



MOTOROLA SOLUTIONS

Business Two-Way Radios



Radios & Accessories Catalog

Which Motorola Business Two-Way Radio is Right for You?

	RM	RDX	CLP	CLS	DTR	DLR
Frequencies	UHF/VHF/MURS	UHF/VHF/MURS	UHF	UHF	900 MHz Digital Spread Spectrum	900 MHz Digital Spread Spectrum
Channels	UHF up to 8 VHF up to 8 MURS up to 5	UHF up to 16 VHF up to 10	Up to 6	Up to 4	30 Channels Up to 300 Talk Groups/Contact	Up to 6
Range	Up to 20 floors	Up to 30 floors	Up to 15 floors	Up to 15 floors	Up to 30 floors	Up to 20 floors
Power	2 Watts	UHF 4 Watts VHF 5 Watts	1 Watt	1 Watt	1 Digital Watt	1 Digital Watt
Battery Life	Up to 15 Hours	Up to 24 Hours	12-18 Hours	12-14 Hours	16 Hours	14 Hours
Weight	8.6 ounces	8.6 to 10.3 ounces	2.38 to 3 ounces	4.5 ounces	7.1 ounces	4.2 ounces
Repeater Compatible	Yes	Yes	Yes	No	No	No
Custom Programming	Yes	Yes	Yes	No	Yes	Yes
One to One Communication	No	No	No	No	Yes	Yes
Compatible with Other Business Radios	Yes	Yes	Yes	Yes	DTR and DLR only	DTR and DLR only
FCC License Required	Yes, MURS model excluded	Yes	Yes	Yes	No	No

How can radios help my business?



RETAIL

Apparel, Pharmacy, Gas Stations, Car Dealers

- Improve customer service
- Increase sales & reduce shrink
- Quickly get stock & price checks
- Accelerate training of new hires



INDUSTRIAL

Manufacturing, Warehouse

- Improve assembly line operations
- Quickly request help, supplies, maintenance, quality control
- Expedite requests & rush orders
- Instantly react to injuries or emergencies



PROPERTY MANAGEMENT

Hotels, Resorts, Golf Courses, Apartments, Office Buildings

- Improve response time to guest needs
- Increase security for guests, staff
- Coordinate events, banquets, meetings
- Respond quickly to emergencies



SCHOOLS

K-8, High, College

- Instantly talk to teachers & staff
- Increase safety & security for students, teachers, staff
- Coordinate events, athletics, field trips



CONTRACTORS

Construction, Electrical, Mechanical

- Supervise subs, crews, operators
- Manage deliveries & materials
- Increase safety & security for workers
- Critical for disaster preparedness



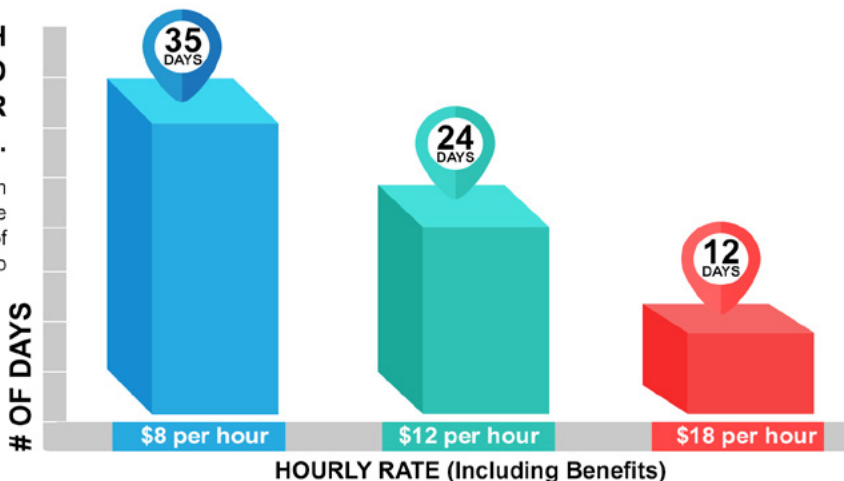
FOOD SERVICE

Restaurant, Banquet, Cafeteria

- Improve table turns, increase revenue
- Reduce customer wait time
- Notify wait staff when orders are ready
- Coordinate runners & replenishment

EACH RADIO PAYS FOR ITSELF...

*Based on average MSRP of \$189 per radio



RETURN ON INVESTMENT

If each employee saves 5 minutes per hour, watch your savings multiply...

Comparing Digital & Analog Two-Way Radios

Digital two way radios offer several advantages over their Analog counterpart. To see how the two compare, please view our chart below:



ANALOG **DIGITAL**

- No Monthly Fees
- Custom Programmable
- One-to-Many Calls
- One-to-One Calls
- Text Messaging
- Longer Battery Life
- Better Range
- Better Privacy
- Better Noise Cancellation
- Less Interference

✓	✓
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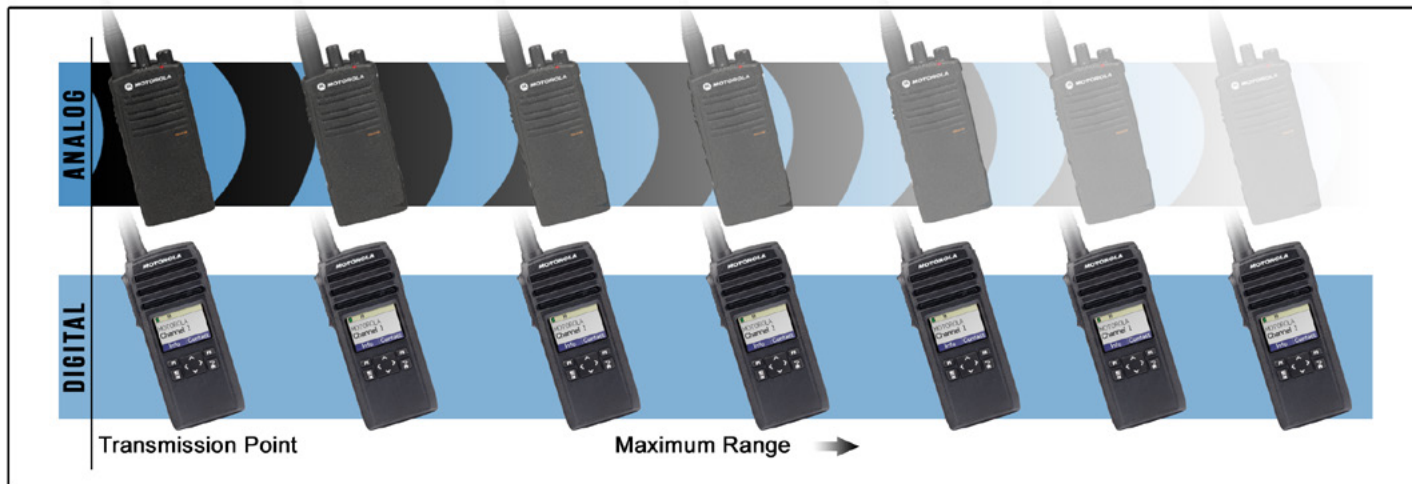
Increased Range – Digital radios provide crystal clear communication until your signal drops which eliminates static. Digital offers better resistance to interference from other signals, and eliminates the imperfections that are typical of analog, resulting in an increase in overall range.

Longer Battery Life – Digital technology allows for some radios to last around 40 percent longer on a single charge than a comparable analog radio.

Better Functionality – Digital two-way radios allow for users to take advantage of functionalities similar to those seen in cell phones, such as private call functionality and text messaging.

Increased Privacy – Digital two-way radios have enhanced privacy settings, making them easier to secure than analog without a loss in overall quality of voice.

Noise Cancellation – Digital radios have a noise cancellation feature that will eliminate background noises. This will result in a much clearer and louder transmission, which is great for noisy environments such as construction, manufacturing, and event centers.



ANALOG VS. DIGITAL

DLR Series

Light Duty
Business Use



DLR1020

DLR1060

Model #	DLR1020	DLR1060
Transmit Power (Watt)	1 Watt	1 Watt
# of Channels	2	6
Weight	4.2 oz	4.2 oz
Range Indoors	20 floors	20 floors
Range in Warehouse	300,000 sq.ft.	300,000 sq.ft.
MSRP Price	\$239	\$259

Standard Features

- 900 MHz digital ISM band Frequency Hopping Spread Spectrum (FHSS) technology
- License free communication
- Meets MIL-SPEC 810 specifications for demanding environments
- Private Reply
- Instant Mute feature
- Page All Available and Call All Available feature
- 14 hour battery life

Included In Purchase Price:

- 1800 mAh Li Ion rechargeable battery
- 3.5 hour drop-in charging tray w/wall adapter
- Swivel belt holster with spring clip
- User's Guide & Reference Card
- Warranty card



DTR600

DTR Series

Heavy Duty
Business Use



Model #	DTR600
Transmit Power (Watt)	1 Watt
# of Contacts/Groups	300
Weight	7.8 oz
Range indoors	30 floors
Range in Warehouse	350,000 sq. ft.
MSRP Price	\$369

Standard Features

- 900 MHz ISM license-free band
- Meets MIL-SPEC 810 & IP54 specifications for demanding environments
- Antimicrobial housing
- Full color display with navigational menu buttons
- Private reply, call all/page all available with programmable button
- Power safe mode
- Preset text messages for quick and easy response
- Contact scroll list (private/group)
- Up to 16 hours of battery life
- **2 year warranty**

Included In Purchase Price:

- 2500T Li Ion rechargeable battery
- Drop-in radio charging tray w/ wall adaptor
- Swivel belt clip holster
- User's guide
- Warranty card

CLS Series

Light Duty
Business Use



Model #	CLS1110	CLS1410
Transmit Power (Watt)	1 Watt	1 Watt
# of Channels	1	4
Weight	4.5 oz	4.5 oz
Range Indoors	15 floors	15 floors
Range in Warehouse	200,000 sq.ft.	200,000 sq.ft.
MSRP Price	\$189	\$209

Standard Features

- 56 Selectable UHF frequencies
- 38 Analog and 83 digital interference eliminator codes
- 3 Audible call tones and Vibracall silent vibrating alert (CLS1410 Only)
- Meets MIL-SPEC 810 & IP55 specifications for demanding environments
- Scan (CLS1410 Only)
- Voice-activated control (CLS1410 Only)
- Cloning with multi-unit charger
- Up to 10 hours battery life
- Antimicrobial Housing

Included In Purchase Price:

- 1100 mAh Li Ion Rechargeable Battery
- 3 Hr. drop-in charging tray w/wall adaptor
- Accessory brochure
- Swivel belt holster with 2.5" spring clip
- User's Guide
- Warranty card



CLS1110

CLS1410

CLP Series

Light Duty
Business Use



Model #	CLP1010	CLP1040	CLP1060
Transmit Power (Watt)	1 Watt	1 Watt	1 Watt
# of Channels	1	4	6
Weight	2.4 oz	2.4 oz	2.4 oz
Range Indoors	15 floors	15 floors	15 floors
Range in Warehouse	200,000 sq.ft.	200,000 sq.ft.	200,000 sq.ft.
MSRP Price	\$219	\$249	\$399

Standard Features

- The most compact and lightweight radio on the market
- Simple, sleek and contemporary design
- Operates on 99 UHF exclusive business frequencies
- Menu button with voice driven menu
- Meets MIL-SPEC 810 & IP55 specifications for demanding environments
- Scan (CLP1040 & CLP1060 Only)
- Smart status glow to indicate active channel, radio transmit & receive, scan and battery status
- Bluetooth technology (CLP1060 only)
- 12-18 Hours of battery life

Included In Purchase Price:

- A Bluetooth rechargeable earpiece with PTT. (CLP1060 only)
- 1130 mAh Li Ion rechargeable battery
- Adjustable earpiece w/inline PTT (CLP1010 & CLP1040 only)
- 2.5 Hr. drop-in charging tray w/wall adaptor
- Swivel belt holster with 2.5" spring clip
- User's Guide
- Warranty card



CLP1010

CLP1040



CLP1060

RMU Series

Heavy Duty
Business Use



RMU2040

RMU2080

RMU2080d

Model #	RMU2040	RMU2080	RMU2080d
Transmit Power (Watt)	2 Watt	2 Watt	2 Watt
# of Channels	4	8	8
Weight	8.6 oz	8.6 oz	8.6 oz
Range Indoors	20 floors	20 floors	20 floors
Range in Warehouse	250,000 sq.ft.	250,000 sq.ft.	250,000 sq.ft.
MSRP Price	\$245	\$290	\$310

Standard Features

- 99 Selectable UHF frequencies
- 219 digital interference eliminator codes
- Meet MIL-SPEC 810 & IP55 specifications for demanding environments
- Channel scan with selectable scan list
- 4 Programmable buttons (display versions only)
- Voice inversion
- IVOX and VOX Voice-activated control
- Tri-color LED with transmit, receive & low battery indication
- Channel announcement with voice alias
- NOAA weather alerts (RMU2080/RMU2080d only)

Included In Purchase Price:

- 2100 mAh Li Ion rechargeable battery
- 8 Hr. drop-in charging tray w/wall adaptor
- Swivel Belt Holster with 3.5" Spring Clip
- User's Guide
- Warranty card

RDU Series

Heavy Duty
Business Use



Model #	RDU4100	RDU4160d
Transmit Power (Watt)	4 Watt	4 Watt
# of Channels	10	16
Weight	10.3 oz	10.3 oz
Range Indoors	30 floors	30 floors
Range in Warehouse	350,000 sq.ft.	350,000 sq.ft.
MSRP Price	\$360	\$380

Standard Features

- 99 Selectable UHF frequencies
- 38 Analog and 84 digital interference eliminator codes
- Meet MIL-SPEC 810 & IP55 specifications for demanding environments
- Channel scan with selectable scan list
- 5 Programmable buttons (display versions only)
- Voice inversion
- Voice-activated control
- Tri-color LED with transmit, receive & low battery indication
- Channel announcement w/ voiceprompts
- NOAA Weather Radio

Included In Purchase Price:

- 1100 or 2400 mAh Li Ion rechargeable battery
- 12 Hr. drop-in charging tray w/wall adaptor
- 3" Spring Belt Clip
- User's Guide
- Warranty card



RDU4100

RDU4160d

RMM & RMV Series

Heavy Duty
Business Use



Model #	RMM2050	RMV2080
Transmit Power (Watt)	2 Watt	2 Watt
# of Channels	5	8
Weight	8.6 oz	8.6 oz
Range Indoors	13 floors	13 floors
Range in Warehouse	220,000 sq.ft.	220,000 sq.ft.
MSRP Price	\$225	\$245

Standard Features

- MURS 5 selectable license free frequencies (RMM2050 only)
- 27 Selectable VHF frequencies (RMV2080 only)
- 219 interference eliminator codes
- Meets MIL-SPEC 810 & IP55 specifications for demanding environments
- Channel scan with selectable scan list
- 2 Programmable buttons
- Voice inversion
- IVOX and VOX Voice-activated control
- Tri-color LED with transmit, receive & low battery indication
- Channel announcement with voice alias
- NOAA weather alert (RMV2080 only)

Included In Purchase Price:

- 2100 mAh Li Ion rechargeable battery
- 8 Hr. drop-in charging tray w/wall adaptor
- Swivel Belt Holster with 3.5 Spring Clip
- User's Guide
- Warranty card



RMM2050



RMV2080

RDV Series

Heavy Duty
Business Use



Model #	RDV5100
Transmit Power (Watt)	5 Watt
# of Channels	10
Weight	10.3 oz
Range Indoors	18 floors
Range in Warehouse	300,000 sq.ft.
MSRP Price	\$325

Standard Features

- 27 Selectable VHF frequencies
- 38 Analog and 84 digital interference eliminator codes
- Meets MIL-SPEC 810 & IP55 specifications for demanding environments
- Channel scan with selectable scan list
- Voice inversion
- Voice-activated control
- Tri-color LED with transmit, receive & low battery indication
- Channel announcement w/ voice prompts
- 2 Programmable buttons
- NOAA Weather Radio

Included In Purchase Price:

- 1100 or 2400 mAh Li Ion rechargeable battery
- 3" Spring Belt Clip
- 12 Hr. drop-in charging tray w/wall adaptor
- User's Guide
- Warranty card



RDV5100

EARPIECES

Most Popular



**Swivel Ear Piece
w/Inline Push To Talk**
RLN6423/HKLN4604
\$40.00

**Over the Ear
w/Inline Push To Talk**
56517/HKLN4599
\$35.00

**Remote Speaker Mic
w/Push To Talk**
HMN9026/HKLN4606
\$63.00



**Ear Loop
w/Inline Push
To Talk**
P4500M
\$30.00



**Earbud w/Lapel
Mic w/Inline Push
To Talk**
53866
\$61.00



Ear Inserts
S9500
\$11.00



**Lightweight Temple Transducer
w/Inline Push To Talk**
RMN5114
\$79.00



**Surveillance Style In the Ear
w/Inline Push To Talk**
HKLN4477/HKLN4601
\$70.00

CLP SERIES Earpieces



**Surveillance Style In the
Ear w/Inline Push To Talk**
HKLN4487
\$70.00



**Swivel Earpiece
w/Inline Push To Talk**
HKLN4455
\$35.00



Short Cord Earpiece
HKLN4437
\$35.00



**Bluetooth Swivel
Earpiece with
inline mic**
HKLN4513
(HKLN4512 sold
separately)
\$24.00

**Bluetooth
Pod**
HKLN4512
(HKLN4513 sold
separately)
\$90.00

CLP Earpiece Chargers



Single Unit Bluetooth Pod Charger
HKLN4509
\$15.00



**CLP Multi-unit Pod Charger
conversion kit**
HKLN4508
\$50.00

DLR Series



**DLR Single Unit
Charger Kit**
PMLN7140
\$45.00



**DLR 12 Pocket Multi-Unit
Charger**
PMLN7136
\$410.00

DTR Series



**DTR Single Unit
Charger Kit**
PMPN4468
\$44.00



**DTR Multi-Unit
Charger**
PMPN4465
\$330.00

CLS Series



**CLS Drop-In Charger
Kit**
56553
\$65.00



**CLS Multi-Unit
Charger**
56531
\$200.00

CLP Series



**CLP Single Unit
Charger Kit**
HKPN4008
\$60.00



**CLP Multi-Unit
Charger**
HKPN4007
\$225.00

RM Series



**RM Single Unit
Charger Kit**
PMLN6394
\$35.00



RM Multi-unit Charger Kit
PMLN6384
\$299.00

RDX Series



**RDX Charging
Tray Only**
RLN6175
\$28.00



**RDX Charger
Adapter**
RPN4054
\$22.00



RDX 2Hr. Rapid Charger Kit
RLN6304
\$65.00



**RDX Multi-Unit
Charger**
RLN6309
\$275.00



CLP, DLR, RM & RDX, DTR Programming Cable
HKKN4027
\$40.00



CLP Cloning Cable Kit
HKKN4026A
\$20.00



RDX Cloning Cable
RLN6303
\$20.00



RM Cloning Cable
HKKN4028
\$20.00

BATTERIES



DLR & CLP High Capacity Li Ion Battery Kit
HKNN4013
\$40.00



CLS Lithium Ion Rechargeable Battery
PMNN4497
\$35.00



CLP Standard Li Ion Battery
HKNN4014
\$35.00



CLP High Capacity Li Ion Battery Door Kit
HKLN4440
\$10.00



CLP Standard Li Ion Battery Door Kit
HKLN4441
\$10.00



DTR Standard Capacity Lithium Ion Battery
PMNN4578
\$66.00



RDX Standard Capacity Lithium Ion Battery
RLN6351
\$80.00



RDX Ultra High Capacity Lithium Ion Battery
RLN6308
\$110.00



RDX Alkaline Battery Frame
RLN6306
\$45.00



RM Series Standard Capacity Lithium Ion Battery
PMNN4434
\$65.00

CARRYING SOLUTIONS



DLR Swivel Belt Clip Holster
HKLN4615
\$20.00



DTR Replacement Holster w/Swivel Belt Clip
PMLN7939
\$20.00



CLS Replacement Holster w/Swivel Belt Clip
HCLN4013
\$15.00



CLP Magnetic Carry Case
HKLN4433
\$21.50



CLP Swivel Belt Clip Holster
HKLN4438
\$10.00



CLP Magnetic Belt Clip Accessory
MAG1001
\$5.00



RDX & RM Leather Case w/ Swivel Belt Clip
RLN6302
\$55.00



RM Swivel Holster with Belt Clip
HKLN4510
\$30.00



RDX 3" Spring Action Belt Clip
RLN6307
\$15.00



DTR600 Whip Antenna
PMAF4024
\$30.00



RDU4100/RDU4160d UHF Replacement Antenna
RAN4031
\$20.00



RDU4100 and RDU4160d Stubby UHF Antenna
RAN4033
\$20.00



RDV5100 VHF Replacement Antenna
RAN4041
\$20.00

frequently asked questions

Should we purchase UHF, VHF, or Digital? UHF radios will perform well both indoors and outdoors. VHF radios are best for outdoor use only. Digital radios perform best indoors.

How many watts do we need? Wattage determines the strength of your radio signal; so the higher the wattage, the greater the coverage area. Please see the range charts inside the catalog for different radio models.

How many channels do we need? Channels are used to segregate work groups within the jobsite. Each work group should have their own channel to minimize disruptions from other departments. Digital radios provide the added benefits of private calls to specific radios, as well as channels for separate work groups.

How far will the radios communicate? Motorola Business Radios are designed for on-site communications, and should provide complete coverage of most jobsites. Motorola Business Radios are not designed to provide communication away from your jobsite, but may work a mile or so away from the site.

What is the warranty? All Motorola Business Radios come with a two year, full replacement warranty from the date of purchase. Accessories come with a one-year warranty. Contact your dealer or Motorola at 800-501-8614 for assistance.

How many radios can be used on one jobsite? There is no limit to the number of radios that can be used on a particular jobsite. With that said, we do recommend using an additional channel for every 10 employees to minimize disruptions.

Do the CLP, CLS, RDX, and RM series communicate with other brands of radios? Yes, provided that all radios are in the same range and are programmed to the same frequencies and codes. For more information, contact your dealer.

Is an FCC License required? Yes, on certain models. The CLP, CLS, RDX, and RM series require an FCC License. Go to <http://www.fcc.gov> and request document 000610 for more information. The DTR and DLR series do not require an FCC License.

What are the advantages of going Digital? The Motorola DTR and DLR series allow for added call functionality such as group and one-to-one communication. Digital radios also offer crystal clear communications, as well as additional privacy not available on analog radios. Please see our Analog vs. Digital comparison page inside for more information.

Do the DTR and DLR series communicate with other radios? No. The DTR and DLR radios are only compatible with other radios from within the same two series.

Are chargers compatible from one radio series to another? No. Due to different battery chemistries, sizes and charge times, each radio series requires its own charging system.

To get more information or to place an order, call
CEI @ 800-25CARON (252-2766).



WARRANTY INFORMATION

WARRANTY

Motorola Business Two-Way Radios are covered by a Two Year Replacement Warranty and accessories are covered by a One Year Replacement Warranty against defects in material and workmanship under normal use from date of original purchase by the end user. This warranty excludes units which show signs of abuse or excessive wear.

OUT OF WARRANTY SERVICE

Dealers provide out of warranty repair service for Motorola radios starting at \$119 per radio plus return freight. Batteries, belt clips and removable antennas are accessories and replacements are not included in repair cost.

TECHNICAL SUPPORT "HELP LINE"

Motorola provides technical support during normal business hours. Call 1-800-501-8614. 8 am to 5 pm CST weekdays. Your sales rep is an excellent source for technical support as well.

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