V rms
	Line:	3,3 V rms
Ingangsimpedantie line	1 MΩ	
Ingangsgevoeligheid	Automatic Sensitivity Adjustment	
Voedingsspanning	Batterijen:	2x penlite AA (1,5 V)
	Accupack*:	BA 30 (Li-Ion, 3,7 V)
Levensduur van de batterij	Batterijen:	typ. 6 uur
	Accupack*:	typ. 11 uur
Laagspanningsbus	3,5 mm jackplug, schroefbaar	
	Mic +	Line +
Gewicht (zonder batterijen)	ca. 85 g	

* als optie verkrijgbare toebehoren

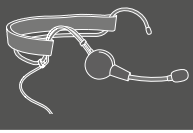
MMD



	835-1	845-1	935-1	945-1
Microfoontype	dynamisch			
Gevoeligheid	2,1 mV/Pa	1,6 mV/Pa	2,5 mV/Pa	1,8 mV/Pa
Richtkarakteristiek	Nier	Supernier	Nier	Supernier
Max. geluidsdruk	154 dB/SPL	154 dB/SPL	130 dB/SPL	150 dB/SPL

ME



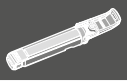


	ME 2-2	ME 3-II
Microfoontype	permanent gepolariseerde condensatormicrofoon	
Gevoeligheid	20 mV/Pa	1,6 mV/Pa
Richtkarakteristiek	Kogel	Nier
Max. geluidsdruk	130 dB/SPL	150 dB/SPL

Voedingsadapters

	NT 12-4C	NT 2-3CW
Nominale ingangsspanning	100 tot 240 V~	
Netfrequentie	50 of 60 Hz	
Ingangsstroomsterkte	max. 120 mA	
Nominale uitgangsspanning	12 V ⎓	
Stand-by stroomverbruik	≤ 0,3 W	
Energie-efficiencyklasse	V	IV
Bedrijfstemperatuur	–10°C tot +55°C	
Opslagtemperatuur	–20°C tot +70°C	
Relatieve luchtvochtigheid	max. 95%	
Gewicht	ca. 100 g	ca. 105 g

Accupacks





	BA 10	BA 30
Laadcapaciteit	2.200 mAh	2.030 mAh
Uitgangsspanning	3,6 V	3,7 V

Verklaringen van de fabrikant

Garantie

- Sennheiser electronic GmbH & Co. KG verleent op dit product een garantie van 24 maanden.
- De op dit moment geldende garantiebepalingen kunt u downloaden van het internet onder www.sennheiser.com of bij uw Sennheiser-leverancier opvragen.

In overeenstemming met onderstaande eisen

- WEEE-richtlijn (2012/19/EU)
  
  Breng deze producten aan het einde van de levenscyclus a.u.b. naar één van de plaatselijke inzamelpunten of naar een recyclingbedrijf.
- Batterijrichtlijn (2006/66/EG)
  De gebruikte accu's of batterijen moeten worden gerecycled. Lever oude accu's c.a. batterijen a.u.b. in bij de officiële inzamelplaatsen of de vakhandel. Zorg ervoor, om het milieu te beschermen, dat lege batterijen of accu’s op de juiste wijze als afval worden behandeld.

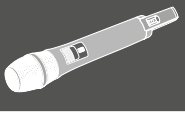
CE-overeenstemming

- CE
- R&TTE-richtlijn (1999/5/EG)
- RoHS-richtlijn (2011/65/EU)
- EMC-richtlijn (2014/30/EU)
- Laagspanningsrichtlijn (2006/95/EU)

De verklaringen zijn op internet onder www.sennheiser.com/download beschikbaar. Lees voor de inbedrijfstelling de specifieke voorschriften door, die voor uw land van toepassing zijn.

Informatie over vergunningen en certificeringen vindt u in het hoofdstuk „Compliance“.

Compliance

EM  SK  SKM 

In compliance with

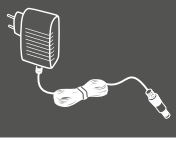
Europe	CE	Radio	EN 300328
		EMV	EN 301489-1/-17
		Safety	EN 60950-1, EN 62311 (SAR)
		RoHS	EN 50581
USA		FCC 47 CFR 15	
Canada		Industry Canada RSS 210, CAN ICES-3(B)/NMB-3(B)	
Australia/New Zealand		AS/NZS 4268	

Certified by

Argentina	EM D1	CNC COMISIÓN NACIONAL DE COMUNICACIONES	CNC ID: C-15479
	SKM D1		CNC ID: C-15476
	SKM-S D1		CNC ID: C-15478
	SK D1		CNC ID: C-15480
Australia			
Brazil		QUANTA BRASIL IMPORTAÇÃO E EXPORTAÇÃO LTDA	EUROBRAS FILM PRODUÇÕES CINEMATOGRAFICAS LTDA
	EM D1	ANATEL 3463-15-7356 (78)89945108 07 2	ANATEL 3254-15-7356 (78)984654701 92
	SKM D1 SKM-S D1	ANATEL 3204-15-7356 (78)89945108 06 5	ANATEL 3514-15-7356 (78)984654701 85
	SK D1	ANATEL 3185-15-7356 (78)89945108 05 8	ANATEL 3441-15-7356 (78)984654701 78
China	EM D1	CMIIT ID: 2015DJ4568	
	SKM D1	CMIIT ID: 2015DJ4566	
	SKM-S D1	CMIIT ID: 2015DJ4567	
	SK D1	CMIIT ID: 2015DJ4569	

India	EM D1	No. NR-ETA/ 1575	
	SKM D1	No. NR-ETA/ 1572	
	SKM-S D1	No. NR-ETA/ 1573	
	SK D1	No. NR-ETA/ 1574	
Indonesia	EM D1	42145/SDPPI/2015 5204	
	SKM D1	42143/SDPPI/2015 5204	
	SKM-S D1	42144/SDPPI/2015 5204	
	SK D1	42142/SDPPI/2015 5204	
Japan		EM R 202-SMC045 SKM R 202-SMC046 SK R 202-SMC047	
Canada	EM D1	IC: 2099A-EM2G4WE	
	SKM D1	IC: 2099A-SKM2G4WE	
	SK D1	IC: 2099A-SK2G4WE	
		C US	
Korea	EM D1		MSIP-CRM-SE9-EMD1 A/S: 1544-1699
	SKM D1		MSIP-CRM-SE9-SKMD1
	SKM-S D1		A/S: 1544-1699
	SK D1		MSIP-CRM-SE9-SKD1 A/S: 1544-1699
Malaysia	EM D1		RDCN/01A/1015/S(15-3469)
	SKM D1		RBBR/09A/1015/S(15-3471)
	SKM-S D1		RBBR/10A/1015/S(15-3472)
	SK D1	MCMC	RBBR/08A/0915/S(15-3470)
Mexico		Sennheiser México, S.A. de C.V. Xola 613 PH 6 Colonia del Valle Delegación Benito Juarez 03100 Ciudad de México	
		NOM NYCE	IFETEL no : RCPSEEV15- 1413 Certificado No.: 1502CE13150

New Zealand			
Philippines	EM D1	 NTC	ESD-1511343C
	SKM D1		ESD-1511341C
	SKM-S D1		ESD-1511342C
	SK D1		ESD-1511344C
Peru	EM D1	Código: TRSS33993	
	SKM D1	Código: TRSS33991	
	SKM-S D1	Código: TRSS33992	
	SK D1	Código: TRSS34013	
Singapore	EM D1		
	SKM D1	Complies with IDA Standards DB100582	
	SKM-S D1		
	SK D1		
South Africa		Radio Equipment Type Approval Number : TA-2014/2631	
Taiwan	EM D1	CCAH15LP2170T8	
	SKM D1	CCAH15LP2210T7	
	SKM-S D1	CCAH15LP2211T9	
	SK D1	CCAH15LP2180T1	
Thailand		เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคล้องตามข้อกำหนดของ กทช	
	EM D1	ID : RT 0936	
	SKM D1	ID : RT 0938	
	SKM-S D1	ID : RT 0939	
	SK D1	ID : RT 0937	
UAE		Authorization Number : ER39427/15	
USA	EM D1	FCC ID: DMOEM2G4WE	
	SKM D1	FCC ID: DMOSKM2G4WE	
	SK D1	FCC ID: DMOSK2G4WE	
			
Vietnam		Suntech VietNam Technology Company Limited	
	EM D1		ICT: C0102290715AE01A2
	SKM D1		ICT: C0104290715AE01A2
	SKM-S D1		ICT: C0105290715AE01A2
	SK D1		ICT: C0103290715AE01A2

NT 12-4C  NT 2-3CW 

In compliance with

Europe	CE	EMC	EN 55022, EN 55024
		Safety	EN 60065
		RoHS	EN 50581
		Commission Regulation (EC) No.	1275/2008
USA/Canada		EMC	FCC 47 CFR 15 B ICES 003, CAN ICES-3(B)/NMB-3(B)
		Safety	UL 60065 CAN/CSA-C22.2 No. 60065
China		EMC	GB13837, GB17625
		Safety	GB8898
		RoHS	15
Australia/New Zealand		EMC	AS/NZS CISPR 22
		Safety	AS/NZS 60065

Certified by

Australia/New Zealand		
China		(NT 2-3CW only)
Europe		
Japan	PS E	
Korea		KTL SU 10524-13002 (NT 2-3CW only)
USA/Canada	C SA US	

BA 10  BA 30 

In compliance with

Europe	CE	EMC	EN 301489-1/-6/-17
		Safety	IEC/EN 62133
USA/Canada		Rechargeable battery cells	UL 1642
		Accupack	UL 2054
Japan		DENAN Ordinance Article 1; Appendix 9 Lithium Ion	
Korea		Safety	K 62133
UN transportation test		according to UN Manual of Tests and Criteria, Part III, section 38.3 Lithium-Ion batteries	

Certified by

USA/Canada	UL
Japan	PSE ゼンハイザージャパン(株)
Korea	K

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Designed specifically for digital wireless microphones, aptX® Live delivers exceptional acoustic quality with a dynamic range in excess of 120 dB and a coding delay of under 2 ms. This unparalleled delay enables the wireless streaming of digital audio in real time and removes any lip synchronization issues.

The aptX® Live audio codec also employs connection, synchronization, and error reduction techniques to ensure a solid and professional wireless link.

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Publ. 08/16, 554641/A02