



**CP185 Series
Two-Way Portable Radio
User's Guide**



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SAFETY

PRODUCT SAFETY AND RF EXPOSURE COMPLIANCE



Caution

Before using this product, read the operating instructions for safe usage contained in the Product Safety and RF Exposure booklet enclosed with your radio.

ATTENTION!

This radio is restricted to occupational use only to satisfy FCC RF energy exposure requirements. Before using this product, read the RF energy awareness information and operating instructions in the Product Safety and RF Exposure booklet enclosed with your radio (Motorola Publication part number 6881095C98_) to ensure compliance with RF energy exposure limits.

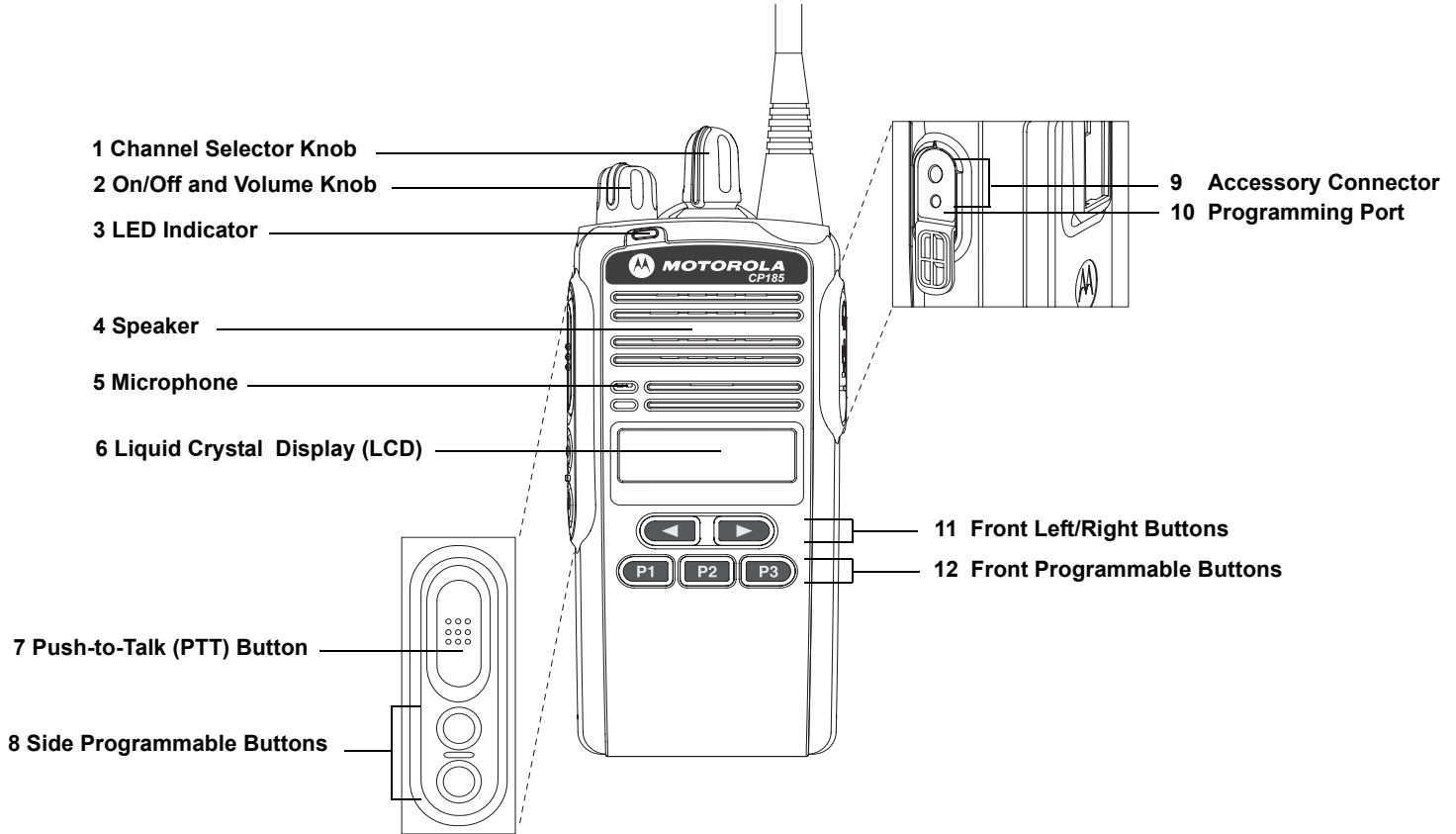
Notes:

SAFETY

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RADIO OVERVIEW



1. Channel Selector Knob

Used to select channels in normal radio operation mode.

2. On/Off and Volume Knob

Turn the **ON/OFF/Volume Control** knob clockwise to turn the radio ON.

Turn the **ON/OFF/Volume Control** knob counterclockwise to turn the radio OFF.

Turn this knob clockwise to increase the volume.

Turn this knob counterclockwise to decrease the volume.

3. LED Indicator

Indicates radio transmit, receive, scan and monitor status.

Refer to "LED Colors" on page 3 for more information.

4. Speaker

You will hear received messages through the speaker.

5. Microphone

Speak into the microphone when sending messages.

6. Liquid Crystal Display (LCD)

An 8 character single line display with up to 9 radio status icons. Refer to "LCD Display and Icons" on page 4 for more details.

7. Push-to-Talk (PTT) Button

Press and speak to microphone to send message.

Release and listen to receive messages.

Note: If a channel is programmed with the Busy Channel Lockout feature, you can only transmit on that channel if it is free.

8. Side Programmable Buttons

Refer to "Programmable Buttons" on page 5 for more details.

9. Accessory Connector

2.5 mm audio in and 3.5 mm audio out port are used to connect compatible accessories to the radio.

10. Programming Port

2.5 mm audio in (lower port) used by dealer to program the radio.

11. Front Left/Right Buttons

Used to navigate menu, sub-menu or parameter selections in front panel programming mode.

12. Front Programmable Buttons






Refer to "Programmable Buttons" on page 5 for more details.





LED COLORS

LED Color	State	Indication
Green	Illuminated	Radio is transmitting in normal mode. Radio is transmitting in scrambling mode.
	Normal Blinking	Radio is receiving in normal mode. Channel is busy. Radio passed self test during powering up.
Amber	Illuminated	Monitor activated. Permanent Sticky Monitor activated.
	Normal Blinking	Radio is in active scan mode. Radio is receiving in scrambling mode.
Red	Normal Blinking	Radio is transmitting in normal mode while battery is low. Radio is transmitting in scrambling mode while battery is low.
	Fast Blinking	Radio failed self test during powering up.

LCD Display and Icons






Displays selected channel, programming parameters, status messages and any error or information messages.

LCD Indicator	Description	Function
	Signal Strength Indicator	Shows the signal strength. More bars indicate a stronger signal received by radio.
	Power Level Indicator	"L" illuminates to indicate radio is configured to transmit in low power; "H" illuminates when radio transmits in high power.
	Talkaround Indicator	Illuminates when radio is not transmitting through the repeater.
	Monitor Indicator	Illuminates when monitoring a selected channel.
	Scan Indicator	Blinks without dot, when normal scan is activated. Illuminates without dot, when there is some activity on a non-priority channel. Illuminates with dot blinking, to indicate that there is some activity on the priority channel.

LCD Indicator	Description	Function
	Programming Mode Indicator	Illuminates when radio is in Programming Mode.
	Keypad Lock Indicator	Illuminates when keypad is locked.
	Battery Level Indicator	Shows remaining charge in battery based on how many bars (1 – 3) are displayed. Blinks when the battery is low.
	Voice Inversion Scrambling Indicator	Illuminates when scrambling is on.

Programmable Buttons

The programmable buttons consist of:

- Side Programmable Button 1 
- Side Programmable Button 2 
- Front Programmable Button 1 
- Front Programmable Button 2 
- Front Programmable Button 3 

The following functions can be assigned as short press (press and release) or long press (press and hold for more than 1 second).

Button	Function
Backlight	Toggles backlight display between ON and OFF.
Channel Alias	Toggles display between <i>Channel Number</i> and <i>Channel Alias</i> .

Button	Function
Keypad Lock	Locks or unlocks all buttons except PTT, Side Programmable Button 1, Side Programmable Button 2, Channel Selector Knob and ON/OFF/ Volume Knob.
Monitor	Monitors the channel for any activity as long as the button is pressed.
Nuisance Channel Delete	Removes unwanted channel(s) temporarily from scan list during scan.
TPL/DPL Enable	Enables or disables radio from requiring matching TPL/DPL to unscquelch.
Power Level	Selects required power level: High or Low.
Prime Channel	Quick move to the selected Prime Channel.
Reverse Burst	Select the Reverse Burst Type: None, 180 or 240.
Scan	Starts or stops channel scan.
Squelch Level	Selects desired squelch level: Normal or Tight.
Sticky Monitor	Toggles the permanent monitor function until the button is pressed again.
Talkaround/ Repeater Mode	Allows the user to toggle between repeater and talkaround mode operations.
Unassigned	No function is programmed to this button.
Scrambling Code Select	Select the scrambling code: 3.29kHz or 3.39kHz

Button	Function
Scrambling Enable/Disable	Enables or disables scrambling feature for the selected channel.
Volume Set	A programmable button used to control the audio level. The button emits a continuous tone to indicate the current volume level. To change volume level, turn the volume knob to the desired level while pressing the programmable button.
VOX	Enables or disables VOX feature for the selected channel.

The default functions assigned to your radio are described in the table below.

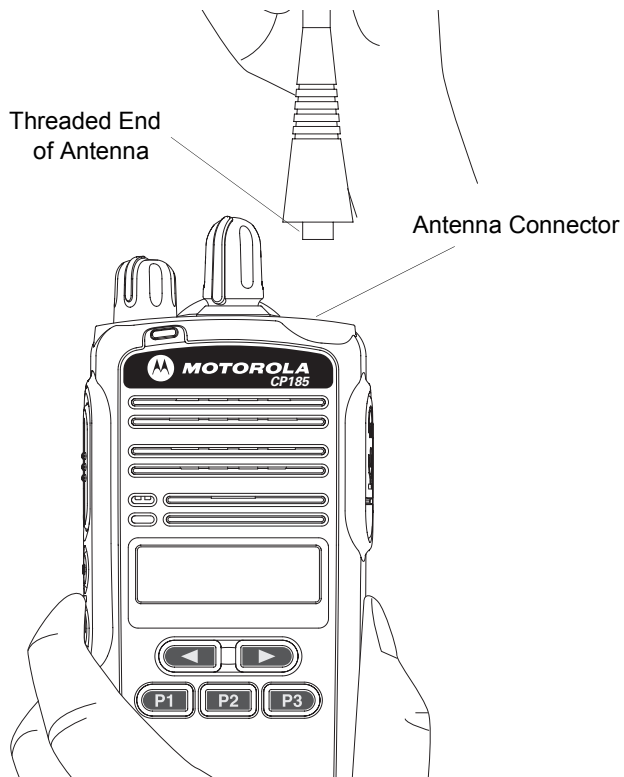
Press Type	Side Button 1	Side Button 2	Front Button 1	Front Button 2	Front Button 3
Short Press	Unassign	Unassign	Monitor	Scan	Power Level
Long Press	Unassign	Unassign	Sticky Monitor	Nuisance Channel Delete	Unassign

If your dealer has re-programmed your radio's programmable buttons, you may want to write down the new functions in the table below.

Press Type	Side Button 1	Side Button 2	Front Button 1	Front Button 2	Front Button 3
Short Press					
Long Press					

GETTING STARTED

Attaching and Removing the Antenna



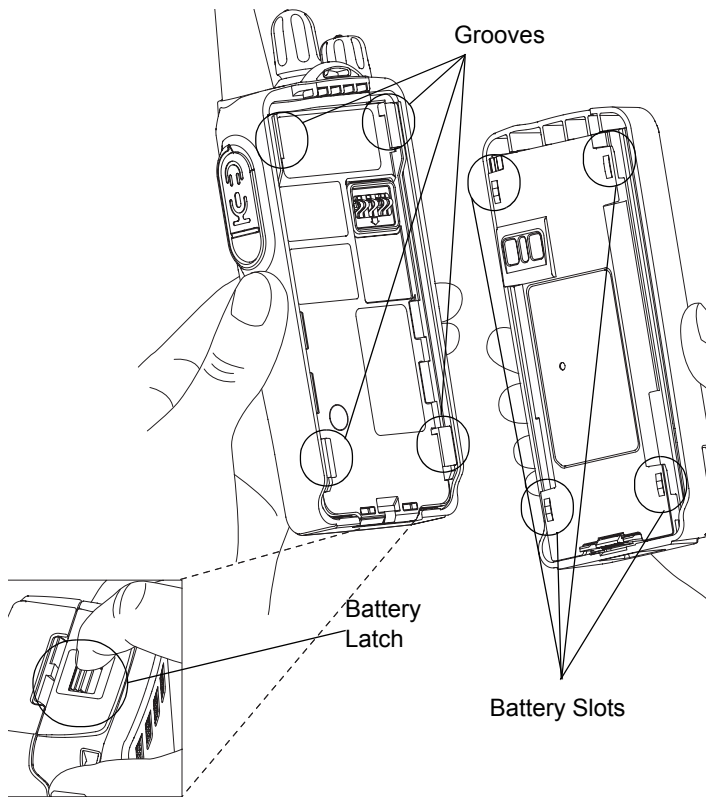
To Attach Antenna

1. Fasten the antenna to the radio by placing the threaded end of the antenna into the Antenna Connector.
2. Rotate the antenna clockwise until tight.

To Remove Antenna

1. Turn the antenna in a counter-clockwise direction until it disengages from the radio.

Attaching and Removing the Battery



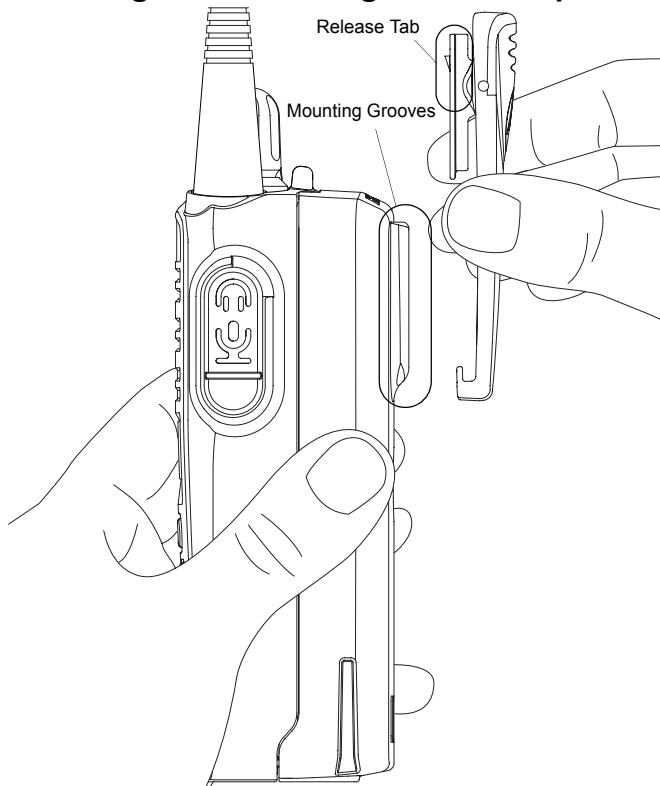
To Attach Battery

1. Fit the battery slots with the grooves on the radio.
2. Slide the battery upwards until a click is heard.

To Remove Battery

1. Slide the battery latch away from the radio.
2. Slide the battery downwards.
3. Pull the battery away from the radio.

Attaching and Removing the Belt Clip



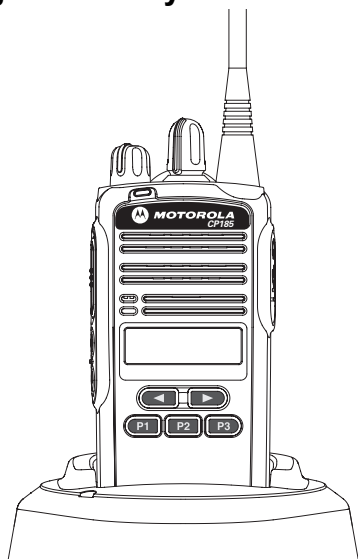
To Attach Belt Clip

1. Align mounting rails of the belt clip with the grooves of the radio.
2. Slide the belt clip downwards until it clicks into place.

To Remove Belt Clip

1. Safely insert a flat tool between the release tab and the back surface of the radio.
2. Lift the release tab.
3. Slide the belt clip upwards.

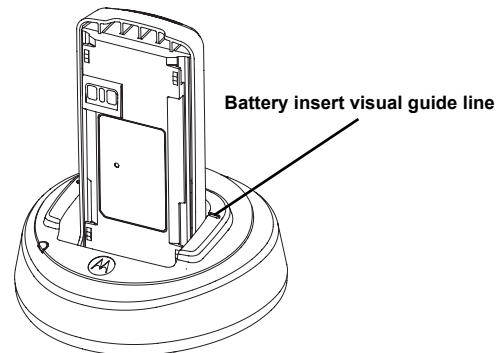
Charging the Battery



1. Make sure radio is OFF.
2. Plug the power supply into an electric outlet.
3. Connect the power supply output cord connector into the rear of the Desktop Charging Tray.,
4. The LED on the charger blinks green once to indicate charger is turned ON.

5. Turn the radio OFF before charging the battery. Insert a battery, or a radio with a battery into the charger's pocket by:
 - a) Aligning the groove on each side of the battery with the corresponding raised rail on each side of the charger pocket OR
 - b) Pressing the battery towards the rear of the pocket OR
 - c) Sliding the battery into the charger pocket, ensuring complete contact between the charger and battery contacts.
6. The charger's LED color will indicate the battery charging status. (See "Charging Status" on page 11).

Refer to picture below for the battery insert visual guide line.



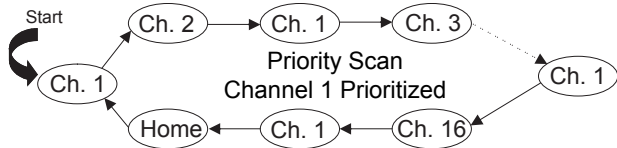
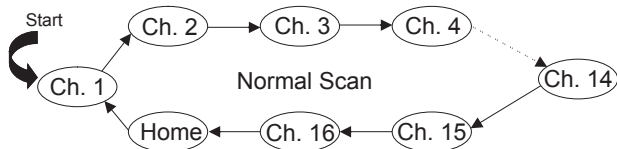
LED Color	Charging Status
Solid Red	Charging
Blinking Red	Battery Fault
Solid Green	Charge Complete
Blinking Green	Trickle Charging
Single Green Blink	Power On
Blinking Yellow	Waiting to Charge

Note: To get maximum use from a new battery, charge it overnight (12 to 16 hours) before using the battery for the first time. The typical time needed to completely charge the discharged battery is estimated within 2.5 to 5 hours depending on its cell chemistry. Once the charger LED turns solid green, the charging process is done.

SCAN

Scan allows you to monitor multiple channels and receive calls that are transmitted on them.

Two types of scan are supported: Normal Scan and Priority Scan. Normal Scan searches all channels sequentially in the radio's scan list, whereas Priority Scan allocates 50% of the scanning time to the Priority Channel (the first channel in the designated scan list).



During scan, when activity is detected that meets the unquiet condition, the radio stops scanning and switches to that channel; the Σ indicator is illuminated, and the channel number is displayed. When no activity is detected for a pre-set time, the radio resumes scanning.

If your radio has switched to a non-priority channel during priority scan, it still checks for activity on the priority channel. If activity is detected there, the radio switches to the priority channel.

The radio transmits on the Home Channel, if PTT is pressed during scanning. If the radio stops scanning, and changes to a particular channel, all transmit and receive activity is performed on that channel.

- Press the *Scan* button to begin channel scanning. The Σ indicator blinks to indicate that the radio is scanning. The LCD Screen shows the Home Channel where the scan began.
- Press *Scan* button to stop scanning.

Deleting a Nuisance Scan Channel

A channel with unwanted activity is called a Nuisance Channel. You can remove a Nuisance Channel from the scan list temporarily. To remove a Nuisance Channel

- Press the *Nuisance Channel Delete* programmable button, when your radio stops on a Nuisance Channel. A high-pitched tone is heard.

You cannot remove the *Home* or *Priority* Channel from the scan list. If attempted, a low-pitched tone is heard, and no action is taken.

To reinstate the deleted channel(s) into the scan list, restart scan, or simply turn off your radio and turn it on again.

VOICE OPERATED TRANSMIT (VOX)

When the VOX headset/microphone is connected, your radio may be used in hands-free operation.

To start the VOX feature:

1. Connect the VOX headset to the accessory connector of the radio. Make sure the radio is turned OFF before connecting the VOX accessory.
2. Turn the radio ON.

To disable the VOX feature:

1. Press the PTT button on the radio. This allows you to use the VOX headset, but you must press the radio PTT to transmit.

To re-enable the VOX feature:

1. Turn the radio OFF, and turn it ON again, with the headset connected to the accessory connector, or
2. Change channel with the VOX headset connected.

To adjust the VOX sensitivity level, see “ACCESSORY (Accessory)” on page 17 of this user guide.

VOICE INVERSION SCRAMBLING

Your radio has the Voice Inversion Scrambling feature which gives you an extra layer of privacy. This scrambling function is implemented via a frequency inversion in analog mode using two standard codes (3.29 KHz and 3.39 KHz).

To Enable and Disable the Scrambling Mode

Configure one of the programmable buttons for Scrambling Mode. Press this button to enable or disable the function. You can also configure this function via the Front Panel Programming Mode ("Front Panel Programming Mode" Menu on page 15).

To Change the Scrambling Code

Configure one of the programmable buttons for Scrambling Code. Press this button to toggle between the two codes. You can also configure this function via the Front Panel Programming Mode ("Front Panel Programming Mode" Menu on page 15).


FRONT PANEL PROGRAMMING MODE

This mode allows you to change the feature parameters to enhance the use of your radio.

Note: This feature is only supported by certain models.

Entering Front Panel Programming Mode



If your radio is turned ON, turn it OFF. Press and hold the side programmable button 1, and turn your radio ON. A tone is heard, indicating that your radio is in Programming Mode. The

 indicator illuminates and the “BCKLIGHT” is displayed on the radio LCD.

Exiting Front Panel Programming Mode

Turn the radio OFF to exit Programming Mode.

Assessing Front Panel Programming Mode Parameters

Press the  or  to scroll through the parameters for each menu or sub-menu item, or





Press the PTT button to select menu or sub-menu item, or

Press side programmable button 1 to return to previous menu level or to exit the selection parameter without change.

Main Menu	1st Level Sub-Menu	2nd Level Sub-Menu	Setting	Remarks
BCKLIGHT (Backlight)			AUTO TOGGLE	Selecting AUTO causes the backlight to automatically extinguish, if there is no keypress for more than 5 seconds. Pressing the Backlight button again prolongs illumination time. Selecting TOGGLE allows the Backlight button toggle to control the ON/OFF status of the backlight.
BATTERY	SAVER (Battery Saver)		OFF NORMAL ENHANCED	Helps to extend the battery life. When enabled, it turns off radio receiver circuitry periodically when no activity is detected. NORMAL – turns off the receiver less frequently. ENHANCED – turns off the receiver for a longer duration to maximize battery saving.
	TYPE (Battery Type)		NIMH (Nickel Metal Hydride) LI-ION (Lithium-Ion) H LI-ION (High Capacity Lithium- Ion)	Selects the type of battery that the radio uses.

Main Menu	1st Level Sub-Menu	2nd Level Sub-Menu	Setting	Remarks
ACCESSORY (Accessory)	SPK GAIN (External Speaker Gain)		+2 +1 0 -1 -2	Allows you to adjust the external speaker loudness when accessories are connected to radio. +2 will set the external speaker gain to maximum level and -2 will set the external speaker gain to minimum level.
	MIC GAIN (External Microphone Gain)		+2 +1 0 -1 -2	Allows you to adjust the external microphone sensitivity when accessories are connected to radio. +2 will set the external microphone sensitivity to maximum level and -2 will set the external microphone sensitivity to minimum level.
TONE VOL (Alert Tone Volume)			ON OFF	Selects the alert tone volume preference. Select OFF, if quiet operation is required. Select ON, if working in a noisy environment.

Main Menu	1st Level Sub-Menu	2nd Level Sub-Menu	Settings	Remarks
CHANNEL	RX PL (Receive TPL/ DPL)	CH-001 ... CH-099	CSQ (Carrier Squelch) TPL 067.0... TPL 254.1 TPL1 TPL2 TPL3 DPL 023... DPL 754	This is the TPL or DPL code that the channel will use to unsquelch the received signal. CSQ indicates that radio operates in carrier squelch mode. Press Left Arrow Button or Right Arrow Button to select the desired TPL/DPL.
	TX PL (Transmit TPL/ DPL)	CH-001 ... CH-099	CSQ (Carrier Squelch) TPL 067.0... TPL 254.1 DPL 023... DPL 754 TPL1 TPL2 TPL3	This is the TPL or DPL code that the channel will use to transmit. CSQ indicates that radio operates in carrier squelch mode. Press Left Arrow Button or Right Arrow Button to select the desired TPL/DPL.
	SQUELCH (Squelch Level)	CH-001... CH-099	NORMAL TIGHT	NORMAL squelch level allows the radio to receive weak signals. TIGHT squelch level allows the radio to receive strong signals and eliminates unwanted noise.
	TIME OUT (Time Out Timer)		OFF 010 020 ... 590 600	This determines the maximum duration (in seconds) that the radio can transmit continuously.

Main Menu	1st Level Sub-Menu	2nd Level Sub-Menu	Settings	Remarks
CHANNEL (Cont'd)	PRIME CH (Prime Channel)		OFF 001... 099	The channel that you wish to spend most of your time monitoring. The radio will always switch back to the Prime Channel if it is idle for more than the preprogrammed hang-time in other channels.
SCAN	LIST 1 (Scan List 1)	01-XXX 02-XXX ... 15-XXX 16-XXX	___ 001 ... 099	Allows you to set scan list 1 members. "XXX "denotes the selected scan list member. "___" shows that no scan list member is selected. User can use the  button or the  button to scroll the valid channel list and press PTT to set the selection.
	LIST SEL (Scan List Select)	CH-001 ... CH-099	LIST1 (Scan List 1)	Allows you to set the scan list for a selected channel.
	SCAN TYP (Scan Type Select)	CH-001 ... CH-099	NORMAL PRIORITY	Allows you to set scan type either Normal Scan or Priority Scan for a selected channel.
	PRIORITY (Priority Channel Select)	LIST1 (Scan List 1)	___ ... XXX	Allows you to set priority channel for scan list 1. XXX denotes the selected priority channel. "___" shows that no priority channel is selected. User can also use the  button or the  button to scroll the valid channel list and press PTT to set the selection.
(*) Applicable to Keypad Models only.				

Notes:

TPL AND DPL FREQUENCIES AND CODES

The following information in the tables are to guide the user to select the appropriate TPL (Tone Private Line) or DPL (Digital Private Line) codes so that they can expand usage of the frequency.

TPL Frequency

Table 1: TPL Frequency

TPL Freq (Hz)	Equivalent PL Code	Motorola Code
67.0	XZ	001
69.3	WZ	002
71.9	XA	003
74.4	WA	004
77.0	XB	005
79.7	WB	006
82.5	YZ	007
85.4	YA	008
88.5	YB	009
91.5	ZZ	010
94.8	ZA	011

Table 1: TPL Frequency

TPL Freq (Hz)	Equivalent PL Code	Motorola Code
97.4	ZB	012
100.0	1Z	013
103.5	1A	014
107.2	1B	015
110.9	2Z	016
114.8	2A	017
118.8	2B	018
123.0	3Z	019
127.3	3A	020
131.8	3B	021
136.5	4Z	022
141.3	4A	023
146.2	4B	024
151.4	5Z	025
156.7	5A	026
162.2	5B	027
167.9	6Z	028
173.8	6A	029
179.9	6B	030

Table 1: TPL Frequency

TPL Freq (Hz)	Equivalent PL Code	Motorola Code
186.2	7Z	031
192.8	7A	032
203.5	M1	033
206.5	8Z	034
210.7	M2	035
218.1	M3	036
225.7	M4	037
229.1	9Z	038
233.6*	M5	039
241.8	M6	040
250.3	M7	041
254.1*	0Z	042
TPL1*	—	TPL1
TPL2*	—	TPL2
TPL 3*	—	TPL3
<p>Note: The TPL Frequencies marked with an asterisk (*) are not part of the 39 standard EIA/TIA-603 CTCSS Code Frequency.</p>		

DPL Codes

Table 2: DPL Codes

DPL Code	Motorola Code
023	043
025	044
026	045
031	046
032	047
043	048
047	049
051	050
054	051
065	052
071	053
072	054
073	055
074	056
114	057
115	058
116	059

Table 2: DPL Codes

DPL Code	Motorola Code
125	060
131	061
132	062
134	063
143	064
152	065
155	066
156	067
162	068
165	069
172	070
174	071
205	072
223	073
226	074
243	075
244	076
245	077

Table 2: DPL Codes

DPL Code	Motorola Code
251	078
261	079
263	080
265	081
271	082
306	083
311	084
315	085
331	086
343	087
346	088
351	089
364	090
365	091
371	092
411	093
412	094
413	095

Table 2: DPL Codes

DPL Code	Motorola Code
423	096
431	097
432	098
445	099
464	100
465	101
466	102
503	103
506	104
516	105
525(*)	106
532	107
546	108
565	109
606	110
612	111
624	112
627	113

Table 2: DPL Codes

DPL Code	Motorola Code
631	114
632	115
645(*)	116
654	117
662	118
664	119
703	120
712	121
723	122
731	123
732	124
734	125
743	126
754	127
<p>Note: The codes marked with an asterisk (*) are not part of the 83 standard EIA/TIA-603 codes.</p>	

MOTOROLA LIMITED WARRANTY FOR THE UNITED STATES AND CANADA

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its telephones, pagers, and consumer and business two-way radios (excluding commercial, government or industrial radios) that operate via Family Radio Service or General Mobile Radio Service, Motorola-branded or certified accessories sold for use with these Products (“Accessories”) and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products (“Software”) to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below.

This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories and Software purchased by consumers in the United States, which are accompanied by this written warranty.

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	One (1) year from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.
Business Two-way Radio Accessories	One (1) year from the date of purchase by the first consumer purchaser of the product.
Products and Accessories that are Repaired or Replaced.	The balance of the original warranty or for ninety (90) days from the date returned to the consumer, whichever is longer.

Exclusions

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

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Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

Software

Products Covered	Length of Coverage
Software. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	Ninety (90) days from the date of purchase.

Exclusions

Software Embodied in Physical Media. No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

Software NOT Embodied in Physical Media. Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided "as is" and without warranty.

WHO IS COVERED?

This warranty extends only to the first consumer purchaser, and is not transferable.

HOW TO OBTAIN WARRANTY SERVICE OR OTHER INFORMATION?

Contact your Motorola point of purchase.

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PATENT NOTICE

This product is covered by one or more of the following United States patents.

5896277 5894292 5864752 5699006 5742484
D408396 D399821 D387758 D389158 5894592
5893027 5789098 5734975 5861850 D395882
D383745 D389827 D389139 5929825 5926514
5953640 6071640 D413022 D416252 D416893
D433001

EXPORT LAW ASSURANCES

This product is controlled under the export regulations of the United States of America. The Governments of the United States of America may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce.

Notes:

ACCESSORIES

The following accessories parts are compatible with model number CP185.

ANTENNAS	
Motorola Part Number	Description
NAD6502_R	VHF Heliflex Antenna, 146 – 174 Mhz
PMAD4049_	VHF Helical Antenna, 146 – 174 MHz
NAE6483_R	UHF Whip Antenna, 403 – 520 MHz (16.5 cm)
NAE6522_R	UHF Stubby Antenna, 438 – 470 MHz (7.5 cm)
PMAE4016_	UHF Whip Antenna, 403 – 520 MHz

BATTERIES

Motorola Part Number	Description
PMNN4080_	Li-Ion High Capacity – 2150mAh: 14hrs talktime @ 5-5-90 at High Power
PMNN4081_	Li-Ion – 1500mAh: 10hrs talktime @ 5-5-90 at High Power
PMNN4082_	NiMH – 1300mAh: 8hrs talktime @ 5-5-90 at High Power

CHARGERS AND POWER ADAPTERS

Motorola Part Number	Description
PMLN5228_	Tri-Chem Single Unit Charger Base
PMLN5398_	Single Unit Charger Base with US 2-Pin Switch Mode Power Supply
2571586S14	110V, 10.8W Linear Power Supply with North America / Latin America country plug
EPNN9288_	90 – 264V, Switch Mode Power Supply with North America /Latin America country plug

AUDIO ACCESSORIES

Motorola Part Number	Description
MAG ONE™ Branded	
PMLN4442_	Earbud with In-Line Microphone / PTT / VOX Switch (MagOne)
PMLN4443_	Ear Receiver with In-Line Microphone / PTT / VOX Switch (MagOne)
PMLN4444_	Earset with Boom Microphone and In-Line PTT/VOX Switch (MagOne)
PMLN4445_	Ultra-Light Headset with Boom Microphone and In-Line PTT/VOX Switch (MagOne)
PMMN4008_	Remote Speaker Microphone (MagOne)
MOTOROLA Branded	
HMN9013_	Lightweight Single Muff Adjustable Headset with Swivel Boom Microphone
HMN9754_	2-Piece Surveillance Kit, with Microphone and PTT Combined, Beige (2-wire – Rubber Eartip Style)
PMLN4606_	2-wire earpiece with clear acoustic tube (consisting of PMLN4605 & PMLN4294)
PMLN4620_	Receive Only D-Style Earpiece (for PMMN4013 Remote Speaker Microphone)
PMLN5001_	D-Style Earpiece with Microphone / PTT
PMLN5003_	Retail Temple Transducer Headset

AUDIO ACCESSORIES	
Motorola Part Number	Description
MOTOROLA Branded	
PMMN4001_	Earset with Microphone and PTT
PMMN4013_	Remote Speaker Microphone with Ear Jack
PMMN4029_	Remote Speaker Microphone with IP57 Rating
RLN6230_	High Noise Kit, Black (Includes Foam Earplugs with Acoustic Tube)
RLN6231_	High Noise Kit, Beige (Includes Foam Earplugs with Acoustic Tube)
RLN6232_	Low Noise Kit, Black (Includes Rubber Tip with Acoustic Tube)
RLN6241_	Low Noise Kit, Beige (Includes Rubber Tip with Acoustic Tube)
RLN6242_	Quick Disconnect Acoustic Tube
RLN4941_	Receive Only Earpiece with Translucent Tube (for PMMN4013 Remote Speaker Microphone)
WADN4190_	Receive Only Flexible Earpiece (for PMMN4013 Remote Speaker Microphone)
AARLN4885_	Receive Only Earbud (for PMMN4013 Remote Speaker Microphone)

MISCELLANEOUS	
Motorola Part Number	Description
HLN9844_	Spring Action Belt Clip (2 inch)
PMLN5334_	Protective Leather Case

Note: Certain accessories may be or may not be available at the time of purchase. For latest information on accessories, contact your Motorola point of purchase or visit: <http://www.motorola.com/governmentandenterprise>.

Notes:

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