

HEADMIC SET

ew D1-ME3

evolution wireless D1

FEATURES

- Lightweight and robust: headset microphone for excellent speech intelligibility
- Up to 15 compatible channels (under optimal conditions) in license-free 2.4 GHz band
- Automatic frequency management
- Prevents interference: Intelligent channel back-up allows co-existence with Wi-Fi & Bluetooth
- Audio effects: equalizer, de-esser, automatic gain control
- iOS & Android app for remote control and monitoring of the system
- Rugged metal housing



SCOPE OF SUPPLY

- EM D1 rackmount receiver
- SK D1 bodypack transmitter
- ME 3-II headset microphone
- Power supply
- Battery holder
- 2x AA batteries
- Transport case
- User manual

RECOMMENDED ACCESSORIES

- GA 4 rackmount kit for EM D1
- BA 30 rechargeable battery pack for SK D1
- CHG-2 charging unit for SKM D1 and SK D1



DESCRIPTION

HD Live sound and highest range: the digital D1 HEADMIC SET operates in a license-free 2.4 GHz band and can be monitored via remote control iOS and Android app. Intelligent channel back-up allows co-existence with Wi-Fi and Bluetooth. The system comes in a rugged transport case consisting of an EM D1 1/2 19" rackmount receiver, a lightweight SK D1 bodypack transmitter, a headset microphone for excellent speech intelligibility, power supply, battery holder and 2 AA batteries.

TECHNICAL DATA

SYSTEM

AF frequency response	20 to 20.000 Hz
Dynamic range	> 135 dB (A)
THD (1 kHz)	typ. < 0,1 %
Audio sampling	24 bit/48 kHz
Signal-to-noise ratio	≥ 105 dB (A)
RF frequency ranges	2,400 to 2,483.5 MHz
Modulation	GFSK with back channel
Transmission method	TDMA
time diversity	
frequency diversity	
fast switching antenna diversity	
Latency	3.9 ms
Audio codec	APT-X Live
Temperature range*	relative air humidity max. 95 % Operation: – 10 °C to +55 °C Storage: – 20 °C to +70 °C

* The temperature range is influenced by the battery characteristics

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TECHNICAL DATA

SK D1

RF output power	100mW/adaptive or 10mW (country-specific)
AF frequency response	
Mic	50 to 20,000 Hz
Line.....	20 to 20,000 Hz
Max. input level	
Mic	2.2 V RMS
Line.....	3.3 V RMS
Line input impedance	1 MΩ
Input sensitivity	automatic sensitivity adjustment
Power supply	
Batteries	2 x AA size battery (1,5V)
Accupack*.....	BA 30 (Li-Ion, 3.7V)
Operating time	
Batteries	typ. 6 h
Accupack*.....	typ. 11 h
AF connection socket	3.5 mm jack socket, lockable
Weight (w/o batteries)	approx. 85 g
	* optional accessory

EM D1

RF sensitivity	<-90 dBm
RF output power	back channel 10 mW/100 mW (country-specific)
Audio output level gain	Mic/line level switch -24 dB/0 dB
	XLR, balanced max +18 dBu
	Jack, unbalanced/balanced max +12 dBu/max +18 dBu
Audio effects	
Low cut	-3 dB at 120 Hz
Equalizer	7-band graphic equalizer
De-esser	multi-frequency targets
Automatic gain control (AGC)	compression/expansion with auto- matic make-up gain function
Display	OLED
AF connection sockets	XLR/1/4" (6.3 mm) jack
Antenna sockets	2 x Rev-SMA
Network socket	RJ45
Network protocol	Media Control Protocol
	TCP/IP IPv4 (DHCP, Manual)/IPv6
Power supply	12 V DC hollow jack
Current consumption	350 mA
Weight	approx. 824 g

MICROPHONE

ME 3-II

Microphone type	pre-polarized condenser
Sensitivity	1.6 mV/Pa
Pick-up pattern	cardioid
Max. SPL	150 dB SPL

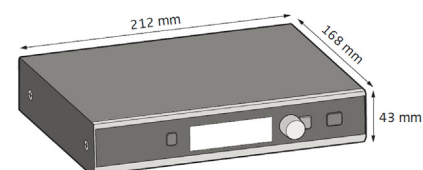
CONNECTIONS

EM D1

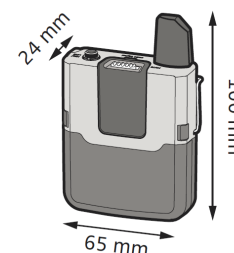


DIMENSIONS

EM D1



SK D1



PRODUCT VARIANTS

505801 ew D1-ME3-H-EU	Headmic Set, 10mW
505810 ew D1-ME3-H-UK.....	Headmic Set, 10mW
505821 ew D1-ME3-NH-US	Headmic Set, 100mW
506149 ew D1-ME3-NH-NT	Headmic Set, 100mW