



MOTOROLA

USER GUIDE

March 2009

Business Walkie-Talkies and Accessories



***LINK WORKERS TOGETHER
TO CREATE HIGHLY EFFECTIVE TEAM***

**TALK TO ANY OR
ALL WORKERS INSTANTLY**

- Save Time
- Increase Productivity
- Reduce Labor Cost
- Train New Hires
- Simple to Use
- No Monthly Bills

LINK EVERY WORKER TOGETHER

- Compact, **simple to use** wireless devices that instantly communicate with every worker
- Workers are **linked together** as a team, hearing every critical piece of information
- Teammates **quickly share information**, and immediately respond to assist others
- Managers are **instantly accessible** to workers all the time, anywhere around the workplace
- New hires hear the exchange of information, **accelerating training** and effectiveness
- Instant communication improves **productivity, customer service, safety and security**
- There are **no monthly fees**, per-call charges or contracts



INDUSTRIAL

Manufacturing, Warehouse, Distribution Centers

- Improve assembly line operations
- Maximize output, sales & profit
- Instantly react to injuries or emergencies
- Increase safety and security
- Quickly request help, supplies, maintenance, quality control
- Expedite requests & rush orders
- Critical for disaster preparedness

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



PROPERTY MANAGEMENT

Hotels, Resorts, Golf Courses, Apartments, Condos, Office Buildings, Sports Complexes

- Improve response time to guest needs
- Increase safety & security for guests, staff
- Make new hires more productive
- Maximize productivity of staff
- Coordinate events, banquets, meetings
- Respond quickly to emergencies

For Managers, Front Desk, Housekeeping, Meetings, Restaurants, Food Service, Security, Maintenance, Engineering



GROCERY

Super Markets, Convenience, Gas Stations, Specialty Foods

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

For Managers, Cashiers, Sales, Stock, Loss Prevention, Clean Team



RETAIL

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

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

For Managers, Cashiers, Sales, Stock, Loss Prevention

BETTER THAN

- **Paging** - Communicates only one-way, can be loud and annoying, often ignored, responses delayed.
- **Phone Systems** - Permit talking to only one worker at a time; workers required to go to a phone; calls often missed, ignored or sent to voice mail; responses delayed.
- **Cordless Phones** - Communicate with only one worker at a time, calls often missed or sent to voice mail, coverage can be inconsistent; not durable for everyday business use.
- **Nextel™ & Cell Phones** - Significant monthly airtime cost, hundreds of dollars per worker annually; poor in-building coverage; communication with more than one worker at a time costs extra.
- **Recreational Walkie-Talkies** - Not intended nor durable for everyday business use; widely used by children and families which may disrupt business communication.



CONTRACTORS

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

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

For GCs, Subs, Operators, Installers



SCHOOLS

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

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

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



FOOD SERVICE

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

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

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



HEALTH CARE

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

- Instantly talk to doctors, nurses, staff
- Respond quickly to emergencies
- Critical for disaster preparedness
- Coordinate social activities, events, trips
- Increase productivity of staff
- Increase safety & security for patients, residents, staff

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

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CLS SERIES BUSINESS WALKIE-TALKIE

Compact and ultra light weight 4.5 oz. makes this unit highly desirable in retail stores as well as health care facilities and many businesses.

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NEW RDX SERIES BUSINESS WALKIE-TALKIE

Extremely rugged and compact, making these models great for contractors, manufacturing, warehouse, etc. Low and high power models, to cover large industrial buildings. Model available with repeater capability.

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DTR410 DIGITAL BUSINESS WALKIE-TALKIE

The first all digital walkie-talkie delivers outstanding voice quality with extraordinary range and coverage in large steel or concrete buildings.

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INDUSTRIAL CORDLESS PHONE WITH BUILT-IN WALKIE-TALKIE

Designed for use with multi-line phone systems to access any line, transfer calls, etc. Instantly talk to all workers. Phone and walkie-talkie all in one handset.

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WIRELESS MESSAGE ALERT UNITS

Place around your facility to send customized messages to all walkie-talkie equipped workers.

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ACCESSORIES FOR BUSINESS WALKIE-TALKIES

Extra batteries, 6-unit chargers, headsets and speaker mics, leather holsters, belt clips, etc.

WALKIE-TALKIE BASICS • RANGE & COVERAGE • RETURN ON INVESTMENT

WALKIE-TALKIE BASICS

Which is better UHF or VHF? UHF offers 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 when power is increased.

How many channels do I need? One channel per work group is typical. Use multi-channels when separating multiple workgroups. **Examples:** Managers, shipping, manufacturing, maintenance, security, general & sub contractors, different departments such as stock, customer service, etc.

Do current Motorola models talk to older models and other brands? Yes, as long as the frequencies and codes match.

How many walkie-talkies can be used together? There is no limit.

How rugged are Motorola walkie-talkies? Motorola walkie-talkies are built rugged for business use and meet Motorola's accelerated life testing including a 5 foot drop to concrete on all sides. RDX, XTN and AX Series walkie-talkies meet Military Standards for high resistance to dust, moisture, shock and vibration.



Can they be used with repeaters and base stations? Repeaters are special transmitters that provide wide area coverage (up to 50 miles). There is often a monthly fee *per walkie-talkie* to use the repeater. Motorola CLS, most RDX, XTN and DTR Series are designed for on-site use and do not work with repeaters. RDU4160d and AX models do work with repeaters (dealer programming required).

What is the warranty? Motorola Business Walkie-Talkies are covered by a 1-year replacement warranty against defects in material and workmanship from the original date of purchase.

RANGE & COVERAGE

Range is determined by several factors

- **UHF** provides the best coverage indoors and out, especially in steel and concrete structures and large industrial or multi-story buildings. A 2 watt UHF will provide better coverage inside industrial buildings than a 5 watt VHF.
- **VHF** is good for outdoor "line of sight" applications and inside wood structures
- **Power** More power provides greater coverage and penetration
- **Obstructions** Structures, metal, steel and concrete reduce range and coverage

Range and Coverage Guide		
	Industrial Buildings	Multi-Level Buildings
UHF 1 Watt	Up to 200,000 sq. ft.	Up to 10 Floors
UHF 2 Watt	Up to 250,000 sq. ft.	Up to 20 Floors
UHF 4 Watt	Up to 300,000 sq. ft.	Up to 30 Floors
DTR Digital	Up to 350,000 sq. ft.	Up to 30 Floors
VHF 1 Watt	Up to 150,000 sq. ft.	Up to 8 Floors
VHF 2 Watt	Up to 180,000 sq. ft.	Up to 10 Floors
VHF 5 Watt	Up to 250,000 sq. ft.	Up to 15 Floors

RETURN ON INVESTMENT

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

Hourly rate

Each radio pays for itself in...

Annual savings for 10 workers

\$8 per hour

59 days

\$14,000

\$12 per hour

40 days

\$21,000

\$24 per hour

20 days

\$42,000

CLS Series Compact & Lightweight

UHF 1 Watt

CLS1110, CLS1410

- 1 Watt transmit power
- 1 and 4 Channel models
- 56 Built-in user changeable UHF frequencies (12.5 KHz. channel spacing)
- Interference eliminator with 121 codes (83 digital DPL, 38 analog PL)
- LCD display with battery meter and signal strength indicator
- Audio accessory jack - Use with speaker microphone and headsets
- VOX - Voice activated transmit with select audio accessories
- Cloning capable - Quickly copy settings from unit to unit (requires #56531 6-unit charger)
- Call Alert button with 3 selectable tones
- VibraCall® - Alerts the user with vibration instead of sound (CLS1410)

INCLUDED

- Li-Ion battery, 1100 mAh, up to 12 hrs (AAA Capable emergency power)
- 3 Hour desktop charger
- Plastic swivel holster with quick release belt clip



Dimensions: 4.1"H x 2.1"W x 1.1"D , Weight w/battery 5 oz., Color: Black

Range and Coverage	Steel/Concrete Buildings	Multi-Level Buildings
UHF 1 Watt	Up to 200,000 sq. ft.	Up to 10 Floors

ACCESSORIES ON PAGE 11

Model No.	Band	Transmit Power	No. of Channels	Built-in Frequencies	Special Features	Interference Eliminator Codes	MSRP
CLS1110	UHF	1 Watt	1	56	---	121	\$169
CLS1410	UHF	1 Watt	4	56	Scan, VOX, VibraCall®	121	\$189

RDX Series Compact, Extremely Rugged & Durable

UHF 2 WATT

RDU2020, RDU2080d

- 2 Watt Transmit Power
- 2 and 8 Channel models
- 89 Built-in user changeable UHF frequencies
- Interference Eliminator with 122 Codes (83 digital DPL, 39 analog PL)
- Channel scan
- Audio accessory jack – use with headsets and speaker mic
- VOX Voice activated transmit with select audio accessories
- Voice Scramble option for added privacy and security
- Robust 2000 mw audio output, 30% louder than other models
- Speaker has low magnetic field to greatly reduce attraction of metal shavings
- Free Custom Programming Software option (requires #RKN4155 cable)
- **Meets Military Standards for high resistance to dust, moisture, shock, vibration**

RDU2080d

- LCD Display for feature selection, battery level and more
- Channel Alias – Custom name each channel for quick identification
- **Meets Military Standards for high resistance to dust, moisture, shock, vibration**

INCLUDED

- Li-Ion Battery, Standard Capacity 1100 mAh, up to 12 hrs (AA Capable emergency power)
- 7 Hour desktop charger
- Heavy duty spring action belt clip

ACCESSORIES ON PAGE 11

NEW!



Dimensions: 4.5"H x 2.2"W x 1.6"D, Weight w/Battery 8.6 oz, Color: Black

Range and Coverage	Steel/Concrete Buildings	Multi-Level Buildings
UHF 2 Watt	Up to 250,000 sq. ft.	Up to 20 Floors

Model No.	Band	Transmit Power	No. of Channels	Built-in Frequencies	Special Features	MSRP
RDU2020	UHF	2 Watt	2	89	---	\$245
RDU2080d	UHF	2 Watt	8	89	LCD with channel alias	\$290

RDX Series High Power, Extremely Rugged & Durable

UHF 4 WATT

RDU4100, RDU4160d

- 4 Watt Transmit Power
- 10 and 16 Channel models
- 89 Built-in user selectable frequencies or dealer programmable to frequencies from 438 – 470 MHz
- Interference Eliminator with 122 Codes (83 digital DPL, 39 analog PL)
- Channel scan
- Audio accessory jack – use with headsets and speaker mic
- VOX Voice activated transmit with select audio accessories
- Voice Scramble option for added privacy and security
- Robust 2000 mw audio output, 30% louder than other models
- Speaker has low magnetic field to greatly reduce attraction of metal shavings
- Free Custom Programming Software option (requires #RKN4155 cable)
- Compatible with Repeaters and Base Stations
- **Meets Military Standards for high resistance to dust, moisture, shock, vibration**

RDU4160d Special Features

- LCD Display for feature selection, battery level and more
- Channel Alias – Custom name each channel for quick identification
- **Meets Military Standards for high resistance to dust, moisture, shock, vibration**

INCLUDED

- Li-Ion Battery, Ultra Capacity 2400 mAh, up to 18.5 hrs (AA Capable emergency power)
- 12 Hour desktop charger
- Heavy duty spring action belt clip

ACCESSORIES ON PAGE 11

Model No.	Band	Transmit Power	No. of Channels	Special Features	MSRP
RDU4100	UHF	4 Watt	10	Dealer programmable to hundreds of frequencies	\$360
RDU4160d	UHF	4 Watt	16	Dealer programmable to hundreds of frequencies	\$380

NEW!



Dimensions: 4.5"H x 2.2"W x 1.8"D, Weight w/Battery 10.3 oz, Color: Black

Range and Coverage	Steel/Concrete Buildings	Multi-Level Buildings
UHF 4 Watt	Up to 300,000 sq. ft.	Up to 30 Floors

RDX Series Compact, Extremely Rugged & Durable

VHF 2 WATT

RDV2020, RDV2080d

- 2 Watt Transmit Power
- 2 and 8 Channel models
- 27 Built-in user changeable VHF frequencies
- Interference Eliminator with 122 Codes (83 digital DPL, 39 analog PL)
- Channel scan
- Audio accessory jack – use with headsets and speaker mic
- VOX Voice activated transmit with select audio accessories
- Voice Scramble option for added privacy and security
- Robust 2000 mw audio output, 30% louder than other models
- Speaker has low magnetic field to greatly reduce attraction of metal shavings
- Free Custom Programming Software option (requires #RKN4155 cable)
- **Meets Military Standards for high resistance to dust, moisture, shock, vibration**

RDV2080d

- LCD Display for feature selection, battery level and more
- Channel Alias – Custom name each channel for quick identification
- **Meets Military Standards for high resistance to dust, moisture, shock, vibration**

INCLUDED

- Li-Ion Battery, Standard Capacity 1100 mAh, up to 12 hrs (AA Capable emergency power)
- 7 Hour desktop charger
- Heavy duty spring action belt clip

ACCESSORIES ON PAGE 11

Model No.	Band	Transmit Power	No. of Channels	Built-in Frequencies	Special Features	MSRP
RDV2020	VHF	2 Watt	2	27	---	\$225
RDV2080d	VHF	2 Watt	8	27	LCD with channel alias	\$265

NEW!



Dimensions: 4.5"H x 2.2"W x 1.6"D Weight w/Battery 8.6 oz, Color: Black

Range and Coverage	Steel/Concrete Buildings	Multi-Level Buildings
VHF 2 Watt	Up to 180,000 sq. ft.	Up to 10 Floors

RDX Series Hi Power, Extremely Rugged & Durable

VHF 5 WATT

RDV5100

- 5 Watt Transmit Power
- 10 Channels
- 27 Built-in user selectable frequencies or dealer programmable to frequencies from 146 – 174 MHz
- Interference Eliminator with 122 Codes (83 digital DPL, 39 analog PL)
- Channel scan
- Audio accessory jack – use with headsets and speaker mic
- VOX Voice activated transmit with select audio accessories
- Voice Scramble option for added privacy and security
- Robust 2000 mw audio output, 30% louder than other models
- Speaker has low magnetic field to greatly reduce attraction of metal shavings
- Free Custom Programming Software option (requires #RKN4155 cable)
- **Meets Military Standards for high resistance to dust, moisture, shock, vibration**

INCLUDED

- Li-Ion Battery, Ultra Capacity 2400 mAh, up to 18.5 hrs (AA Capable emergency power)
- 12 Hour desktop charger
- Heavy duty spring action belt clip

NEW!



Dimensions: 4.5"H x 2.2"W x 1.8"D, Weight w/Battery 10.3 oz, Color: Black

Range and Coverage	Steel/Concrete Buildings	Multi-Level Buildings
VHF 5 Watt	Up to 250,000 sq. ft.	Up to 15 Floors

ACCESSORIES ON PAGE 11

Model No.	Band	Transmit Power	No. of Channels	Special Features	MSRP
RDV5100	VHF	5 Watt	10	Dealer programmable to hundreds of frequencies	\$325

DTR410 Super High Performance Communication

****Not compatible with CLS, RDX, XTN, or AX models**

DIGITAL One-to-One PRIVATE Talk

Talk Privately with specific DTR410 users

DIGITAL One-to-Many GROUP Talk

Call all DTR410 users that are set to the same channel

- Superior coverage similar to high power 4/5 watt analog models
- Up to 45% longer operation on a single battery charge
- Digital audio quality – loud and clear up to the edge of coverage
- Operates on license free 900 MHz. ISM frequencies
- Frequency Hopping Spread Spectrum for enhanced security within wireless networks
- Cloning capable - Quickly copy settings from unit to unit (requires # 53968 cloning cable)
- Up to 100 individual or group contacts
- Text Messaging - send a text message to other DTR users, use the preloaded messages or customize with your own message
- **Meets Military Standards for high resistance to dust, moisture, shock, vibration**

INCLUDED

- Li-Ion Battery, 1200 mAh, up to 14.5 hrs
- 3 Hour desktop charger
- Plastic swivel holster with quick release belt clip



Dimensions: 5.2"H x 2.3"W x 1.4"D, Weight w/battery 7.3 oz., Color: Black

Range and Coverage	Steel/Concrete Buildings	Multi-Level Buildings
DTR	Up to 350,000 sq. ft.	Up to 30 Floors

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Model No.	Band	Transmit Power*	Public Groups	Special Features	MSRP
DTR410	900 MHz.	1 Watt	Up to 25	---	\$335

Industrial Cordless Phone with Built-in Walkie-Talkie

Cordless Phone

- Answer and make phone calls around the work place
- Designed for use with multi-line phone systems - pickup specific lines, transfer calls, etc.
- Connect phone base to any analog extension port of the phone system
- Selectable outbound calling restrictions
- No monthly airtime charges
- Industrial design, excellent range and durability

Walkie-Talkie

- Talk to all workers at the press of a button
- Get information and answers immediately
- Improve customer service, productivity and teamwork
- Manage workers and operations for greater efficiency
- Works with most UHF business walkie-talkies including Motorola CLS, RDX, XU, AX, MU, GT



Handset Dimensions: 5.3"H x 2.1"W x 1.3"D
Weight w/battery 7 oz., Color: Black

Included

- Li-Ion Battery, 1100 mAh, up to 12 hrs
- 3 Hour Desktop charger for handset (independent of phone base)
- Plastic swivel holster with belt clip
- Phone base with power cord (plug into analog extension port)

Range and Coverage

will vary based on terrain and conditions

CLS1450cB Walkie-Talkie	Steel/Concrete Buildings	Multi-Level Buildings
	Up to 200,000 sq. ft.	Up to 10 Floors
CLS1450cB Cordless Phone	Up to 100,000 sq ft around phone base. For best phone range, place phone base as high as possible in the primary area where user wants coverage.	

ACCESSORIES ON PAGE 11

Cordless Phone with Built-in Walkie-Talkie with Base (Recommended for every user that wants continuous access to a phone)

Model No.	Band	Transmit Power	No. of Channels	Built-in Frequencies	Special Features	Interference Eliminator Codes	MSRP
CLS1450cB	UHF	1 Watt	4	56	Built-in 2.4 GHz Dect Cordless Phone	121	\$379

Replacement Handset (can register to your existing phone base)

Model No.	Band	Transmit Power	No. of Channels	Built-in Frequencies	Special Features	Interference Eliminator Codes	MSRP
CLS1450cH	UHF	1 Watt	4	56	Built-in 2.4 GHz Dect Cordless Phone	121	\$299

CLS1450cB Frequently Asked Questions

Q: What exactly is the CLS1450cB?

A: It is a 1-watt UHF business walkie-talkie with built in digital cordless phone. The UHF walkie-talkie portion can talk to any other UHF walkie-talkies set to the same frequency and code. The cordless phone comes with a base unit that plugs directly into the phone system, into an analog extension port.

Q: Can I use the CLS1450cB with my existing business/phone system?

A: Yes, it must connect to an *analog extension port* of the phone system. Other analog devices are fax machines and credit card swipes. If your phone system does not have available analog ports, it may require additional phone equipment and/or programming of your phone system. Your phone system vendor is the best source for this information.

Q: How many phone lines can I access?

A: If connected to a business phone system that supports "analog extensions", the CLS1450cB can access multiple lines and other system features such as answer incoming calls, pick up specific lines, pick up calls on hold, transfer calls, call other extensions, park, page, intercom, etc. System features are limited only by the phone system capability, not the CLS1450.

Q: Will the 2.4 GHz digital phone interfere with other wireless devices?

A: No. This cordless phone uses frequency hopping spread-spectrum (FHSS) technology, hopping from frequency-to-frequency across the entire 2.4 GHz ISM band every 10 milliseconds. Built-in adaptive frequency hopping avoids interference from other technologies such as WLAN devices (802.11g/b) Wireless access points, network adapters, and barcode scanners.

Q: Can I use more than one CLS1450cB handset with the cordless base unit?

A: Yes, up to four handsets may share a cordless base unit. However, only one handset can be on a phone call at any one time. Consequently, most users do not share a single base unit with multiple handsets.

Q: Why the range difference between walkie-talkie & cordless phone functions?

A: The FCC has specific frequencies for business walkie-talkie users that allow for higher power output and 3-4 times greater range than cordless phones. If the user is beyond cordless phone range, they can still communicate using the walkie-talkie. If the user wanders out of cordless phone range, they can return to their phone coverage area, to access a call.

Q: What can be done to maximize CLS1450cB cordless phone range?

A: Centrally locate the BASE unit as high as possible in the primary area where that user requires coverage. Maintain as much of a line-of-sight as possible. The handset has its own desktop charger, so the base unit does not need to be accessible for charging the handset.

Wireless Message Alert Units

- **Improve customer service**
- **Increase revenue**
- **Improve productivity**
- **Reduce operating expenses**

Customers or workers can get assistance quickly

Press the button and send your own customized message, up to 8 seconds long, to all walkie-talkie equipped workers. Ideal for unstaffed areas, gates, receiving areas, and more.

“Assistance needed at the Loading Dock”

Monitor doors, docks, gates, sales or work areas, equipment, controls, etc.

Connect to a sensor that, when activated, will send a different pre-recorded message to all walkie-talkie equipped workers. The sensor can be a contact closure device such as a switch, push button, motion sensor, infrared beam, weight sensor, etc. Great for monitoring unmanned or difficult to see areas.

Use With Your Present Business UHF / VHF Walkie-Talkies

The Wireless Message Alert uses business UHF / VHF frequencies and is compatible with most Motorola and other business Walkie-Talkies. It is low cost, completely wireless and battery powered.



Indoor Wireless Message Alert

- 8 second recordable voice message capability
- Requires 3 C batteries (not included)
- Transmit LED and message playback to alert users that message is being sent
- Also can connect to an external sensor with contact closure such as infrared beams, motion, weight, push button, bell, or other switches
- Indoor coverage up to 150,000 square feet
- Size: 6”(H) x 4.6”(W) x 2.3”(D)



<u>Model</u>	<u>Description</u>	<u>MSRP</u>
MOC4600i	UHF (56 Frequencies)	\$340

Outdoor Wireless Message Alert

- 8 second recordable voice message capability
- Covers up to 100,000 square feet
- Requires 6 AA batteries (not included)
- Also can connect to an external sensor with contact closure such as infrared beams, motion, weight, push button, bell, or other switches
- Size: 6.5”(H) x 5.5”(W) x 4.3”(D)



<u>Model</u>	<u>Description</u>	<u>MSRP</u>
RQT-150-PB	VHF, 150-165 MHz.	\$369
RQT-450-PB	UHF, 450-470 MHz.	\$369

CLS ACCESSORIES FOR CLS1110, CLS1410, CLS1450cB, VL50



CLS Li-ION BATTERY

Provides up to 12 hours of service with no memory effect. Replace every 12 months for best performance. 1100 mAh, 3.6v

MODEL	MSRP
56557/HCNN4006	\$35



CLS 6-UNIT CHARGER AND CLONER

Charge 6 radios or batteries from a single outlet. Uses 75% less electricity than 6 individual chargers. Copy settings from one radio to another. Provides central location for all radios. Wall mountable.

MODEL	MSRP
56531	\$196



CLS 3 HOUR DESKTOP CHARGER

Drop-in charger for walkie-talkie or battery. Includes AC adapter.

MODEL	MSRP
56553	\$65



CLS LEATHER CASE WITH STRAP

Adjustable strap for wearing around waist, ideal for non-pant and non-belt users. Case protects walkie-talkie.

MODEL	MSRP	For:
56519	\$30	CLS1110,1410
MR7100-SFSD	\$35	CLS1450cB



CLS1110/1410 PLASTIC HOLSTER

Replacement plastic swivel holster with belt clip comes standard with CLS Series walkie-talkies.

MODEL	MSRP
HCLN4013A	\$15



CLS1450 PLASTIC HOLSTER

Replacement plastic swivel holster with belt clip for CLS1450c.

MODEL	MSRP
HCLN4019	\$25

RDX ACCESSORIES FOR RDU, RDV, CP110



RDX STANDARD CAPACITY Li-ION BATTERY

Standard for 2 watt models, 1100 mAh, up to 12 hrs.

MODEL	MSRP
RLN6351	\$80

RDX HI CAPACITY Li-ION BATTERY

2200 mAh, up to 24 hrs for 2 watt models, 17 hrs for 4/5 watt models.

MODEL	MSRP
RLN6305	\$99

RDX ULTRA CAPACITY 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

RDX ALKALINE BATTERY FRAME

Allows use of AA batteries for emergency power, up to 26 hrs.

MODEL	MSRP
RLN6306	\$40



RDX 6 UNIT CHARGER AND CLONER

Charge 6 radios or batteries from a single outlet. Uses 75% less electricity than 6 individual chargers. Quickly copy settings from one radio to another. Provides central location for all radios.

MODEL	MSRP
RLN6309	\$275



RDX 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



RDX LEATHER SWIVEL HOLSTER

Heavy duty leather holster protects walkie-talkie. The swivel makes kneeling/bending more comfortable, and quickly releases from the stainless steel belt clip.

MODEL	MSRP
MR8461-2AP	\$35



RDX HEAVY DUTY BELT CLIP

Belt clip fits belts up to 2.5 inches wide.

MODEL	MSRP
RLN6307	\$15



RDX CLONING CABLE

Quickly copy all settings from one radio to another. Connects to the desktop charging base of each radio.

MODEL	MSRP
RLN6303	\$20



RDX USB CABLE FOR CPS CUSTOM PROGRAMMING SOFTWARE

Connects between Windows XP/2000 computers. Easily program and manage all radio settings. Free CPS software at www.motorola.com/rdx

MODEL	MSRP
RKN4155	\$50

DTR ACCESSORIES FOR DTR410



DTR STANDARD Li-ION BATTERY
Standard with DTR radio, up to 14.5 hours.
Replace every 12 months for best performance.
1200 mAh, 3.6v

MODEL	MSRP
53963	\$45



DTR HI CAPACITY Li-ION BATTERY
Up to 19 hours based on average use.
Replace every 12 months for best performance.
1500 mAh, 3.6v

MODEL	MSRP
53964	\$69



DTR410 6 UNIT CHARGER
Charge 6 radios or batteries from a single outlet.
Uses 75% less electricity than 6 individual
charger's. Provides central location for all radios.
Wall mountable.

MODEL	MSRP
53960	\$199



DTR410 LEATHER HOLSTER
Heavy duty leather swivel holster protects walkie-
talkie. Makes kneeling/bending more comfort-
able and the quick release disconnects from the
stainless steel belt clip quickly.

MODEL	MSRP
MR8400-2BS	\$35



DTR410 PLASTIC HOLSTER
Replacement plastic swivel holster that comes
standard with DTR Series walkie-talkies.

MODEL	MSRP
53961	\$15



DTR410 MINI PROGRAMMING KEYBOARD
Access optional features, update contacts and
enter commands into the radio.

MODEL	MSRP
53967	\$40



DTR410 CLONING CABLE
Quickly copy all settings from one radio to
another. Connects to the desktop charging
base of each radio.

MODEL	MSRP
53968	\$30



DTR410 SERIAL PROGRAMMING CABLE
Easily program DTR410 radios directly from your
PC. Connects the PC serial port to the DTR410.
Requires free downloadable programming soft-
ware at www.motorola.com/dtr

MODEL	MSRP
0105950U15	\$40

XTN ACCESSORIES FOR XU, XV, CP100



XTN NiMH BATTERY
Provides up to 15 hours of service with no
memory effect. Replace every 12 months for
best performance. 1500 mAh, 4.8v

MODEL	MSRP
NTN8971BR	\$36



XTN 6 UNIT CHARGER AND CLONER
Charge 6 radios or batteries from a single outlet.
Uses 75% less electricity than 6 individual charg-
ers. Copy settings from one radio to another.
Provides central location for all radios.

MODEL	MSRP
53879	\$274



XTN 10 HOUR CHARGER
Drop-in desktop charger for walkie-talkie or
battery. Also requires NNTN4077 AC adapter
or originally included with walkie-talkie.

MODEL	MSRP
53872	\$28



XTN 2 HOUR RAPID CHARGER
Drop-in rapid desktop charger for walkie-talkie
or battery. Includes AC adapter.

MODEL	MSRP
53875	\$70



XTN 10 HOUR PLUG-IN CHARGER
Replacement AC adapter originally
included with the walkie-talkie.

MODEL	MSRP
NNTN4077	\$13



XTN LEATHER SWIVEL HOLSTER
Heavy duty leather holster protects walkie-talkie.
Swivel makes kneeling/bending more comfort-
able and the quick release disconnects from the
stainless steel belt clip quickly.

MODEL	MSRP
MR7000-20S	\$35



XTN PLASTIC HOLSTER
Replacement plastic swivel holster that
comes standard with XU/XV walkie-talkies.

MODEL	MSRP
53821	\$17

AX ACCESSORIES FOR AXU, AXV, CP125, VL130



AX NiMH BATTERY

Provides up to 8 hours on high power, 11 hours on low power. Replace every 12 months for best performance. 1300 mAh 7.2v

MODEL	MSRP
PMNN4063AR	\$45



AX 2 HOUR RAPID CHARGER

Drop-in rapid desktop charger for walkie-talkie or battery. Includes AC adapter.

MODEL	MSRP
PMTN4087A	\$55



AX HEAVY DUTY BELT CLIP

Replacement 3" heavy duty spring action belt clip fits belts up to 2.5 inches wide.

MODEL	MSRP
HLN9714	\$15



AX LEATHER HOLSTER

Heavy duty leather holster protects walkie-talkie. The swivel makes kneeling/bending more comfortable, quick release disconnects from the stainless steel belt clip quickly.

MODEL	MSRP
MR8280-20S	\$35

REPLACEMENT BATTERIES & BELT CLIPS FOR OTHER MOTOROLA MODELS



NiCD RECHARGEABLE BATTERY

Replace every 12 months for best performance. 1200 mAh, 7.5v

For: • HT1000 • MT2000 • MTX800

MODEL	MSRP
NTN7143CR	\$74



NiCD RECHARGEABLE BATTERY

Replace every 12 months for best performance. 1100 mAh, 7.5v

For: • CP200 • CP150

MODEL	MSRP
NNTN4496AR	\$60



NiMH RECHARGEABLE BATTERY

Provides up to 8 hours of service. Replace every 12 months for best performance. 950 mAh, 7.5v

For: • HP Series • Radius SP50+

MODEL	MSRP
NH9044	\$45



NiCD RECHARGEABLE BATTERY

Replace every 12 months for best performance. 950 mAh, 7.5v

For: • Spirit M-Series • SP21 (HNN9056 & 53877)

MODEL	MSRP
HNN9044AR	\$38



NiCD RECHARGEABLE BATTERY

Replace every 12 months for best performance. 1200 mAh, 7.5v

For: • Radius SP50 (Tall Version only)

MODEL	MSRP
HNN9018AR	\$45



NiCD RECHARGEABLE BATTERY

Replace every 12 months for best performance. 1100 mAh, 7.5v

For: • Radius P110

MODEL	MSRP
HNN8148	\$85



NiCD RECHARGEABLE BATTERY

Replace every 12 months for best performance. 1500 mAh, 7.5v

For: • HT750 • HT1250

MODEL	MSRP
HNN9008AR	\$64



HEAVY DUTY BELT CLIP

Replacement 3.5" spring action belt clip fits belts up to 2.5 inches wide. (53868)

For: • HP Series • Spirit M-Series
• Radius SP10, SP21, SP50

MODEL	MSRP
HLN9775	\$12

HEADSETS & AUDIO ACCESSORIES

ALL ARE COMPATIBLE WITH CLS, RDX, XTN, AX, DTR, M-SERIES



SWIVEL EARPIECE WITH IN-LINE PTT
Lightweight earpiece swivels to fit over either ear. In-line Push-to-talk (PTT) activates microphone.

MODEL	MSRP
RLN6423A	\$42



EARTIP WITH IN-LINE MIC & PTT
Eartip, mic & PTT all in one wire. Discreet image, with a small comfortable eartip.

MODEL	MSRP
\$9500M	\$70



EARLOOP WITH IN-LINE PTT MIC
Lightweight earloop fits over either ear. In-line Push-to-talk (PTT) activates microphone.

MODEL	MSRP
56517	\$35



EARTIP WITH IN-LINE MIC & PTT
2 wires, one for eartip and the other for mic with PTT. Discreet image, with a small comfortable eartip.

MODEL	MSRP
V1-10180	\$99



LIGHTWEIGHT HEADSET WITH BOOM MIC
Speaker worn on left ear, wire band goes behind head. Ideal for CLS1450cB.

MODEL	MSRP
53815	\$39



EARBUD WITH IN-LINE MIC & PTT
2 wires, one for earbud and the other for mic with PTT. Discreet image, with a small earbud.

MODEL	MSRP
53866	\$61



TEMPLE HEADSET WITH MIC & PTT
Lightweight headset converts audio into sound vibrations and transmits into the inner ear. Push-to-talk button activates mic.

MODEL	MSRP
RMN5114	\$79



EARPIECE WITH MIC
Wear on either ear. Hangs over ear, secured by fitting earlobe in slot. Ideal for CLS1450cB.

MODEL	MSRP
53863	\$73



HEADSET WITH SWIVEL BOOM MIC
Speaker can be worn on either ear, plastic band goes on top of head. Rugged and durable. Ideal for CLS1450cB. Order 53865 for clam package.

MODEL	MSRP
HMN9038	\$76



DURABLE REMOTE SPEAKER MIC
Talk and listen without lifting walkie-talkie. Clips on shirt or collar. Order 53862 for clam package.

MODEL	MSRP
HMN9026	\$63



EARLOOP WITH BOOM MIC
Lightweight Earloop fits over either ear. Small boom mic provides clear audio. Use walkie PTT to activate mic. Ideal for CLS1450cB.

MODEL	MSRP
56518	\$35



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

MODEL	MSRP
ET ULTRA	\$125



EARLOOP WITH IN-LINE MIC
Lightweight Earloop fits over either ear. Use walkie PTT to activate mic. Ideal for CLS1450cB.

MODEL	MSRP
53940	\$35



DOUBLE MUFF HEADSET WITH NOISE CANCELLING BOOM MIC

MODEL	MSRP
ETMAX	\$159

DOUBLE MUFF HEADSET WITH MIC FOR HARDHAT WEARERS (NOT SHOWN)

MODEL	MSRP
ETMAXHD	\$149



Business Walkie-Talkies and Accessories



***LINK WORKERS TOGETHER
TO CREATE HIGHLY EFFECTIVE TEAM***

TALK TO ANY OR ALL WORKERS INSTANTLY

- Save Time
- Increase Productivity
- Reduce Labor Cost
- Train New Hires
- Simple to Use
- No Monthly Bills