INSTRUMENT SET

ew D1-Cl1

evolution wireless D1

FEATURES

- Lightweight bodypack transmitter, robust guitar cable included
- 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
- Cl1 guitar cable
- 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 INSTRUMENT 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, guitar cable, 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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INSTRUMENT SET ew D1-CI1

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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 automatic
make-up gain function
Display .....OLED
AF connection sockets .....XLR/¼'' (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

PRODUCT VARIANTS

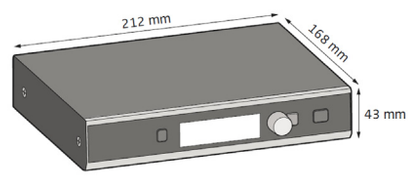
505802 ew D1-CI1-H-EU .....Instrument Set, 10mW
505811 ew D1-CI1-H-UK.....Instrument Set, 10mW
505822 ew D1-CI1-NH-US .....Instrument Set, 100mW
506150 ew D1-CI1-NH-NT .....Instrument Set, 100mW

CONNECTIONS

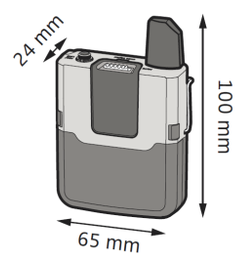
EM D1

DIMENSIONS

EM D1



SK D1



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