



DW-24R / 24H / 24P

2.4G Digital Wireless System

Features

- 2.4 GHz ISM band
- GFSK digital modulation
- Intelligent Frequency Hopping
- Auto-pairing
- Auto-mute



DW-24 is a digital wireless system operating in the 2.4 GHz ISM band. It is a perfect system to use in venues where UHF frequency bands are busy. It features a receiver box DW-24R plus a handed microphone transmitter DW-24H and a body pack transmitter DW-24P. Digital transmission used GFSK modulation that guarantees high audio quality. The DW-24 features 16 “invisible” channels and it is equipped with an intelligent frequency hopping system which automatically changes the channel in case of interferences. An auto-mute function allows to mute the audio signal if too many interferences scramble the transmission. An automatic pairing function is available to match a transmitter with a receiver. Multiple transmitters can be paired with the same receiver, although only one transmitter can be used at a time. This function makes easy to have a spare transmitter ready to work. It will automatically replace the last paired one in case of trouble.



DW-24H



DW-24P +
LM-60 (4B)



HM-28 (4B)

Specifications

DW-24R Receiver

Frequency	2.404 ~ 2.476 GHz
Modulation	GFSK
RF Sensitivity	-78dBm
Transmission Distance	> 25m (distance insight)
Channel	16
Frequency Response	20 Hz-18kHz (16bit - 38.4kHz)
THD	< 0.05% @ 1 kHz
S/N Ratio	> 85dB
RF Sensitivity	-78dBm
System Latency	18ms
Audio Output Level	0dBu (770mV)
Power Supply	DC 12V / 200mA
Operating Temperature	0 ~ 55°C
Storage Temperature	-20 ~ 80°C

DW-24H / DW-24P Body Pack Transmitter

Frequency	2.404 ~ 2.476 GHz
Modulation	GFSK
Transmit Power	8dBm (Typical)
Transmission Distance	> 30m
Channel	16
Frequency Response	20 Hz-18kHz (+/- 3dB)
Distortion	0.05% @ 1 kHz
SNR	> 89dB
System Latency	18ms
Power Supply	"AA" 1.5V x 2
Consumption Current	< 85mA (at 3V)
Battery Life	> 20 hours
Bandwidth	2MHz

Specifications subject to modification without notice



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