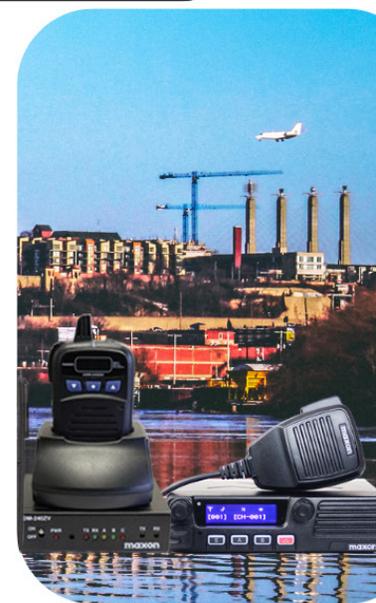


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COMMUNICATIONS MAXIMIZED



**Chatter** **Box!**<sup>™</sup>

Product Catalog 2025 Q1

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COMMUNICATIONS MAXIMIZED



Maxon America is an American-owned and operated LMR two-way radio manufacturer and distributor located in Lenexa, Kansas just south of Kansas City. We have been providing our customers high quality, dependable portable radios, mobiles, repeaters, Wireless Loudspeakers and data telemetry radios throughout the U.S. and Worldwide for more than 45 years.

Maxon has a broad portfolio of Analog and Digital DMR products for all your LMR communication needs and ChatterBox Helmet Communicators in GMRS/FRS radio & Bluetooth for Motorcycling, Snowmobiling, and all other types of adventure riding.

Full sales, technical support, and repair service teams are available live by phone, email, or chat.

Visit our website [www.maxonamerica.com](http://www.maxonamerica.com) for more information on Maxon Products.



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11535 W. 83RD TERRACE, LENEXA, KS 66214

NEW!

Digital Business Radio

# MBR-400 SERIES

The Maxon MBR-400 is a simple and compact digital business radio perfect for restaurants, supermarkets, and retail stores. Pocket sized, it fits perfectly in the palm of your hand and can be used with an earpiece (included) or just use its loudspeaker audio. With a built-in antenna and unobtrusive swivel belt clip, you will be able to act freely and barely notice you are wearing a radio as you communicate to the rest of your co-workers throughout your day. DMR Digital audio ensures your conversations are loud and clear.



## FEATURES:

- Pocket-Sized 3.38"(H) x 2.02"(W) x 0.86"(D); 100g
- Preprogrammed w/ 16 common Jobsite frequencies in DMR Digital
- CPS Programmable (UHF 440-470MHz) for Digital (DMR Tier II TDMA), Analog, or Mixed Mode per Channel
- 16 Channels, 1 Zone
- Private Call Contact List (54 Contacts)
- 2 Watt (High) / .5W (Low)
- Built in Speaker & MIC (1 Watt Audio output)
- IP54 certified protected against blowing rain
- Built-in Battery (DC+3.7V Li-ion / 2,000Mah); 18hr talk time
- Encryption Mode (AES256)
- Channel and Battery Remaining announcement
- Spanish Language (menus)
- Multiple Scan Modes, including Priority Scan
- Lone Worker (Safety Feature)
- Emergency / Siren (Programmable Key)
- Vibration Function
- Voice recording and playback
- VOX (Hands Free TX/RX), VOX Enabled
- Earpiece: "C" Style Earpiece (In-Box), "Discreet" Earpiece (Optional)
- Over the Air Program Cloning



6 Cup Dual Slot Gang Charger - Radio/Battery & Battery



\*Optional Discreet Headset



**NEW!**

# MDP-7000 SERIES

MDP-7124 5/1W VHF (136-174MHz)  
MDP-7424 5/1W UHF (406-470MHz)

## FEATURES:

- **1024 Channels (16 Channels w/ 64 Zones)**
- **DMR Tier 2, Analog, and Mixed Mode Operation**
- **5/1-Watt RF Power Settings (Programmable)**
- **1 Watt Audio output**
- **DC+7.4V Li-ion 2600 or 3350 mAh Battery Options**
- **Multiple Scan Modes & Nuisance Delete**
- **Etiquette (Vibration) Function Standard**
- **Vivid 2.0" TFT LCD (176 x 220) Display**
- **Alpha-Numeric Full Keypad**
- **Contact List & Quick Call (240 Contacts)**
- **One Touch Text Messaging**
- **DTMF / 2-Tone Encode & Decode**
- **Voice Recording and Playback (Up to 63 recordings)**
- **Spanish Language Support**
- **Lone Worker Mode**
- **VOX (Voice Operated Transmit)**
- **Remote Stun / Revive / Monitor functions**
- **Programmable Side Buttons**
- **Controls Volume for MDS Series Wireless Loudspeakers**
- **IP67 (Waterproof)**
- **(H8) Multi-pin Locking Accessory Connector**
- **Encryption (AES-CTR 256 (Standard), DMRA-AES 256 (SW Option))**
- **Transmit Interrupt (SW Option)**
- **Single Frequency Repeater SFR (SW Option)**
- **Man-Down Safety Feature (Factory Option)**
- **SFR (Single Frequency Repeater) (SW Option)**

Maxon's MDP-7000 Series of two-way portable radios utilize the latest DMR digital technology (Text, Voice Record, Contacts, Encryption) with a large color display and essential Analog features (DTMF, 2Tone) in a waterproof IP-67 body and full keypad.

Great for farms, construction, irrigation, forestry, & security.



6 Cup Dual Slot Gang Charger - Radio/Battery & Battery



# MDP-6000 SERIES

MDP-6124 5/1W VHF (136-174 MHz)  
MDP-6424 5/1W UHF (406-470 MHz)



## MDP-6000 Series

The MDP-6000 Series of Digital + Analog Radios combine the versatility of the latest Analog and DMR Tier 2 Digital Radio features such as Mixed Mode, AES Encryption, Voice Record, and Texting with exceptional 5W power and is IP-67 certified.

- 2500 Channels, 64 Zones; 1024 Channels Per Zone
- 5 Watt RF Output Power VHF & UHF
- 2600 or 3350 mAh Li-Ion Battery Options
- DMR Tier II TDMA/Analog per Channel
- Mixed Mode (Digital & Analog)
- 240 Contacts and Call Log (Digital Mode)
- AES(CTR) Encryption standard (128/196/256bit)
- 2-Pin Audio Connector
- CTCSS/DCS
- Lone Worker
- 5 Levels VOX
- One-Touch Text/Calling
- 1 Watt Audio Output
- LED Flashlight
- Controls Volume for MDS Wireless Speakers
- Multiple Scan Options
- Voice Recording and Playback
- Remote Monitor/Stun/Revive
- Programmable Key and Menu Functions
- Wireless and Cabled Cloning
- Man-Down (Factory Option)
- TX Inhibit (Factory Option)
- Motorola-compatible DMRA-AES Encryption (Factory Option)
- IP67 Certified (Waterproof)



# DMR



10 Cup Dual Slot Gang Charger -  
Radio/Battery & Battery



# MDP-5000 SERIES

MDP-5116 5/2W VHF (136-174 MHz)  
 MDP-5416 5/2W UHF (400-480 MHz)  
 MDP-5124 5/2W VHF (136-174 MHz)  
 MDP-5424 5/2W UHF (400-480 MHz)

## MDP-5000 Series

The MDP-5000 Series is a reliable and sophisticated 5W digital DMR/Analog radio that is a perfect all-around radio for schools and security, yet rugged for construction and farming use. IP-67 Waterproof & Dustproof. DMR digital features include AES256 encryption, Direct Call contacts, Text Messaging, and Single Frequency Repeater.

- 5/2W RF Power Output for UHF & VHF Models
- 1024 Channels , 10 Zones (Display)
- 48 Channels , 3 Zones (Non-Display)
- Programmable DMR Tier 2 / Analog / Mixed Mode Per Channel
- Normal/Priority Scan
- 2600mAh (18Hr) or 3350mAh (21hr) Battery Options
- Clear & loud speaker (1W)
- IP-67 Waterproof & Dust Proof
- VOX (Hand's Free Operation)
- Preprogrammed Text Messaging (Display)
- All-Call Broadcast/Group/Individual Call
- Individual Call Contact List (50 Contacts) & Call Log
- Call Alert
- DTMF Encode
- 2 & 5 Tone Encode / Decode
- Lone Worker
- Emergency Call (Alert)
- Remote Monitor
- Stun/Un-Stun
- Motorola-compatible AES256 & ARC4 Encryption
- AES192/AES128 Encryption Standard
- TX interrupt (Standard)
- Single Frequency Repeater SFR (Standard)



**DMR**  
 DIGITAL MOBILE RADIO ASSOCIATION



6+6 Dual Slot Charger  
 Radio/Battery & Battery only



MDP-5416/5116



MDP-5424/5124



# TSD-4000 SERIES

- TSD-4416 5/1W UHF (410-470 MHz)
- TSD-4116 5/1W VHF (136-174 MHz)
- TSD-4424 5/1W UHF (410-470 MHz)
- TSD-4124 5/1W VHF (136-174 MHz)



## TSD-4000 Series

The TSD-4000 Series of Digital + Analog Radios are the best radio for any day to day application. The series provides the user a powerful 5W performance in an attractive, compact size. Its ability to work on both Digital and Analog systems make this feature-rich radio perfect for schools, hotels, restaurants, security companies, custodial services, and industrial use whenever you need a reliable and cost effective device to communicate right away.

- 512 Channels (Display: 32 Ch / 16 Zones, Non Display: 16 Ch / 32 Zones)
- 5 Watt RF Output Power VHF and UHF
- DMR Tier II TDMA/Analog per Channel
- 6.25/12.5/25 kHz Channel Spacing
- Direct or Repeater TDMA Tier II Mode
- Channel Tri-Mode (DMR, Analog or Mixed)
- 1 Watt Audio Output
- 2600 or 3350 mAh Li-Ion Battery Options
- Remote Stun/Revive
- CTCSS/DCS, VOX
- Encryption AES (128, 192, 256-bit)
- Call Log (Display)
- Flashlight (Display)
- Lone Worker (Display) (Safety Feature)
- Voice Recording (Display)
- Text Messaging with Inbox and Outbox (Display)
- Contact Menu for Individual and Group Calling (Display)
- 2-Pin Audio Connector
- IP54 Certified



TSD-4116/4416

TSD-4124/4424



6 Unit Gang Charger/Dual Slot Radio/Battery & Battery only

10 Unit Gang Charger/Dual Slot Radio/Battery & Battery only

# TPD-8000E SERIES | TPD-8424E 3W UHF (440-470 MHz)

## DUAL MODES : ANALOG / DIGITAL

TPD-8000E series operates in either analog or digital DMR Tier 2 mode ensuring a smooth analog-to-digital transition. It is packed w/digital radio features such as a One Touch SMS Texting, Contact lists for Private and Group Calls, Flashlight, Voice Record, and Built-in AES 256bit encryption to ensure your communications are private.

## COMPACT DESIGN

TPD-8000E provides everything you need in a digital radio all while fitting in the palm of your hand.

## DURABLE : ALL DAY

TPD-8000E has an aluminum metal frame body that stands up to tough use. The 2200 mAh Li-Ion battery provides use for up to 14 hours\*, enough to last your entire work day. Perfect for small hotels, restaurants, retail stores, & shopping centers.



- 512 Channels (32 Channels with 16 Zones)
- 3W Digital, 2W Analog RF Output Power
- Direct or Repeater TDMA Tier II Mode
- 2200 mAh Li-Ion Battery
- 1 Watt Audio Output
- Dual-Slot USB Desktop Charger & Swivel Holder included
- Choice of Numeric or Alphanumeric Display
- CTCSS/DCS (Analog Mode)
- Direct Call contact list (54 Contacts)
- Voice Recording and Playback
- One-Touch Text
- Remote Stun/Revive
- VOX
- Programmable Buttons
- Etiquette Mode (Vibrate)
- LED Flashlight
- AES 256-bit Encryption
- IP54 Certified



**DMR**  
DIGITAL MOBILE RADIO ASSOCIATION



Dual Slot Rapid Rate Desktop Charger



# TP-8000 SERIES

TP-8102 5/2W VHF (136-174 MHz)  
TP-8402 4/2W UHF (400-470 MHz)

## TP-8000 Series Analog Two Way Radio

The TP-8000 Series two way radio is one of the most powerful models in the Maxon lineup. This is a full-featured radio with 512 channels, display, multiple scan modes, and 2-tone decode. You can configure the TP-8000 for almost any application you need.

The Maxon TP-8000 comes complete with the radio and also the antenna, battery, charger, belt clip, and user manual. You'll never find yourself out of touch with your staff again with the TP-8000 handheld radio.



- 512 Channels - Dynamic Grouping
- 12.5/25 kHz Channel Spacing
- 2600 or 3350 mAh Li-Ion Battery Options
- Remote Stun/Revive
- CTCSS/DCS, VOX
- 2/5 Selcall and DTMF ANI
- 2-Tone Paging Decode
- 10 Character A/N Display with Function Icons
- Voice Inversion Scrambler
- 1 Watt Audio Output
- Priority and Conventional Scanning
- TOT/BCL/BCLO
- User Adjustable Squelch (0-9 Level Settings)
- User Selectable Hi/Lo Power
- 6 Programmable Buttons with 12 Functions
- IP67; MIL-STD-810F Compliant



6+6 Dual Slot Charger  
Radio/Battery & Battery only

IP-67 Approved for Water Immersion and Dust Protection



# TP-5000 SERIES

TP-5116 5/2W VHF (136-174 MHz)

TP-5416 4/2W UHF (400-470 MHz)

## TP-5000 Series

The Maxon TP-5000 Series is a rugged and lightweight radio that delivers clear communications for your needs. This best selling series fits all types of business uses including industrial, public safety, schools, retail stores, property management, and hotels. The TP-5000 is one of the most popular radios in Maxon's lineup of two way radios and is sure to make your business thrive.

- 16 Channels with Optional Voice Annunciation
- 5/2 Watt VHF, 4/2 Watt UHF Power Output
- 12.2/25 kHz Channel Spacing
- CTCSS/DCS, VOX
- 2600 or 3350 mAh Li-Ion Battery Options
- Voice Inversion Scrambler
- Comander Function
- 1 Watt Audio Output
- Priority and Conventional Scanning
- 2-Tone Paging Decode
- TOT/BCL/BCLO
- DTMF ANI
- Remote Stun/Revive
- Power Save Mode
- 2 Programmable Function Buttons



6+6 Dual Slot Charger  
Radio/Battery & Battery only



# MP-4000 SERIES

MP-4416 5/2W UHF (410-470 MHz)

MP-4116 5/2W VHF (136-174 MHz)

MP-4424 5/2W UHF (410-470 MHz)

MP-4124 5/2W VHF (136-174 MHz)



- 5 Watt RF Output Power VHF & UHF
- 16 Channels (Non-Display)
- 1024 Channels, 32 Groups (Display)
- 2 Watt Audio Output
- 12.2/25 kHz Channel Spacing
- CTCSS/DCS
- 2600 or 3350 mAh Li-Ion Battery Options
- DTMF Encode
- TOT/BCLO
- Emergency Call
- Lone Worker
- Priority Scan & Channel (Display)
- Repeater Mode (Display)
- Keypad Lock (Display)
- Flashlight (Display)
- Battery Save Mode (Display)
- Programmable Buttons (Display)
- Whisper Mode (Display)
- IP54 Certified

## MP-4000 Series

The Maxon MP-4000 Series radios are dependable, durable, affordable, and easy to use. Delivers clear, reliable communications for schools, hotels, restaurants, retail stores, custodial staff, property management and other industrial or commercial needs where radio communication is needed but may have budget constraints. Display models have 1024 Channels, Priority Scan, and various settings within settings menu and PC programmer to personalize the radio. Radio programming via PC Program or Wired Cloning.



MP-4116/4416

MP-4124/4424



6 Unit Gang Charger/Dual Slot Radio/Battery & Battery only

10 Unit Gang Charger/Dual Slot - Radio/Battery & Battery only



# TS-3000 SERIES

TS-3116 5/1W VHF (136-174 MHz)  
TS-3416 4/1W UHF (400-470 MHz)

## TS-3000 Series

The Spartan TS-3000 Series are durable, lightweight, and easy to use. Delivers clear, reliable communications for hotels, restaurants, retail stores, shopping centers, property management and other industrial or commercial needs.

Preprogrammed to operate with other Jobsite Business Radios or fully programmable to existing simplex channels, repeater systems or independent FCC licensed frequencies.



- 16 Channels
- Audio Channel Annunciation
- 5/1 VHF, 4/1 Watt UHF Power Output
- 12.5/25 kHz Channel Spacing
- CTCSS/DCS
- 700 mW Audio Output
- Time Out Timer
- Power Save Mode
- 2-Pin Audio Connector
- VOX

6 Unit Charger  
Individual Charger Style



# TJ-3000 SERIES

TJ-3100V 2W VHF (140-174 MHz)

TJ-3400U 2W UHF (440-470 MHz)



## TJ-3000 Series

The Maxon TJ-3000 Series Jobsite Radios are durable, lightweight, and easy to use. These versatile radios are preprogrammed to the most common commercial frequencies to provide efficient operation for uses in Construction, Education, Manufacturing, Hospitality, Property Management, and many other business applications. Includes Voice Comander compatible with Motorola CLS.

### Power Output

Set to 2 Watt output, the max power allowed for many jobsite radio frequencies.

### User Control and Clear Display

LCD backlit display makes for easier viewing.

### Channels & Privacy Codes

27 Selectable VHF frequencies and 89 Selectable UHF frequencies (*Radios are preprogrammed with Jobsite Itinerant frequencies*) – both radios have 157 User selectable tone codes (53 CTCSS and 104 DCS)

### Programmable

Fully programmable to existing simplex channels, repeater systems, or independent FCC license frequencies.

### Robust Audio

1 Watt speaker output. Motorola-style 2-Pin Audio Connector & Audio Comander feature compatible w/ Motorola CLS

### Rechargeable Li-Ion Battery

Equipped with long life 1800 mAh battery and Rapid Rate Smart Charger.

### Durable Construction

Manufactured with tough poly-carbonate cabinet.

### Weather Channels

Includes the NOAA Weather Channels for instant weather monitoring.

- 2 Watt Power Output
- Voice Comander compatible w/Motorola CLS
- Call Alert
- Roger Beep
- Voice Inversion Scrambler
- Power Save Mode
- VOX
- Scan
- DTMF



### 6 Unit Charger



# MDM-4000 SERIES

MDM-4124 50W VHF (136-174 MHz)  
MDM-4424 45W UHF (406-470 MHz)

The MDM-4000 Series radios are full featured, high-performance DMR Tier 2 Digital Mobile radios at an economical price. With all the power, channels, and contacts you will ever need at your fingertips and a clear OLED display for great visibility in day or night environments. Built-in 256-bit AES Encryption standard for secure transmissions, preventing unwanted interference or eavesdropping. Single Frequency Repeater (SFR) option allows you to extend the coverage range of your other radios in your fleet, even on the go.

**DMR**  
DIGITAL MOBILE RADIO ASSOCIATION



- 50 Watt VHF/45 Watt UHF Power Output
- Dual Modes (DMR Tier II TDMA/Analog)
- 2048 Ch, 64 Zones; 1024 Ch per Zone
- 240 Contacts
- Bright OLED Display
- Programmable 12.5/25 kHz per Channel
- 2.5/6.25/12.5 kHz PLL Channel Stepping (Analog)
- Compatible w/MOTOTRBO radios
- Lone Worker
- CTCSS/DCS
- Text Messaging
- Voice Record
- Stun/Revive
- Time Out Timer (TOT)
- AES Encryption (AES-CTR 256-bit)
- Base Station Option Available
- Motorola/DMRA AES Encryption (Optional)
- Single Frequency Repeater (Optional)



# TM-8000C SERIES

TM-8102C 50W VHF (138-174 MHz)  
TM-8402C 40W UHF (400-470 MHz)

The TM-8000C Series mobiles provide affordability and durability for your in-vehicle or dispatch applications. With crisp, continuous, and high quality communications, you can have real time contact with drivers to ensure that your business is running efficiently. In addition, Maxon's mobile radios provide a wide range of voice and data features and the ability to create a portable repeater (and even crossband UHF/VHF) when you connect two repeaters with the TM-8000C repeater cable (XRC-31). Base station cabinet & installation services are also available for the TM-8000C series mobile.

- 512 Channels, Up to 32 Groups (Dynamic)
- Alpha Numeric Display (10 Characters)
- 12.5/15/25 kHz Channel Spacing
- User Selectable Squelch Control
- CTCSS/DCS
- DTMF Encode/Decode, DTMF ANI
- 2-Tone Decode
- Normal and Priority Scan Options
- User Adjustable Power, 40W (UHF) 50W (VHF)
- Remote Stun and Revive
- Four Programmable Function Buttons
- DE-15 Data Connector
- PA Function, External Speaker Jack
- POCSAG (option)
- Lone Worker (Safety Feature)



# UDM SERIES

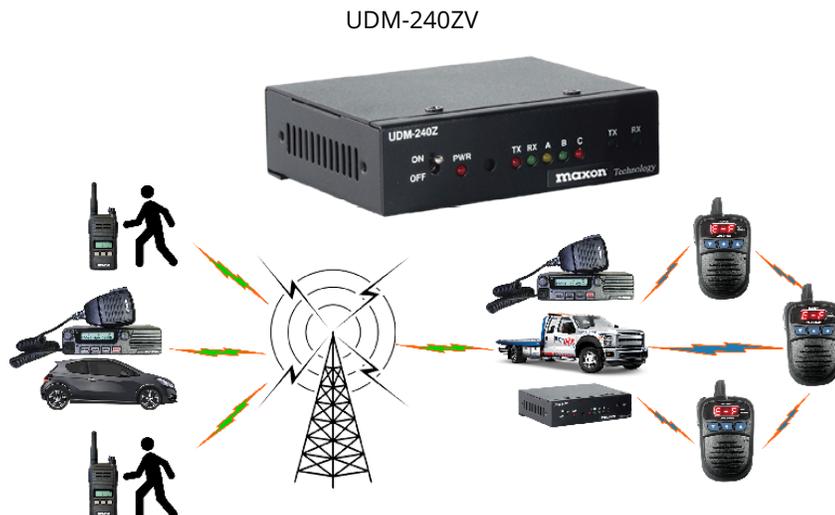
UDM-240ZV – Vehicular or Base Repeater  
UDM-240ZH – Handheld Speaker Mic/Intercom

## WIRELESS MIC SYSTEM

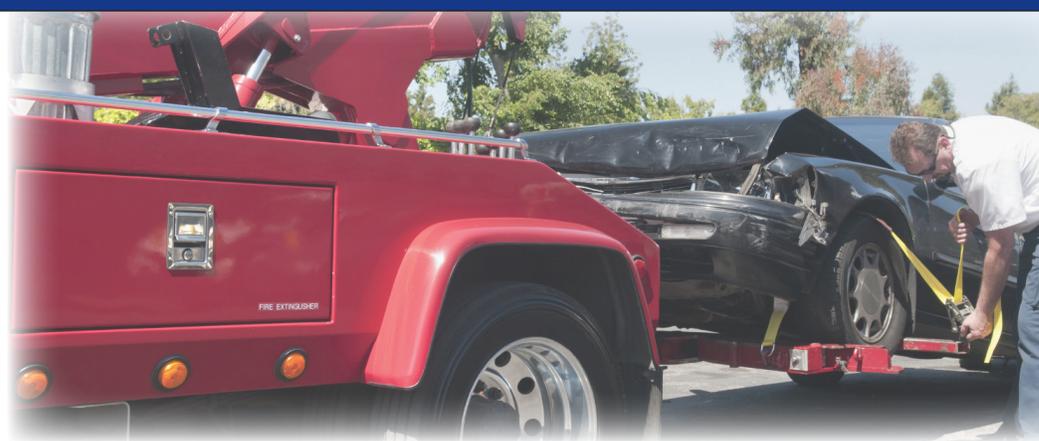
The Maxon UDM Series provides both direct and repeater mode (mobile radio) communications. Ideal for dispatch centers, tour groups, tow trucks, outside vehicle communication, and anywhere else you need to stay connected wireless and LICENSE FREE.

### 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



## 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 and Volume Status
- Earphone Jack 3.5mm
- Group/Individual ID Mode Selectable
- IP67 Certified



UDM-240ZH



# ER-9000 SERIES

## DIGITAL/ANALOG REPEATERS

ER-9000 VHF 50W VHF (136-174 MHz)  
ER-9000 U1 45W UHF (400-470 MHz)

The **ER-9000 Series DMR Repeater** provides high-performance, unmatched durability, and a lightweight, space efficient ergonomic design that will meet all your communication needs. Competitively priced and fully compatible with other Tier 2 DMR radios, its auto-sensing Mixed Mode will work easily with both Digital and Analog radios in your fleet. Compact size (1RU). Connect up to 64 repeaters together via the internet (IP Site Connect). Remote programming and diagnostic monitoring with RDAC software.

**DMR**  
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- 45W UHF/50W VHF; 128 Channels
- DMR Tier II TDMA Technology
- DMR/Analog/Mixed Mode (Auto-Sensing)
- 100% Continuous Duty Cycle
- Integrated Power Supply – with Battery Backup Connection
- Multi-Site IP Connectivity (64 ER-9000)
- Remote Programming and SW Upgrades
- Multiple Accessory Connectors (DB9, DB15, DB26)
- BNC “Female” Connector (RX) / “Female” N Connector (TX)
- 19” Wide, 1U Rack Mount
- 1.8” Color LCD
- Community Repeater



Back View



TA-DUPU Duplexer

# MDS Series

Digital / Analog Wireless Radio  
Loudspeakers

MDS-2400 (20W) Wall Plug  
MDS-2100 (20W) Wall Plug **COMING SOON!**  
MDS-1400 (10W) Wall Plug  
MDS-3400 (10W) Ceiling Mount

Use wherever loudspeakers are needed:  
Schools, Factories, Terminals, Shopping Centers, Large Stores,  
Parking Lots, Golf courses, Amusement facilities, Warehouse &  
Distribution Centers, and Public Address Alerting



**DMR**  
DIGITAL MOBILE RADIO ASSOCIATION

**NO HARD-WIRE  
INSTALLATION NEEDED!**

**INCLUDES POWER SUPPLY AND  
BACK-UP BATTERY!**

MDS-2400/2100  
(20W)

MDS-1400  
(10W)

MDS-3400  
(10W)



- Receive-Only Radio Wireless Loudspeaker System
- MDS-3400/2400/1400 works with any DMR Tier II Digital or Analog radio in UHF (400-470 MHz). MDS-2100 works with VHF (136-174 MHz) band radios
- Single Channel (Store up to 32 additional Channels; Selectable via CPS SW)
- Channel Scanning (DMR/Analog/Mixed Mode)
- Programmable DMR / Analog / Mixed Mode per Channel
- Unlimited # of Speakers & Portable Radios can be used
- Private Call, All Call, or create Groups to use only specific loudspeakers
- CTCSS/DCS can be used in Analog mode to access specific loudspeakers
- Broadcast Alerts via your portable radio for Emergencies
- Programmable via Bluetooth PC Dongle (USB)
- Each speaker comes with basic mounting brackets for wall or ceiling installation
- Portable w/wall plug or ceiling mount version (AC 110V)
- Includes Power Supply & Back Up Battery (5-Hr Broadcasting, 9-Hr Standby) for Power Disruptions & Portability



Control Volume  
w/ MDP-6424 &  
MDP-7424

# SD-670D SERIES

DMR – RF Data Modem

SD-671D V2 10/5/1W VHF (150-174 MHz)  
SD-674D U2 5/1W UHF (410-470 MHz)

The Maxon SD-670D Series of Radio Frequency Data Modems are rugged, reliable, and designed for a variety of RF applications in either Digital or Analog Mode. The SD-670D AMBE+2 voice codec provides excellent audio quality and with AES 256-bit Encryption for both voice and data communications, your modem will have NSA-Level security. Encryption feature is compatible with other Maxon LMR radios that have AES Encryption.

Its die-cast aluminum housing shields the radio from RF interference and provides exceptional durability in the most extreme environments.

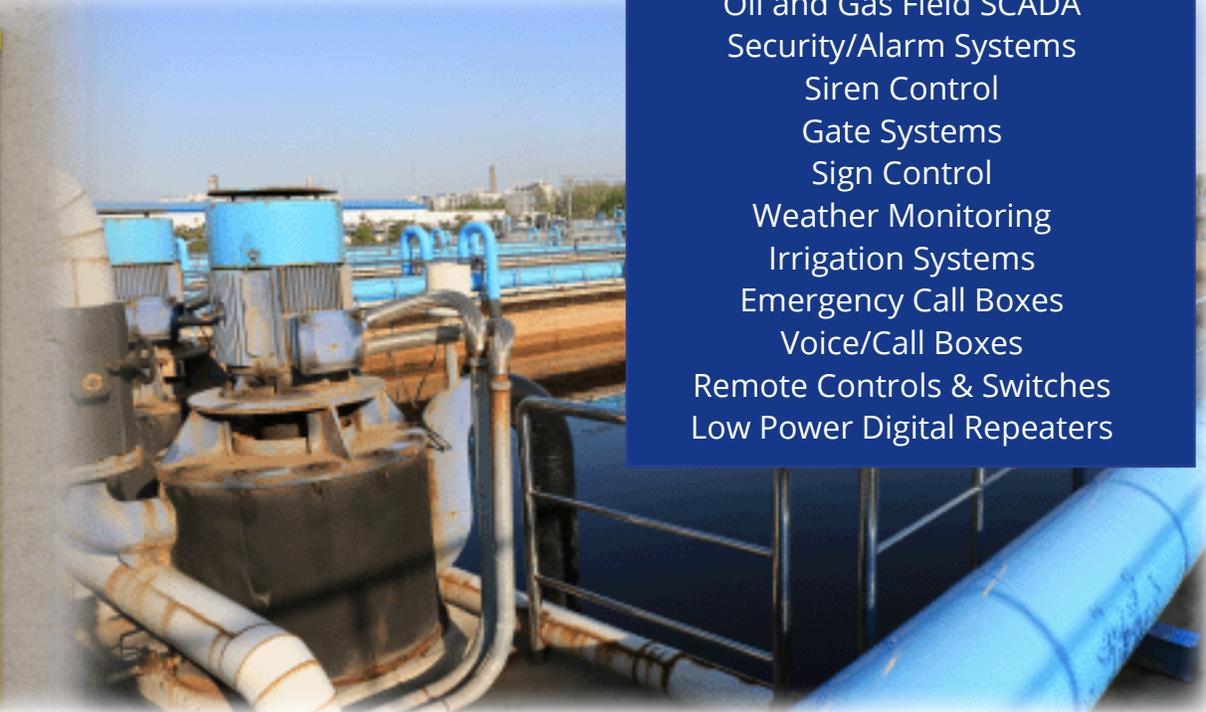
Single Frequency Repeater (SFR) option allows for one SD-670D device to be used as a low power repeater to extend the range of your DMR radio fleet.



- Power Output Programmable Per Channel:
- 10/5/1W for VHF, 5/1W for UHF
- Analog/DMR Tier II TDMA
- 32 Channels (DIP Switch)
- 9V to 24V DC Operation
- LED Status Indicator
- RF Communication Data Speed 9600 bps (OTA)
- Digital Voice uses AMBE+2 Voice Codec
- DE-15 Pin Female Connector, TTL Serial
- Built-In AT Commands
- AES 256-bit Encryption (AES-CTR)
- Single Frequency Repeater SFR (Option)

## Applications

Water/Waste Treatment Plants  
Oil and Gas Field SCADA  
Security/Alarm Systems  
Siren Control  
Gate Systems  
Sign Control  
Weather Monitoring  
Irrigation Systems  
Emergency Call Boxes  
Voice/Call Boxes  
Remote Controls & Switches  
Low Power Digital Repeaters



# SD-125EL | SD-125EL V2 VHF (148-174 MHz) SD-125EL U1 UHF (400-430 MHz) SD-125EL U2 UHF (440-470 MHz)

- 5/1 Watt
- LED Status Indicator
- 16 Channels (DIP Switch)
- Carrier Detect
- TX Time Out Timer
- Busy Channel Lockout
- DE-9 Pin Male Connector
- 12.5/25 kHz Channel Spacing
- BNC Female Antenna Connector
- POCSAG Protocol Optional



# SD-170EX | SD-171EX VHF (146-174 MHz) SD-174EX UHF (450-490 MHz)

- 5/1 Watt
- LED Status Indicator
- 16 Channels (DIP Switch)
- CTCSS/DCS
- TX Time Out Timer
- Carrier Detect
- 2-Tone Decode
- Busy Channel Lockout
- DE-9 Pin Male Connector
- 12.5/25 kHz Channel Spacing
- POCSAG Protocol Optional
- Squelch – Software Aligned



# SD-170EL | SD-171EL VHF (146-174 MHz) SD-174EL UHF (450-490 MHz)

- 5/1 Watt
- LED Status Indicator
- 16 Channels (DIP Switch)
- CTCSS/DCS
- 2-Tone Decode
- TX Time Out Timer
- Carrier Detect
- DE-15 Pin Female Connector
- 12.5/25 kHz Channel Spacing
- Modem Options\*(GMSK/FFSK)
- Busy Channel Lockout



\*ACC-513E GMSK 9600 Baud  
ACC-514E FFSK 4800 Baud



# SD-270 | SD-271 V2 VHF (136-174 MHz) SD-274 U1 UHF (400-440 MHz)\* SD-274 U2 UHF (430-470 MHz)\* SD-274 U3 UHF (450-490 MHz)

- 5/1 Watt
- LED Status Indicator
- 16 Channels (DIP Switch)
- Modem Options\*(GMSK/4FSK)
- Supports 19200 bps Data Rate
- CTCSS/DCS
- DE-15 Pin Female Connector
- 12.5/25 kHz Channel Spacing
- Variable Speaker Output
- 6 Programmable Squelch Levels
- External Software Channel Steering



\*ACC-213 GMSK 9600 Baud  
ACC-214 4FSK 19200 Baud



\*\*U1 & U2 models not FCC approved



Optional Heat Sink Available for increased Duty Cycle



# ACCESSORIES | Maxon Accessories for Two Way Radios

## AUDIO ACCESSORIES

Model		TS-3000	TJ-3400	MP-4000	TP-5000	TP-8000	TSD-4000	MDP-5000	MDP-6000	MDP-7000	TPD-8000	MBR-400	UDM
TA-836X	Spk Mic	●	●	●	●	●	●	●	●				
TA-850X	Spk Mic	●	●	●	●	●	●	●	●				
TA-855X	Spk Mic	●	●	●	●	●	●	●	●				
TA-817X	Earpiece	●	●	●	●	●	●	●	●				
TA-818X	Earpiece	●	●	●	●	●	●	●	●				
TA-819X	Earpiece	●	●	●	●	●	●	●	●				
TA-820X	Headset	●	●	●	●	●	●	●	●				
TA-890X	Headset	●	●	●	●	●	●	●	●				
TA-EMI**	RX Only												●
TA-EH6**	RX Only												●
TA-ET4**	RX Only												●
TA-ET4E**	RX Only												●
MA-819X	Earpiece											●	
MA-814X	Earpiece											●	
MA-850X	Spk Mic									●			
MA-818X	Earpiece									●			
TAD-836X	Spk Mic										●		
TAD-850X	Spk Mic										●		
TAD-817X	Earpiece										●		
TAD-818X	Earpiece										●		
TAD-819X	Earpiece										●		

\*\*RX Only Earpieces will also work with all Speaker Mics

## SPEAKER MICROPHONES

Maxon Speaker Microphones are the perfect tools to accompany your Maxon two-way radio. Adding this accessory will allow for easier access while continuing to provide high quality audio performance for your radio.



**TA-836X**  
Standard Speaker Mic



**TA-850X & MA-850X**  
Heavy Duty Speaker Mic



**TA-855X**  
Heavy Duty Speaker Mic  
With Hi/Lo Vol Control

# EARPIECE SPEAKERS

Maxon Earpiece Speakers provide high quality audio in different styles each suited to your needs. Whichever fit you prefer, all were designed with comfort, durability, and sound quality in mind.



**TA-817X**  
"D" Style



**TA-818X**  
**TAD-818X**  
**MA-818X**  
**MA-814X**  
Discreet Style



**TA-819X**  
"C" Style



# Mobile Audio Accessories



ACC-802M

## TM-8000 & MDM-4000 Series

ACC-800	Heavy Duty Mobile Mic
ACC-800DT	Heavy Duty DTMF Mic *TM-8000 Only
ACC-802M	Base Station Desktop Mic
ACC-SB1	External Speaker



ACC-SB1

# BATTERIES

Model	Power	TS-3000	TJ-3400	MP-4000	TP-5000	TP-8000	TSD-4000	MDP-5000	MDP-6000	MDP-7000	TPD-8000
TSA-3150	1500 mAh	●									
TJA-1800LI	1800 mAh		●								
TA-2600LI	2600 mAh				●	●		●			
TSA-4260	2600 mAh			●			●				
MA-6260	2600 mAh								●		
MA-7260	2600 mAh									●	
TAD-8200	2200 mAh										●
TSA-4350	3350 mAh			●			●				
MA-6350	3350 mAh								●		
MA-7350	3350 mAh									●	
TA-3350LI	3350 mAh				●	●		●			

# ACCESSORIES CONTINUED

## CARRYING

Model		TS-3000	TJ-3400	MP-4000	TP-5000	TP-8000	TSD-4000	MDP-5000	MDP-6000	MDP-7000	TPD-8000	MBR-400
TA-50LC	Leather	●		▲	●		▲	▲				
TA-50NC	Nylon	●		▲	●		▲	▲				
TSA-30BC	Belt Clip	●										
TSA-40BC	Belt Clip			●			●					
TJA-30NC	Nylon		●									
TJA-30BC	Belt Clip		●									
TA-80BC	Belt Clip				●	●		●				
TA-80LC	Leather			●		●	■					
TA-80NC	Nylon			■		●	■					
MA-60LC	Leather							■	●			
MA-60NC	Nylon							■	●	■		
MA-60BC	Belt Clip								●			
MA-70LC	Leather									■		
MA-70NC	Nylon									■		
MA-70BC	Belt Clip		●	●			●		●	●		
MA-40BC	Belt Clip											●
TAD-80BC	Belt Clip										●	
TAD-85BC	Swivel Clip										●	

**Legend:** ● — Display & Non-Display Models    ■ — Display Models    ▲ — Non-Display Models



**MA-70BC**  
Belt Clip



**MA-60NC**  
Nylon Carrying Case



**MA-70LC**  
Leather Carrying Case  
(Full Keypad)

# CHARGERS



**MA-400L**  
Rapid Desktop Charger  
w/ USB-C Cord



**TSA-6006TS4**  
6 Unit Dual Slot Gang Charger  
- Radio/Battery & Battery Only

**MA-0620**  
10 Cup Dual Slot Gang Charger  
- Radio/Battery & Battery



# CHARGERS

Model	TS-3000	TJ-3400	MP-4000	TP-5000	TP-8000	TSD-4000	MDP-5000	MDP-6000	MDP-7000	TPD-8000	MBR-400
MA-400L											●
TSA-0300	●										
TSA-0400			●			●					
TJA-300L		●									
TA-800LA				●	●		▲				
MA-500LA							■				
MA-0600								●			
MA-0700									●		
TAD-808L										●	
<b>Gang Chargers</b>											
MA-406L											●
TSA-6110TS3	●										
TSA-6006TS4			●			●					
TJA-6110S		●									
ACC-6006TP				●	●		▲				
MA-0712									●		
MA-0620								●			
<b>Vehicular Chargers</b>											
ACC-600 (Models Vary)		●		●	●		●				

**Legend:** ● — Display & Non-Display Models    ■ — Display Models    ▲ - Non-Display Models



# *Chatter* **Box!**™

**THE ORIGINAL COMMUNICATOR**

**HELMET  
COMMUNICATORS**



# X2 SLIM-p

## LONG DISTANCE HELMET COMMUNICATOR



**Industry Leader in RANGE (up to 5 miles)**

Unlimited # of Riders connect via GMR5/FRS Radio (No Phone Needed)

Communicate with any GMR5/FRS band campsite "Walkie Talkie"

NO PAIRING needed to communicate with other X2 Slim-p Riders

Bluetooth for Solo Rider (Phone, GPS, Music)

Wireless PTT Button, VOX

FM Radio

Usable during Charging

**In Box (for all devices):** Charger cable, Push to Talk Button, Speakers, Headset w/ both Full Face & Open-Face Boom Mic Option, Cradle Mount Kit

**Chatter Box!**™

# Helmet Communicators



## BIT-3



- Bluetooth (V4.1) Communicator for 2 Riders
- Up to 400m range b/w riders
- Universal Intercom w/ other BT brands
- Pairs independently to 2 Smartphones (passenger)
- GPS, Music simultaneous use
- VOX
- FM Radio
- Talk time 11 Hours
- Standby time 11 Days
- Automatic power saving
- Usable during charging
- Easy cradle install
- Water Resistant (IP-54)



## BIT-2



- Bluetooth Headset (V4.1) for Helmets
- Connects to your smartphone for Calls, Music, and GPS
- GPS, Music simultaneous use
- Talk time 11 Hours
- Standby time 11 Days
- Automatic power saving
- Usable during charging
- Easy cradle install
- Water Resistant (IP-54)

### In Box (for all devices):

Charger cable, Speakers, Headset w/ both Full Face & Open-Face Boom Mic Option, Cradle Mount Kit (screws included)



## X2 SLIM-P ACCESSORIES

PART #	DESCRIPTION
CBX2SLIMUHS-P	X2 SLIM-p Speakers, Full Face Mic, Open Face Mic
CBX2SLIMFFM-P	X2 SLIM-p Full Face Mic
CBX2SLIMOFM-P	X2 SLIM-p Open Face Mic
CBX2SLIMSPKR-P	X2 SLIM-p Helmet Speakers
CBX2SLIMPTTB-P	X2 SLIM-p Wireless Push To Talk Button
CBX2SLIMCMB-P	X2 SLIM-p Helmet Mounting Bracket with Cradle
CBX2SLIMCHRG-P	X2 SLIM-p USB Data Cable and AC Adapter
CBX2SLIMPTTB-C	X2 SLIM-p USB-C Charging Cord for Wireless PTT

## BIT 2/3 ACCESSORIES

PART #	DESCRIPTION
CBXBiUDC	BiT 2/3 USB Data Cable
CBXBITSVS	BiT 2/3 Sponge and Velcro Sets
CBXBiTCMB	BiT 2/3 Cradle Mounting Bracket with Screws and Allen
CBXBiTDPN	BiT 2/3 Headphone
CBXBiTFFM	BiT 2/3 Full Face Mic
CBXBiTOFM	BiT 2/3 Open Face Mic
CBXBiTOFMKIT	BiT 2/3 Accessory KIT with Open Face Mic
CBXBiTFFMKIT	BiT 2/3 Accessory KIT with Full Face Mic
CBXBiTMS2	BiT 2/3 MIC Sponges 2pcs



**Chatter** **Box!**™

by **maxon**



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- LIVE SALES STAFF AVAILABLE IMMEDIATELY BY PHONE OR EMAIL TO ANSWER YOUR QUESTIONS OR PROVIDE PRICE QUOTES
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