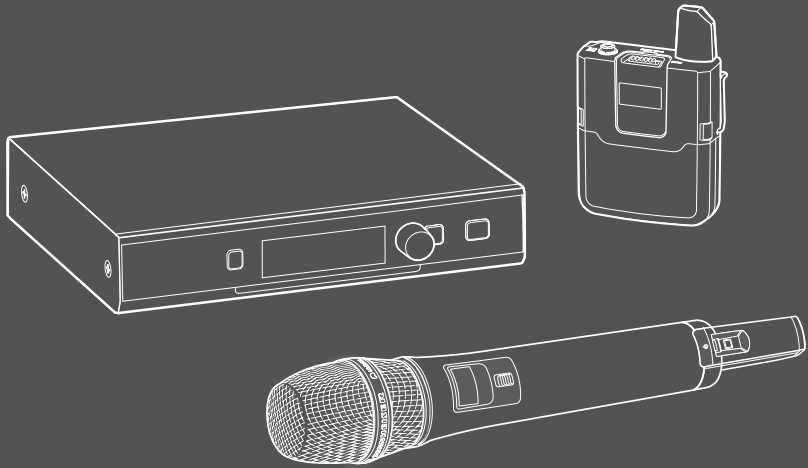
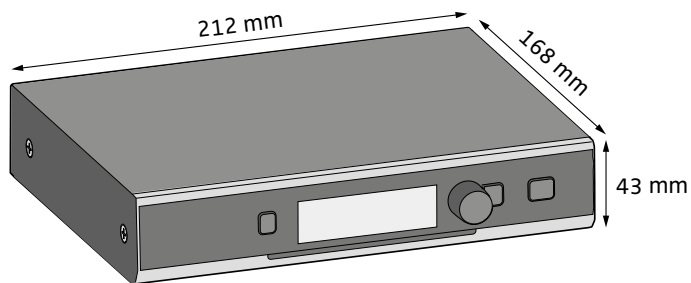


ew D1

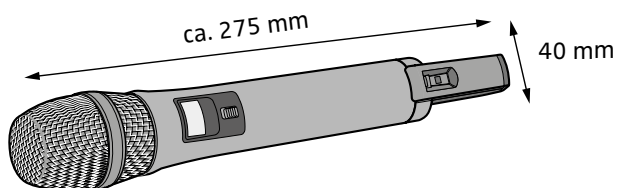


Technische specificaties

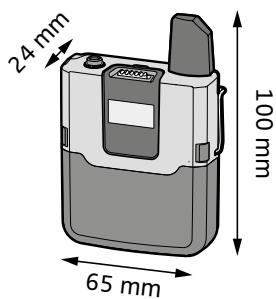
EM D1



SKM D1/SKM-S D1



SK D1



ew D1

Technische specificaties

Systemem

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

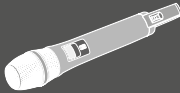
* De eigenschappen van de batterij beïnvloeden dit temperatuurbereik.

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
Netwerkbuss	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
Ingangsgoedigheid	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

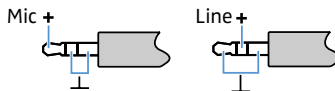
* als optie verkrijgbare toebehoren

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: 1,5 V rms Line: 3,1 V rms
Ingangsimpedantie line	1 M Ω
Ingangsgoedigheid	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
Gewicht (zonder batterijen)	ca. 85 g

* als optie verkrijgbare toebehoren

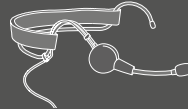


MMD



	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.

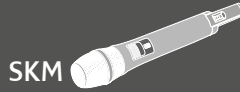
CE-overeenstemming

- 
- 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



In compliance with

Europe		Radio EMV Safety RoHS	EN 300328 EN 301489-1/-17 EN 60950-1, EN 62311 (SAR) 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 SKM D1 SKM-S D1 SK D1		CNC ID: C-15479 CNC ID: C-15476 CNC ID: C-15478 CNC ID: C-15480
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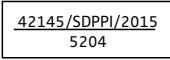
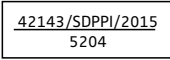
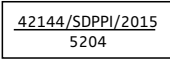
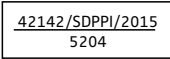
Australia







Brazil		QUANTA BRASIL IMPORTAÇÃO E EXPORTAÇÃO LTDA	EUROBRAS FILM PRODUÇÕES CINEMATOGRAFICAS LTDA
	EM D1		
	SKM D1 SKM-S D1		
	SK D1		

China	EM D1 SKM D1 SKM-S D1 SK D1	CMIIT ID: 2015DJ4568 CMIIT ID: 2015DJ4566 CMIIT ID: 2015DJ4567 CMIIT ID: 2015DJ4569	
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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	
	SKM D1	
	SKM-S D1	
	SK D1	

Japan		EM	 202-SMC045
		SKM	 202-SMC046
		SK	 202-SMC047

Canada	EM D1	IC: 2099A-EM2G4WE
	SKM D1	IC: 2099A-SKM2G4WE
	SK D1	IC: 2099A-SK2G4WE



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		RBBR/08A/0915/S(15-3470)

Mexico	Sennheiser México, S.A. de C.V.		
	Xola 613 PH 6 Colonia del Valle		
	Delegación Benito Juárez		
	03100 Ciudad de México		



IFETEL no : RCPSEEV15- 1413
 Certificado No.: 1502CE13150

New Zealand



Philippines

EM D1
SKM D1
SKM-S D1
SK D1



NTC

ESD-1511343C
ESD-1511341C
ESD-1511342C
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
SKM-S D1
SK D1

Complies with
IDA Standards
DB100582

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

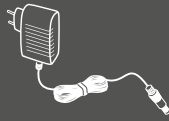
EM D1
SKM D1
SKM-S D1
SK D1

Suntech VietNam Technology Company Limited



ICT: C0102290715AE01A2
ICT: C0104290715AE01A2
ICT: C0105290715AE01A2
ICT: C0103290715AE01A2



NT 12-4C









NT 2-3CW



In compliance with

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

Certified by

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


BA 10






BA 30



In compliance with

Europe		EMC Safety	EN 301489-1/-6/-17 IEC/EN 62133
USA/Canada		Rechargeable battery cells Accupack	UL 1642 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	
Japan	 <small>ゼンハイザージャパン(株)</small>
Korea	

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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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