



# YOUR SOURCE FOR MOTOROLA RADIOS

Manufacturer Suggested Retail Price

Effective: 9-1 to 12-31-19

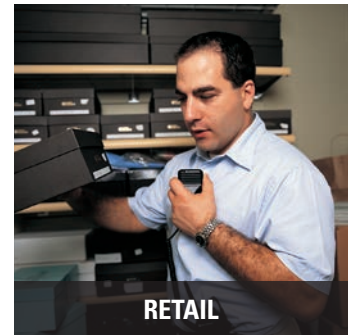


INDUSTRIAL

**PUSH A  
BUTTON**



CONTRACTORS



RETAIL



PROPERTY MANAGEMENT

**TALK TO  
YOUR TEAM**



SCHOOLS



LODGING



HEALTHCARE

**SAVE  
TIME**



**REDUCE  
LABOR COSTS**



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Reduce Your Labor Costs  
by Thousands Every Year



[motorola@acsradios.com](mailto:motorola@acsradios.com)

[www.acsradios.com](http://www.acsradios.com)

TRY IT FREE FOR 7 DAYS

# MOTOROLA RADIOS IMPROVE EVERY BUSINESS

## INDUSTRIAL



### **Manufacturing, Warehouse, Distribution Centers**

- Quickly request help, supplies, maintenance, quality control
- Expedite requests & rush orders
- Improve assembly line operations
- Maximize output, sales & profit
- Respond instantly to emergencies
- Increase safety & security

***For Shipping, Receiving, Line Workers, Supervisors, Maintenance, Engineering Quality Control, Customer Service***

## CONTRACTORS



### **Construction, Electrical, Interconnects, Mechanical, Installers, Comm Data**

- Supervise subs, crews, operators
- Coordinate wire pulling & installations
- Manage deliveries & materials
- Increase safety & security for workers
- Respond quickly to emergencies
- Critical for disaster preparedness

***For GCs, Subs, Operators, Installers***

## RETAIL



### **Apparel, Hardware, Pharmacy, Liquor, Nursery, Gas Stations, Car Dealers**

- Improve customer service
- Increase sales
- Reduce shrink
- Answer customer questions quickly
- Quickly get stock & price checks
- Instantly deploy workers where needed
- Eliminate paging
- Accelerate training of new hires

***For Managers, Cashiers, Sales, Stock, Loss Prevention***

## PROPERTY MANAGEMENT



### **Apartments, Condos, Office Buildings, Residential Care Facilities**

- Improve response time to tenant needs
- Maximize productivity of staff
- Increase safety & security
- Coordinate meetings and events
- Make new hires more productive
- Respond quickly to emergencies

***For Property Managers, Engineering, Maintenance, Security***

## SCHOOLS



### **K-8, High, College, Athletics, Dormitory, Day Care**

- Instantly talk to teachers & staff
- Increase safety & security for students, teachers, staff
- Respond quickly to emergencies
- Monitor crosswalks, playgrounds, dorms, parking lots, bus load
- Coordinate events, field trips

***For Administrators, Teachers, Cafeteria, Maintenance, Security, Nurses, Trainers, Coaches, Engineering Hall Monitors, Grounds Crew***

## LODGING



### **Hotels, Resorts, Golf Courses**

- Improve response time for guests
- Maximize staff productivity
- Increase safety and security
- Coordinate meetings and events
- Quickly deploy staff where needed
- Accelerate training of new hires

***For Managers, Front Desk, Bell Staff, Housekeeping, Restaurant, Maintenance Staff, Golf Course***

## HEALTH CARE



### **Nursing, Assisted Living, Retirement, Long Term Care, Hospitals, Clinics**

- Instantly talk to doctors, nurses, staff
- Increase productivity of staff
- Respond quickly to emergencies
- Increase security for patients, residents, staff
- Coordinate events, activities, trips
- Disaster preparedness

***For Doctors, Nurses, Management, Staff, Maintenance, Food Service***

## FOOD SERVICE



### **Restaurant, Banquet, Cafeteria, Bars, Meeting & Convention Facilities**

- Improve table turns, increase revenue
- Reduce customer wait time
- Clean & set tables faster
- Notify wait staff when orders are ready
- Coordinate runners & replenishment
- Make new hires more productive

***For Managers, Host, Wait Staff, Bus Staff, Kitchen, Valet Parking, Security***

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## Radio FAQs

### WHICH IS BETTER DIGITAL, UHF or VHF?

Digital and UHF offer the best coverage and penetration inside buildings or outdoors. VHF is fine in flat open areas or around wood structures.

### HOW MUCH POWER DO I NEED?

Power is a major factor in achieving the range and coverage in a particular structure as well as providing a clear, crisp signal that is easy to understand. Coverage is improved as power is increased.

### HOW MANY CHANNELS DO I NEED?

One channel per work group is typical. Use multi-channels to separate multiple workgroups. **Examples:** Managers, shipping, manufacturing, maintenance, security, general & sub contractors, different departments such as stock, customer service, etc.

### WILL MOTOROLA RADIOS TALK TO OLDER MODELS/OTHER BRANDS?

Yes, as long as the frequencies and codes match.

### HOW MANY RADIOS CAN BE USED TOGETHER?

There is no limit.

### HOW RUGGED ARE MOTOROLA RADIOS?

These radios are built rugged for all day business use and meet Motorola's accelerated life testing including a 5 foot drop to concrete on all six sides.

### CAN THEY BE USED WITH REPEATERS AND BASE STATIONS?

Motorola radios are programmable to work with repeaters and base stations. See page 9 for the UHF and DTR Range Extender Repeaters.

### WARRANTY

Motorola radios include a 2-year warranty (1 year on accessories) on defects in material and workmanship from original date of purchase. Proof of purchase required.

### FCC LICENSE

The FCC regulates communications devices. Both business and GMRS radios require an FCC license. Violators are subject to fines. We can process the FCC license application for you. Contact us at 800-248-5391 for pricing or information. **Note: DLR and DTR radios (page 6) do not require a license and can be used license free in U.S., Canada and Mexico.**

### FCC NARROWBAND MANDATE

In an effort to achieve more efficient use of the radio spectrum, the FCC mandated radios change from 25 kHz to 12.5 kHz by January 1, 2013. All radios in this catalog meet the 12.5 kHz narrowband requirement.

### INEXPENSIVE FRS/GMRS WALKIE-TALKIES

While recreational models are inexpensive, their cost to use is typically 2 to 4 times greater than business models over time. Units and batteries are replaced often. GMRS radios require an FCC license just as business models, but are not legal for business use. Violators are subject to fines.

### RANGE & COVERAGE

**Range** is determined by several factors:

**Digital & UHF Radios** provide the best coverage in and around buildings, especially steel and concrete structures and large industrial or multi-story buildings.

**VHF** is for outdoor "line of sight" applications and inside wood structures.

**Obstructions** Steel and concrete structures reduce range and coverage.

## RAPID RETURN ON INVESTMENT

Watch your savings multiply when each worker saves just 5 minutes per hour

Hourly rate	# of workers	Each radio pays for itself in...	Annual savings
\$24 per hour	125	4 weeks	\$520,000
\$18 per hour	50	5 weeks	\$156,000
\$15 per hour	25	6 weeks	\$65,000

### Range and Coverage Guide

#### Digital

Analog UHF 4 Watt

Analog UHF 2 Watt

Analog UHF 1 Watt

Analog VHF 5 Watt

Analog VHF 2 Watt



Industrial Buildings



Multi-Level Buildings

Up to 350,000 sq. ft.

Up to 350,000 sq. ft.

Up to 250,000 sq. ft.

Up to 200,000 sq. ft.

Up to 300,000 sq. ft.

Up to 180,000 sq. ft.

Up to 30 floors

Up to 30 floors

Up to 20 floors

Up to 15 floors

Up to 18 floors

Up to 10 floors



# Motorola's new **NATIONWIDE** Push-to-Talk Wave Radio

Combining the ease of a Motorola radio with Verizon's 4G LTE nationwide coverage, quickly connect your team whether they are across town or across the country.



## THERE IS NOTHING ELSE LIKE THIS

- Connect to one worker (up to 300 contacts) or many workers (up to 96 channels)
- Durable, IP54, passes Motorola's grueling Accelerated Life Test of 5 years of operation
- Wi-Fi capable to maintain communication when cellular coverage is limited
- GPS tracking to maximize safety and check status
- Slim and lightweight for one hand operation (5.17" h X 2.31" w X .87" d, 5.87 oz.)
- Digital audio, crystal clear and loud
- LED displays channels and contacts

## BETTER THAN CELL PHONES

- Connect to one worker (like a cell phone), but also connect to many workers
- Eliminate loss of productivity from personal texting, phone calls and web surfing
- Durable, drop it and it does not break, eliminating expensive cell phone replacement costs

MODEL	CHANNELS	CONTACTS	COVERAGE / NETWORK	MSRP
TLK100	8 (expandable to 96)	300	Nationwide on Verizon 4G LTE	\$300

### LIMITED TIME OFFER - Net cost of \$0 after rebate with two year subscription

Activation required, choose month-to-month or 2-year subscription, both are \$35/month. If choose 2-year, eligible for rebate up to \$300 on purchase cost.

## EVERY RADIO INCLUDES

- Li-Ion battery 2300 mAh with up to 18 hours operation, plastic swivel holster with belt clip, AC charger

MODEL	ACCESSORIES	MSRP
PMLN7189	Swivel earpiece with in-line PTT mic	\$35
PMLN7158	Surveillance eartip with in-line PTT mic	\$67
PMNN4468	Li-Ion battery 2300 mAh with up to 18 hours operation	\$40
PMLN7101	6-Unit charger for radios or batteries	\$265
PMLN7932	Plastic swivel holster with belt clip	\$22

## CP200d MOTOTRBO

## Digital & Analog, UHF 4 Watt & VHF 5 Watt

- CP200d MOTOTRBO features superior range, durability and loud and clear audio
- Available in Digital-Analog or Analog (upgradable to Digital)
- Digital-Analog models operate in digital and analog modes concurrently to work with existing radios
- Programmable to frequencies UHF 403 – 470 MHz or VHF 136 – 174 MHz
- Audio accessory jack to use a speaker mic (see chart below) or earpieces (see page 11)
- Compatible with Repeaters (see UHF Range Extender Repeater page 10)
- The ability to interrupt a transmission to prioritize emergency communications
- Durable for tough environments, meets IP54 and Military Standards for dust, moisture, shock, vibration

### Every radio includes:

- Li-Ion battery, 2250 mAh, 7.5 v, up to 18 hours operation
- Heavy Duty 3" spring action belt clip
- 2 hour desktop charger

In-Building Coverage		
UHF	Up to 400,000 sq. ft.	Up to 35 floors
VHF	Up to 350,000 sq. ft.	Up to 20 floors



**CP200d**  
5.0"h x 2.4"w x 1.8"d, 12.2 oz; Black

Radios	Order No.	Channels	Frequency	Power	MSRP
CP200d-Digital & Analog	AAH01QDC9JA2_N	16	UHF 403-470 MHz	4 Watt	\$602
CP200d-Analog, Upgradable to Digital	AAH01QDC9JC2_N	16	UHF 403-470 MHz	4 Watt	\$519
CP200d-Digital & Analog	AAH01JDC9JA2_N	16	VHF 136-174 MHz	5 Watt	\$568
CP200d-Analog, Upgradable to Digital	AAH01JDC9JC2_N	16	VHF 136-174 MHz	5 Watt	\$485

Accessories	Description	MSRP
PMMN4013A	CP200d Remote Speaker Mic, Windporting, 3.5mm audio jack	\$89
NNTN4497BR	CP200d Replacement Li-Ion Battery 2250mAh 7.5v	\$88

## Intrinsically Safe

## Analog UHF 5 Watt & VHF 5 Watt

### Many Safety Features:

- Intrinsic safety for explosion protection, will not release electrical or thermal energy to cause ignition of a specific hazardous atmospheric mixture
- Intrinsically safe certification for Class I, II, III; Division 1 Groups C, D, E, F, G; Temp Class T3C
- Emergency Alert, user presses a button that sends an alert for help
- Lone Worker Alert, built-in timer requires user to press button, If user does not press, radio sends an alert for help
- Man Down (requires AAH88X001 MSRP \$139), sends an emergency alert for help if radio is still for longer than a programmed time
- Water Submersible IP57 and Military Standards for dust, moisture, shock, vibration
- Programmable to UHF 400-512 MHz or VHF 136-174 MHz, works with repeaters (see UHF Range Extender Repeater page 10)
- Intrinsically Safe speaker mic available (see chart below)

### Every radio includes:

- Intrinsically Safe Li-Ion battery, 2300 mAh for up to 18 hours operation
- Spring action belt clip
- 2 hour desktop charger

In-Building Coverage		
UHF	Up to 350,000 sq. ft.	Up to 30 floors
VHF	Up to 300,000 sq. ft.	Up to 20 floors



**ISVX451**  
4.3"h x 2.3"w x 1.7"d, 12.6 oz; Black

Radios	Order No.	Channels	Frequency	Power	MSRP
VX-451-G6-5	AC095U522-MOT-NA	32	UHF 400-470 MHz	5 Watt	\$430
VX-451-G7-5	AC095U521-MOT-NA	32	UHF 450-512 MHz	5 Watt	\$430
VX-451-D0-5	AC095N521-MOT-NA	32	VHF 136-174 MHz	5 Watt	\$430

Accessories	Description	MSRP
AAE46X507	Intrinsically Safe Remote Speaker Mic (old # MH66A4B)	\$95
AAK66X501	Intrinsically Safe Li-Ion Battery 2300mAh 7.5v (old # FNBV134LIIS)	\$125

## DTR Series Radios Super High Performance

## Digital 900 MotoTalk

- Talk To All Workers OR Talk INDIVIDUALLY to One Worker (like a cell phone but without monthly bills, expensive replacement costs, and wasted productivity from personal texting, phone calls and web surfing)
- Superior coverage similar to high power 4/5 watt analog models
- Digital audio quality, loud and clear up to the edge of coverage
- No FCC License required in U.S., Canada, Mexico as use license free 900 MHz ISM frequencies.
- Interference free and enhanced security with Frequency Hopping Spread Spectrum
- Talk Permit Tone prevents interrupting or stepping on the person talking
- Full graphic color display and intuitive navigation menu to quickly use radio features
- Meets military standards for dust, moisture, shock, vibration
- Audio accessory jack to use a speaker mic or earpiece (see page 11)
- Compatible with DTR Range Extender Repeater (see page 10)
- DTR radios also work with DLR radios. Do not work with other digital or analog radios.

### Every radio includes:

- Li-Ion battery, 2500 mAh, up to 16 hours operation
- Plastic swivel holster with belt clip
- 3 hour desktop charger

### ACCESSORIES ON PAGE 12

In-Building Coverage	
Up to 350,000 sq. ft.	Up to 30 floors

Get a **FREE RADIO** for every 6 radios purchased. Plus a **FREE EARPIECE** for every 6 digital radios purchased | Details on pg 15



**DTR600, DTR700**

5.06"h x 2.2"w x 1.06"d, 7.87 oz. (antenna 5.5" tall)

**No license required in U.S., Canada, Mexico**

Model	Channels	Features	MSRP
<b>DTR600</b>	30	As listed above	<b>\$369</b>
<b>DTR700</b>	50	As listed above	<b>\$399</b>
<b>DTR550</b>	20	<b>DISCONTINUED (replaced by and works with DTR600)</b>	<b>\$349</b>
<b>DTR410</b>	5	<b>DISCONTINUED (replaced by and works with DTR600)</b>	<b>\$319</b>

## DLR Series Radios Super High Performance

## Digital 900 MotoTalk

- Talk To All Workers OR Talk INDIVIDUALLY to One Worker (like a cell phone but without monthly bills, expensive replacement costs, and wasted productivity from personal texting, phone calls and web surfing)
- Superior coverage similar to high power 4/5 watt analog models
- Digital audio quality, loud and clear up to the edge of coverage
- No FCC License required in U.S., Canada, Mexico as use license free 900 MHz ISM frequencies.
- Interference free and enhanced security with Frequency Hopping Spread Spectrum
- Talk Permit Tone prevents interrupting or stepping on the person talking
- Meets military standards for dust, moisture, shock, vibration
- Audio accessory jack to use a speaker mic or earpiece (see page 11)
- Compatible with DTR Range Extender Repeater (see page 10)
- DLR radios also work with DTR radios. Do not work with other digital or analog radios.

### Every radio includes:

- Li-Ion battery, 1800 mAh, up to 14 hour operation
- Plastic swivel holster with belt clip
- 3 hour desktop charger

### ACCESSORIES ON PAGE 12

Get a **FREE RADIO** for every 6 radios purchased. Plus a **FREE EARPIECE** for every 6 digital radios purchased | Details on pg 15



**DLR1020, DLR1060**

4.2"h x 1.7"w x 0.9"d, 4.2 oz.; Black

**No license required in U.S., Canada, Mexico**

In-Building Coverage • 1 Watt	
Up to 300,000 sq. ft.	Up to 20 floors

Model	Channels	Features	MSRP
<b>DLR1020</b>	2	As listed above	<b>\$239</b>
<b>DLR1060</b>	6	As listed above	<b>\$259</b>

## RM Series Radios Robust & Powerful

## Analog UHF 2 Watt

- 2 Watt UHF transmit power
- 99 UHF user changeable frequencies and programmable to 450 – 470 MHz
- Robust 1500 mw audio output
- Audio accessory jack to use a speaker mic or earpiece (see page 11)
- Channel scan and voice announcement
- Voice assisted programming
- Meets Military Standards for dust, moisture, shock, vibration
- Compatible with UHF Range Extender Repeater (page 10)

### Every radio includes:

- Li-Ion battery, 2100 mAh, up to 15 hours operation
- Plastic swivel holster with belt clip
- 4 hour desktop charger

### ACCESSORIES ON PAGE 13

Get a **FREE RADIO** for every 6 radios purchased  
Details on pg 15



RMU2040

RMU2080

RMU2080d

4.5"h x 2.25"w x 1.5"d, 8.6 oz; Black

In-Building Coverage • 2 Watt UHF	
Up to 250,000 sq. ft.	Up to 20 floors

Model	Channels	Features	MSRP
RMU2040	4	As listed above	\$245
RMU2080	8	As listed above plus NOAA Weather Channels with Alert	\$290
RMU2080d	8	As listed above plus LCD display, NOAA Weather Channels with Alert	\$310

## RD Series Radios High Power

## Analog UHF 4 Watt

- 4 Watt UHF transmit power
- 89 UHF user changeable frequencies and programmable to 438 – 470 MHz
- Robust 2000 mw audio output
- Audio accessory jack to use a speaker mic or earpiece (see page 11)
- Channel scan and voice announcement
- Voice assisted programming
- Meets Military Standards for dust, moisture, shock, vibration
- Compatible with UHF Range Extender Repeater (page 10)

### Every radio includes:

- Li-Ion battery, 2400 mAh, up to 15 hours operation
- Heavy duty spring action belt clip
- 8 hour desktop charger

### ACCESSORIES ON PAGE 13

Get a **FREE RADIO** for every 6 radios purchased  
Details on pg 15



RDU4100

RDU4160d

4.5"h x 2.1"w x 1.1"d, 10.3 oz; Black

In-Building Coverage • 4 Watt UHF	
Up to 350,000 sq. ft.	Up to 30 floors

Model	Channels	Features	MSRP
RDU4100	10	As listed above plus NOAA Weather Channels with Alert	\$360
RDU4160d	16	As listed above plus LCD display, NOAA Weather Channels with Alert	\$380



## CLS Series Radios Small & Lightweight

Analog UHF 1 Watt

- 1 Watt UHF transmit power
- 56 UHF user changeable frequencies and programmable to 460 - 470 MHz
- Audio accessory jack to use a speaker mic or earpiece (see page 11)
- LCD display shows channel, frequency and code settings, battery status
- VOX - Voice activated transmit with select audio accessories

**2 YEAR WARRANTY**

### Every radio includes:

- Li-Ion battery, 1800 mAh, up to 12 hours operation
- Plastic swivel holster with belt clip
- 3 hour desktop charger

### ACCESSORIES ON PAGE 13

Get a **FREE RADIO** for every 6 radios purchased  
Details on pg 15



CLS1110

CLS1410

4.1" h x 2.1" w x 1.1" d, 4.5 oz; Black

In-Building Coverage • 1 Watt UHF	
Up to 200,000 sq. ft.	Up to 15 floors

Model	Channels	Features	MSRP
CLS1110	1	As listed above	\$189
CLS1410	4	As listed above plus Scan, VOX, VibraCall®	\$209

## CLP Series Radios World's Smallest

Analog UHF 1 Watt

- Unique palm size design, 40% smaller and 50% lighter than other models
- 1 watt UHF transmit power
- 90 UHF frequencies or dealer programmable from 450 - 470 MHz
- 12.5 kHz narrowband compliant
- Compatible with UHF Range Extender Repeater (see page 10)
- Interference eliminator with 219 codes prevents hearing other users
- Uses lightweight, comfortable earpiece (included)
- No external antenna to catch on clothing or work equipment
- Antimicrobial protection
- Voice driven menu provides quick access to settings

**2 YEAR WARRANTY**

CLP1010, CLP1040  
Includes corded earpiece



3.5" h x 2.0" w x 0.75" d, 2.4 oz; Black

### Every radio includes:

- Swivel earpiece with inline push-to-talk mic with CLP1010/1040
- Bluetooth wireless earpiece with CLP1060
- Li-Ion battery, 1130 mAh, up to 9 hr operation
- 4 hr desktop charger
- Plastic swivel holster with quick release belt clip

### ACCESSORIES ON PAGE 14

Get a **FREE RADIO** for every 6 radios purchased  
Details on pg 15

CLP1060  
Includes BT wireless pod and earpiece



**Bluetooth®**

In-Building Coverage • 1 Watt UHF	
Up to 100,000 sq. ft.	Up to 10 floors

Model	Channels	Features	MSRP
CLP1010	1	As listed above plus corded swivel earpiece	\$219
CLP1040	4	As listed above plus corded swivel earpiece	\$249
CLP1060	6	As listed above plus Bluetooth capability in radio, Bluetooth wireless pod and earpiece	\$369



## RM & RD VHF Radios

## Analog VHF 2 & 5 Watt

- 2 Watt or 5 watt VHF transmit power
- 27 VHF user changeable frequencies and programmable to 146-174 MHz
- Robust 2000 mw audio output
- Audio accessory jack to use a speaker mic or earpiece (see page 11)
- Channel scan and voice announcement
- Voice assisted programming
- Meets Military Standards for dust, moisture, shock, vibration



### Every radio includes:

- Li-Ion battery up to 15 hours operation
- Plastic swivel holster with belt clip
- 4 hour (RM) or 8 hour (RD) desktop charger

### ACCESSORIES ON PAGE 13

Get a **FREE RADIO** for every 6 radios purchased  
Details on pg 15



RMV2080

RDV5100

4.5"h x 2.2"w x 1.8"d, 10.3 oz; Black

In-Building Coverage • RDV5100		In-Building Coverage • RMV2080	
Up to 300,000 sq. ft.	Up to 18 floors	Up to 180,000 sq. ft.	Up to 10 floors

Model	Channels	Features	MSRP
RMV2080	8	As listed above plus NOAA Weather Radio with Alert	\$245
RDV5100	10	As listed above plus NOAA Weather Radio with Alert	\$325

## Wireless Callboxes

## Analog UHF and Digital 900 MHz

When a person presses the button, they hear a customized message from the callbox that informs them assistance is on the way. Then a different customized message is sent wirelessly to all workers with a radio. Use at gates, entryways, receiving docks, aisles, high value storage areas, etc.

- Record the message the person hears and the message sent to radios
- Message can be repeated (from 1 to 180)
- Adjust time between repeated message (from 1 to 30 seconds)

### Analog UHF Wireless Callbox

- Works with UHF radios and programmable to 450-470 MHz
- Also can be wired to infrared beams, motion detectors, push buttons, bells
- Powered by 6AA batteries (not included)
- CB200 7.6" x 4.6" x 1.5"
- \* EA200HD 8.3" x 4.8" x 2.4"

MODEL	DESCRIPTION	MSRP
CB200-U	Indoor Use Only	\$399
EA200HD	Weatherproof for Outdoor Use	\$595



### Digital 900 MHz Wireless Callbox

- Works with DLR and DTR Digital 900 MHz radios
- Powered by 3D batteries (included)
- 7.6" x 4.9" x 2.2"

MODEL	DESCRIPTION	MSRP
CB300-D	Indoor Use Only	\$499



## DLR/DTR Range Extender

## Digital 900 MotoTalk

### Works with DLR and DTR Digital Radios (Page 6)

**Increase DLR/DTR Radio coverage up to 50%**

Extend the coverage of the High Performance DLR/DTR Digital Radios inside and around buildings. Reach additional floors and eliminate dead spots. Ideal for industrial facilities, warehouses, schools, hotels/lodging facilities, nursing homes/healthcare facilities, retail stores, golf courses and more.

Range Extender is compact. Each unit is 5.5" H x 5.3" W x 1.8" D and weighs 1.0 lb. Quick and easy installation with mounting keyholes. Connect to 110VAC power and it's ready to use.

- Extends coverage of 1 group channel of the DTR/DLR Digital Radios (add more range extenders to extend coverage of more groups)
- Works out of the box with Group 5 channel of DTR550, DTR410, DLR1060.
- Built-in mounting holes
- Includes TX box with 6" antenna, RX box with 6" antenna, 50 ft. cable to connect boxes, 110 AC power supply
- No license required in the U.S., Canada and Mexico. Operates on license free 900 MHz ISM frequencies.



Each unit is 5.5"h x 5.3"w x 1.8"d, 1.0 lb, Black

**No license required in  
U.S., Canada, Mexico**

*\*\*Not compatible with analog radios including  
CLS, CLP, RM, RD, XTN, or AX models*

Model	Features	MSRP
DTR RANGE EXTENDER	DLR/DTR Digital Range Extender	\$1,495

## UHF Range Extender Repeater

## Analog UHF 5 Watt

### Works with all UHF radios.

**Increase UHF radio coverage up to 50%**

The solution for difficult on-site coverage applications. The UHF Range Extender Repeater offers significant improvement for two-way radio coverage in and around buildings. Reach additional floors and eliminate dead spots when the unit is installed in a centralized indoor location. Ideal for industrial facilities, warehouses, schools, hotels/lodging facilities, nursing homes/healthcare facilities, retail stores, golf courses and more.

The UHF Range Extender Repeater is compact 2" H x 8" W x 6" D and lightweight 3.5 lbs in an extruded aluminum housing with mounting flanges for quick and easy installation. Connect to 110VAC power and it's ready to use.

- 5 watt UHF power output
- 1 channel with a UHF transmit frequency and a UHF receive frequency
- Factory programmed and tuned to frequencies from 450 to 470 MHz at 12.5 kHz narrowband
- Tone PL and Digital DPL interference eliminator codes
- Built-in mounting flanges
- Includes factory programming, tuning, flexible 16" whip antenna with N type adapter and 110 VAC power supply
- FCC license required to operate repeater.



2"h x 8"w x 6"d, 3.5 lbs, Black

FCC license required to operate repeater. FCC license valid for 10 years and renewable. We will process the complicated FCC application, relieving you of this burdensome paperwork. License cost quoted at time of request. Upon FCC approval of frequencies, the repeater is factory programmed and shipped.

Model	Features	MSRP
RLR-465-N	5 Watt UHF Range Extender Repeater	\$1,299
RAM-45 UHF	For extended range - Magnetic Mount Antenna, 12' Cable, BNC connector	\$99



**SWIVEL EARPIECE WITH IN-LINE PUSH-TO-TALK MIC**  
Lightweight and comfortable, open back fits large and small ears and swivels to wear on either ear. (Formerly RLN6423)

**Best Seller**

MODEL	MSRP
<b>HKLN4604</b>	<b>\$42</b>



**EARTIP WITH IN-LINE PUSH-TO-TALK MIC**  
Discreet low profile image with eartip and push-to-talk mic all in one single wire. (Formerly HKLN4477 or S9500M)

MODEL	MSRP
<b>HKLN4601</b>	<b>\$50</b>



**EARLOOP WITH IN-LINE PUSH-TO-TALK MIC**  
Fits over either ear. (Formerly 56517 or HCSN4000BB)

MODEL	MSRP
<b>HKLN4599</b>	<b>\$35</b>



**HEAVY DUTY EARTIP WITH IN-LINE PUSH-TO-TALK MIC**  
Discreet low profile image with a small comfortable eartip.

MODEL	MSRP
<b>V1-10180</b>	<b>\$119</b>



**EARBUD WITH PUSH-TO-TALK MIC**  
Discreet low profile image with small earbud.

MODEL	MSRP
<b>53866</b>	<b>\$61</b>



**DURABLE REMOTE SPEAKER WITH PUSH-TO-TALK MIC**  
Talk and listen without lifting two-way radio. Clips on shirt or collar. (Replaces HMN9026 or 53862).

MODEL	MSRP
<b>HKLN4606</b>	<b>\$63</b>



**CP200D RADIO DURABLE REMOTE SPEAKER WITH PUSH-TO-TALK MIC**  
For CP200d radios. Talk and listen without lifting two-way radio. Windporting technology to hear in howling wind, driving rain and sever weather. 3.5 mm audio jack to connect a receive-only earpiece.

MODEL	MSRP
<b>PMMN4013</b>	<b>\$89</b>



**35% LOUDER VOLUME REMOTE SPEAKER WITH PUSH-TO-TALK MIC**  
Recommended for loud work environments and DTR600 radios. Compatible with most Motorola radios in this catalog. High/low dial to quickly adjust volume.

MODEL	MSRP
<b>V2-10026</b>	<b>\$88</b>



**TEMPLE HEADSET WITH PUSH-TO-TALK MIC**  
Converts audio into sound vibrations and transmits to the inner ear. Ideal for hearing aid users.

MODEL	MSRP
<b>RMN5114</b>	<b>\$79</b>



**DOUBLE MUFF HEADSET WITH NOISE CANCELLING BOOM MIC**  
For extremely loud and noisy environments with adjustable boom microphone.

MODEL	MSRP
<b>ETULTRA DOUBLE</b>	<b>\$159</b>



**DOUBLE MUFF HEADSET WITH MIC FOR HARDHAT WEARERS**  
For extremely loud and noisy environments with adjustable boom microphone.

MODEL	MSRP
<b>XTREME</b>	<b>\$159</b>



**SINGLE MUFF HEADSET WITH NOISE CANCELLING BOOM MIC**  
Covers right ear to seal out ambient noise.

MODEL	MSRP
<b>ETULTRA</b>	<b>\$125</b>



## DTR600 & DTR700 Accessories

### 6-UNIT CHARGER

Charge 6 radios or batteries with one outlet. Clone settings from one radio to another. Uses 75% less electricity than single chargers. Wall mountable.



MODEL	MSRP
<b>PMPN4465A</b>	<b>\$330</b>

### LI-ION BATTERY

Standard: 2500 mAh



MODEL	MSRP
<b>PMNN4578A</b>	<b>\$66</b>

### PLASTIC SWIVEL HOLSTER

MODEL	MSRP
<b>PMLN7939A</b>	<b>\$25</b>

### ANTENNA 900MHz

MODEL	MSRP
<b>PMAF4024A</b>	<b>\$30</b>

### CHARGER & AC POWER CORD

MODEL	MSRP
<b>PMPN4469A</b>	<b>\$61</b>

### PROGRAMMING CABLE

MODEL	MSRP
<b>HKKN4027</b>	<b>\$40</b>

## DTR550 & DTR410 Accessories

### 6-UNIT CHARGER

Charge 6 radios or batteries with one outlet. Clone settings from one radio to another. Uses 75% less electricity than single chargers. Wall mountable.



MODEL	MSRP
<b>53960</b>	<b>\$199</b>

### LI-ION BATTERY

Standard: 1200 mAh, 3.6v, up to 15 hours



High Capacity: 1500 mAh, 3.6v, up to 19 hours

MODEL	MSRP
<b>53963</b>	<b>\$53</b>
<b>53964</b>	<b>\$59</b>

### PLASTIC SWIVEL HOLSTER

MODEL	MSRP
<b>53961</b>	<b>\$18</b>

## DLR1020 & DLR1060 Accessories

### DLR 12-UNIT & 6-UNIT CHARGERS

Charge 12 radios or batteries (6 with 56531) with one outlet. Clone settings from one radio to another. Uses 75% less electricity than single chargers.



MODEL	MSRP
<b>PMLN7136</b>	<b>\$329</b>
<b>56531</b>	<b>\$199</b>

### LI-ION BATTERY

Standard: 1800 mAh, 3.7v, up to 14 hours



MODEL	MSRP
<b>HKNN4013</b>	<b>\$40</b>

### SINGLE UNIT CHARGER

MODEL	MSRP
<b>PMLN7140</b>	<b>\$45</b>

### PLASTIC SWIVEL HOLSTER

MODEL	MSRP
<b>HKLN4615</b>	<b>\$20</b>

### PROGRAMMING CABLE

MODEL	MSRP
<b>HKKN4027</b>	<b>\$40</b>

## CLS Series Accessories For CLS1110, CLS1410, CLS1450



### CLS Li-ION BATTERY

Provides up to 15 hours service. 3.6v, 1800 mAh.  
(Replaces 56557).

MODEL	MSRP
PMNN4497	\$39



### CLS 3-HOUR DESKTOP CHARGER

Charges radio or spare battery. Includes AC wall adapter.

MODEL	MSRP
56553	\$49



### CLS 6-UNIT CHARGER & CLONER

Charge 6 radios or batteries from single outlet. Uses 75% less electricity than single chargers. Clones settings from one radio to another.

MODEL	MSRP
56531	\$199



### CLS PLASTIC SWIVEL HOLSTER

Replacement plastic swivel holster with belt clip. HCLN4013 for CLS1110/1410 • HCLN4019 for CLS1450

MODEL	MSRP
HCLN4013	\$20
HCLN4019	\$35

## RM Series Accessories For RMU2040, RMU2080, RMU2080d, RMV2080



### RM SERIES LI-ION BATTERY

Provides up to 15 hours service. 3.6v, 2100 mAh.

MODEL	MSRP
PMNN4434	\$65



### RM DESKTOP CHARGER

Includes AC plug-in adapter.

MODEL	MSRP
PMLN6394	\$37



### PROGRAMMING CABLE

Program and manage radio settings via PC. Free software at [www.acsradios.com/resources/programming-software](http://www.acsradios.com/resources/programming-software).

MODEL	MSRP
HKKN4027	\$40



### RM PLASTIC SWIVEL HOLSTER

Replacement for RM 2 watt radios.

MODEL	MSRP
HKLN4510	\$20



### RM 6-UNIT CHARGER

Charges up to 6 radios or batteries using 1 AC outlet. Clones settings from one radio to another.

MODEL	MSRP
PMLN6384	\$265



### RM LEATHER HOLSTER

Protects and increases radio life. Quickly swivels and releases from stainless steel belt clip.

MODEL	MSRP
MR8461-2AP	\$35

## RD Series Accessories For RDU4100, RDU4160d, RDV5100, RDU2020, RDU2080d, RDV2020, RDV2080d



### RD 2 WATT LI-ION BATTERY

Standard for 2 watt models, 7.2v 1100 mAh

MODEL	MSRP
RLN6351	\$70



### RD 4/5 WATT LI-ION BATTERY

Standard for 4/5 watt models, 2400 mAh, up to 18 hrs. 26 hrs for 2 watt models.

MODEL	MSRP
RLN6308	\$110



### RD RAPID CHARGER

Charges standard 1100 mAh battery in 1.5 hours, Ultra Hi Capacity (2400 mAh) battery in 3.5 hours.

MODEL	MSRP
RLN6304	\$65



### RD 6 UNIT CHARGER & CLONER

Charge 6 radios or batteries with 1 outlet. Copy settings from one radio to another.

MODEL	MSRP
RLN6309	\$249



### PROGRAMMING CABLE

Program and manage radio settings via PC. Free software at [www.acsradios.com/resources/programming-software](http://www.acsradios.com/resources/programming-software).

MODEL	MSRP
HKKN4027	\$40



### RD LEATHER HOLSTER

Protects and increases radio life. Quickly swivels and releases from stainless steel belt clip.

MODEL	MSRP
MR8461-2AP	\$35



### RD UHF STUBBY ANTENNA

Compact antenna; approximately 30% less coverage.

MODEL	MSRP
RAN4033A	\$20



### RD HEAVY DUTY BELT CLIP

Belt clip fits belts up to 2.5 inches wide.

MODEL	MSRP
RLN6307	\$17

## CLP Series Accessories For CLP1010, CLP1040, CLP1060



### SWIVEL EARPIECE WITH IN-LINE PUSH-TO-TALK MICROPHONE

Replacement for CLP1010/1040. Lightweight and comfortable, open back fits large and small ears and swivels to wear on either ear.

MODEL	MSRP
<b>HKLN4455</b>	<b>\$39</b>



### EARTIP WITH IN-LINE PUSH-TO-TALK MIC

Discreet low-profile image with clear acoustic tube that runs over either ear. Ideal for noisy or quiet environments.

MODEL	MSRP
<b>HKLN4487</b>	<b>\$59</b>



### CLP RADIO MAGNETIC HOLDER

Easily attach CLP radio anywhere on clothing with included magnetic clip. Eliminates need for belt clip.

MODEL	MSRP
<b>HKLN4433</b>	<b>\$25</b>



### CLP 6-UNIT CHARGER

Charge 6 radios or batteries from 1 outlet. Uses 75% less electricity than single chargers. Copies settings from one radio to another.

MODEL	MSRP
<b>HKPN4007</b>	<b>\$199</b>



### PROGRAMMING CABLE

Program and manage radio settings via PC. Free software at [www.acsradios.com/resources/programming-software](http://www.acsradios.com/resources/programming-software).

MODEL	MSRP
<b>HKKN4027</b>	<b>\$40</b>



### CLP SHORT CORD SWIVEL EARPIECE WITH IN-LINE PUSH-TO-TALK MIC

Ideal for users wearing the radio clipped high on the body. Lightweight and comfortable, open back fits large and small ears and swivels to wear on either ear.

MODEL	MSRP
<b>HKLN4529</b>	<b>\$39</b>



### CLP STANDARD LI-ION BATTERY

Replace annually for best performance. 1130 mAh, 3.6 v

MODEL	MSRP
<b>HKNN4014</b>	<b>\$35</b>



### CLP SWIVEL BELT CLIP HOLSTER

Replacement swivel holster with belt clip.

MODEL	MSRP
<b>HKLN4438</b>	<b>\$20</b>



### CLP 3-HOUR SINGLE UNIT CHARGER

Replacement charger for radio or spare battery. Includes AC 110v plug-in adapter.

MODEL	MSRP
<b>HKPN4008</b>	<b>\$58</b>



### CLP CLONING CABLE

Permits charging of a HK200 OR H720 Bluetooth Earpiece to the micro-USB port on the HKPN4007 6-unit charger. One needed per Bluetooth earpiece. Also clones or copies radio settings from one CLP series radio to another.

MODEL	MSRP
<b>HKKN4028</b>	<b>\$20</b>

## CLP1060 Bluetooth Radio Accessories For CLP1060 ONLY



### CLP1060 SWIVEL EARPIECE FOR BLUETOOTH POD

Connects to CLP1060 Bluetooth pod. Lightweight and comfortable, open back fits large and small ears. Earpiece swivels to wear on either ear.

MODEL	MSRP
<b>HKLN4513</b>	<b>\$20</b>



### CLP1060 BLUETOOTH POD

Provides Bluetooth connectivity to CLP1060. Clip pod to collar or clothing and plug in swivel earpiece HKLN4513. Charge pod after daily use using either HKLN4509 or HKLN4508.

MODEL	MSRP
<b>HKLN4512</b>	<b>\$70</b>



### CLP1060 BLUETOOTH POD CHARGER ADAPTER FOR 6-UNIT CHARGER

Fits seamlessly into a CLP 6-unit charger pocket to charge a CLP1060 Bluetooth pod. Eliminates the need for HKLN4509 charger.

MODEL	MSRP
<b>HKLN4508</b>	<b>\$10</b>



### BLUETOOTH POD CHARGER

Charges the Bluetooth pod using AC power. One needed for each pod.

MODEL	MSRP
<b>HKLN4509</b>	<b>\$20</b>



Get a  
**FREE RADIO**  
 for every 6 radios purchased  
 Plus a **FREE EARPIECE**  
 for every 6 **digital** radios purchased

End-User Rebate Offer September 1 – December 31, 2019

### ANALOG Radios

1 Free for Every 6



**CLP Series**

CLP1010  
CLP1040  
CLP1060

**CLS Series**

CLS1110  
CLS1410

**RM Series**

RMU2040  
RMU2080  
RMU2080d  
RMV2080

**RD Series**

RDU4100  
RDU4160d  
RDV5100

### DIGITAL Radios

1 Free for Every 6,  
PLUS 1 Free Earpiece



### Digital Advantages

Talk privately to one radio or talk to all.

- Interference Free
- License Free
- Extended Range



**DLR Series**

DLR1020  
DLR1060

**DTR Series**

DTR600

### Rebate Offer Valid September 1 to December 31, 2019

For complete rules and details and to claim your free radio(s) and earpiece(s), go to [www.MotorolaSolutionsRadioRewards.com](http://www.MotorolaSolutionsRadioRewards.com).

End-users are eligible to receive one free radio directly from Motorola for every 6 qualifying radios purchased between September 1 and December 31, 2019. In addition, for every 6 digital radios purchased, end-users are eligible to receive 1 free earpiece (HKLN4604). Every 6 radios must be from the same product series and purchased from a Motorola Authorized Business Radio Reseller. This offer must be claimed in increments of 6 radios and is limited to 60 radios per customer/company. Radios do not have to be purchased at the same time or on the same invoice. The end user customer must fill out the online submission form and supply all requested documentation by January 15, 2020.

# REDUCE YOUR LABOR COSTS

How much time do you waste trying to find and talk to workers?  
Utilize instant communication and start saving thousands!

If your workers  
are not using Motorola  
radios, you are wasting  
thousands of dollars  
every year.

**\$520,000**

When 125 workers  
@ \$24/hr. save just  
5 minutes every hour  
4 week ROI

**\$156,000**

When 50 workers  
@ \$18/hr. save just  
5 minutes every hour  
5 week ROI

## MANUFACTURERS

**How long does it take your workers to:**

- Get a forklift to move a pallet or get supplies?
- Locate QC or maintenance when problems arise?
- Expedite rush orders and requests?
- React to injuries, accidents or emergencies?

## CONTRACTORS

**How long does it take your workers to:**

- Get job changes to all of your crew and subs?
- Coordinate cranes, installations, testing, wire pulling?
- Manage deliveries, materials, equipment, property?
- React to injuries, accidents or emergencies?

## STOP WASTING TIME

- Press a button & communicate instantly with one or everyone.
- No monthly bills, no texting, web surfing or personal calls.
- Rapid ROI within 5 weeks

**TRY IT FREE FOR 7 DAYS**