

UDM-240ZV Vehicular or Base Repeater

UDM-240ZH - Handheld Speaker Microphone/Intercom

WIRELESS MIC SYSTEM

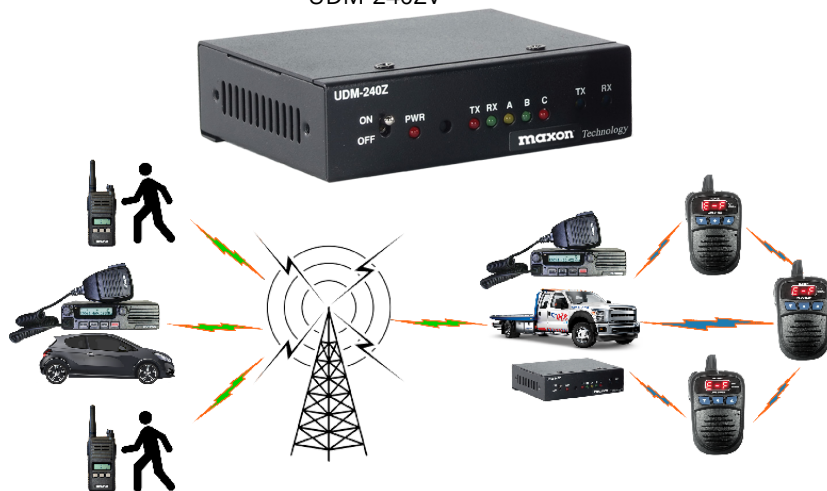
The Maxon UDM Series provides both direct and repeater mode (mobile radio) communications. Ideal for dispatch centers, tour groups, tow trucks, outside vehicle communication, and anywhere else you need to stay connected wireless & LICENSE FREE.

UDM-240ZV – Vehicular or Base Repeater

- UDM Vehicle Repeater works with all major brands of mobiles via customizable cable
- 2.4 GHz ISM Band - Zigbee Wireless Protocol
- Communicate up to 320' from repeater to UDM-240ZH mic in "Repeater Mode"
- Separate Mic Gain and Audio Adjustments
- Dynamic Programming
- Charger - Vehicle Mount or Desktop



UDM-240ZV



IDEAL FOR TOUR GROUPS, DISPATCH OFFICES, & OUTSIDE-OF-VEHICLE MOBILE RADIO COMMUNICATIONS

UDM-240ZH – Handheld Speaker Mic/Intercom

- Communicate through a connected mobile radio from 320' away in Repeater Mode and also between mics directly up to 160' in "Intercom mode"
- Desktop Charger (Optional Vehicle Mount)
- Displays Channel & Volume Status
- Earphone Jack 3.5mm
- Group/Individual ID Mode Selectable
- IP67 Certified

UDM-240ZH



UDM Series | Wireless Mic System

maxon®

UDM-240ZH Standard Package



SPECIFICATIONS UDM-240ZH

GENERAL

Frequency Band	ISM 2.4-2.48 GHz
Frequency Stability	+30ppm at -10~+50C
Channel	16 Ch. Dynamic
Power	DC 6V 500mA
Battery	Li-Poly 3.7V, 1150mA
Dimensions (H/W/D)	3.5x2.3x1.2" (88x59x30 mm)
Weight	4.3 oz. (123 g.)

TRANSMITTER

Power	20dBm
Power Consumption	110mA
Mic Input	50~100 mVrms

RECEIVER

Power	20dBm
Power Consumption	110mA
Mic Input	50~100 mVrms

UDM-240ZV Standard Package



SPECIFICATIONS UDM-240ZV

GENERAL

Frequency Band	ISM 2.4-2.48 GHz
Frequency Stability	+30ppm at -10~+50C
Channel	16 Ch. Dynamic
Power	DC 13.8V
Dimensions (H/W/D)	1.4x3.9x3.9" (35x100x99 mm)
Weight	9.7 oz. (275 g.)

TRANSMITTER

Power	20dBm
Power Consumption	110mA
Mic Input	50~100 mVrms

RECEIVER

Sensitivity	-98dBm at 1% BER
Audio Frequency Band	300-3000Hz
Power Consumption	Standby (100mA) RX(120mA)

UDM-240ZV Interface Cable Pin Function and Color Code Guide

8	- GND	Blue-White	8
7	- Hi - PTT (output)	Blue	7
6	- Low - PTT (output)	Green-White	6
5	- Disc (audio Input)	Green	5
4	- Hi - Busy (input)	Orange-White	4
3	- Mic (audio output)	Orange	3
2	- Low - Busy (input)	Brown-White	2
1	- VCC 13.8V	Brown	1

NOTE: Some features indicated by specifications listed are prohibited by FCC rule and are not available on models sold in the U.S. or its territories.

Specifications are subject to change without notice.

ACCESSORIES



ACCESSORY OPTIONS

12VDC Lighter Adapter
(12-24V Input; 5V 800 mA Output)
Mounting Bracket

maxon®
Maxon America, Inc.

11535 W. 83rd Terrace Lenexa, KS 66214

Tel: (800) 456-2071 - Tel: (913) 859-9515

Fax: (913) 859-9550

Web: www.maxonamerica.com

E-mail: maxon@maxonamerica.com