

PROFESSIONAL DIGITAL TWO-WAY RADIO



USER GUIDE

BC300D User Guide

SEPTEMBER 2019

© 2019 Motorola Solutions, Inc. All rights reserved

MN006027A01-AA

Contents

Chapter 1: Read Me First.....	4	Removing the Universal Connector Cover.....	13
What Your Dealer/System Administrator Can Tell You.....	4	Turning the Radio On.....	14
Chapter 2: Radio Overview.....	5	Turning the Radio Off.....	14
Programmable Buttons.....	6	Adjusting the Volume.....	15
Assignable Radio Functions.....	6	Chapter 4: Time-Out Timer.....	16
LED Indications.....	7	Chapter 5: Selecting Channels.....	17
Chapter 3: Getting Started.....	8	Chapter 6: Calls.....	18
Charging the Battery.....	8	Group Calls.....	18
Attaching and Removing the Battery.....	9	Making Group Calls.....	18
Attaching the Battery.....	9	Responding to Group Calls.....	18
Removing the Battery.....	9	Private Calls	19
Attaching and Removing the Antenna.....	10	Making Private Calls.....	19
Attaching the Antenna.....	10	Responding to Private Calls.....	19
Removing the Antenna.....	11	All Calls.....	19
Attaching and Removing the Belt Clip.....	11	Making All Calls.....	20
Attaching the Belt Clip.....	11	Chapter 7: Call Alert Operation.....	21
Removing the Belt Clip.....	12	Making Call Alerts.....	21
Attaching the Universal Connector Cover.....	13	Responding to Call Alerts.....	21
		Chapter 8: Talkaround.....	22
		Toggling Between Repeater and Talkaround Modes.....	22
		Chapter 9: Monitor Feature	23

Monitoring Channels.....	23
Chapter 10: Scan.....	24
Turning Scan On or Off	24
Responding to Transmissions During Scanning.....	25
Deleting Nuisance Channels.....	25
Chapter 11: Enabling Transmission from Another Radio.....	26
Chapter 12: Disabling Transmission from Another Radio.....	27
Chapter 13: Authorized Accessories List.....	28
Legal and Compliance Statement.....	30
Copyrights.....	30
Computer Software Copyrights.....	31
Supplier's Declaration of Conformity.....	31
Important Safety Information.....	33
Notice to Users (FCC and Industry Canada).....	34

Read Me First

This user guide covers the basic operation of the two-way radio.

Your dealer or system administrator can customize your radio for your specific needs. Check with your dealer or system administrator for more information.

What Your Dealer/System Administrator Can Tell You

You can consult your dealer or system administrator about the following:

- What are the functions of each button?
- Which optional accessories may suit your needs?
- What are the best radio usage practices for effective communication?
- What maintenance procedures promote longer radio life?

Radio Overview



No.	Description
1	Antenna
2	Channel Selector Knob
3	On/Off/Volume Control Knob
4	LED Indicator
5	Push-to-Talk (PTT) Button
6	Programmable Side Button 1
7	Programmable Side Button 2
8	Microphone
9	Speaker
10	Programming Port
11	Accessory Connector

Programmable Buttons

You can program the programmable buttons as shortcuts to radio functions or preset channels or groups.

Depending on the duration of a button press, the programmable buttons function differently.

Table 1: Button Press Duration

Action	Description
Short press	Press and release for less than 1 second.
Long press	Press and hold for 4 seconds or less depending on the settings through the Customer Programming Software (CPS).

Assignable Radio Functions

You can assign a list of radio functions to the programmable buttons.

Table 2: Assignable Radio Functions

Function	Description
All Alert Tones On/Off	Allows you to toggle all tones and alerts on or off.
Battery Indicator	Allows you to indicate battery strength by using the LED Indicator.
High/Low Power	Allows you to toggle transmit power level between high and low.
Monitor	Allows you to monitor a channel.
Nuisance Delete	Allows you to temporarily remove an unwanted channel, except for the Selected Channel, from the scan list. The Selected Channel refers to the selected zone or channel combination of you from which scan is initiated.
One Touch Access	Allows you to directly initiate a predefined Private, Group Call, Call Alert, or Home Revert.

Function	Description
Repeater/Talk-around	Allows you to toggle between using a repeater and communicating directly with another radio.
Scan On/Off	Allows you to toggle scan on or off.
Tight/Normal Squelch	Allows you to toggle squelch level between tight and normal.

Indication	Status
Solid Yellow	The radio is scanning for activity.
Solid Green	The radio is receiving transmission.
Blinking Green	The radio is scanning for activity.

LED Indications

The LED Indicator shows the operational status of your radio. A qualified technician can permanently disable the LED indication by preprogramming it.

Table 3: LED Indications

Indication	Status
Solid Red	The radio is charging or transmitting.
Blinking Red	The battery capacity is low.

Getting Started

This chapter provides instructions to prepare your radio for use.

Charging the Battery

Your radio is powered by a Lithium-Ion (Li-Ion) battery.

Turn off your radio when charging.

- To comply with warranty terms and avoid damages, charge the battery using an authorized charger.



- Charge a new battery 14 to 16 hours before initial use for best performance.
Batteries charge best at room temperature.

Attaching and Removing the Battery

Attaching the Battery

- 1 Align the battery with the rails on the back of the radio.
-
- 2 Press the battery firmly, and slide it upwards until the latch snaps into place.



Removing the Battery

- 1 Turn off your radio.
-
- 2 Move the battery latch into unlock position and hold.
-
- 3 Slide the battery down and lift it off the rails.



Attaching and Removing the Antenna

Attaching the Antenna

- 1 Set the antenna in the receptacle.
- 2 Turn the antenna clockwise.



NOTICE:

Fastening the antenna blocks water and dust from entering the radio.

Removing the Antenna

- 1 Turn the antenna counterclockwise.
- 2 Remove the antenna from the receptacle.



Attaching and Removing the Belt Clip

Attaching the Belt Clip

Align the grooves on the clip with the grooves on the battery and press it downwards until it clicks.



2 Slide the clip upwards and away from the radio.



Removing the Belt Clip

- 1 To remove the clip, press the belt clip tab away from the battery.

Attaching the Universal Connector Cover

The universal connector is located beside the antenna. You can connect authorized accessories to the radio through the universal connector.

Replace the universal connector cover or dust cover when the universal connector is not in use.

- 1 Insert the slanted end of the cover into the slots above the universal connector.
 - 2 Secure the connector cover to the radio by pressing the cover inwards.
-



Removing the Universal Connector Cover

Remove the universal connector cover or dust cover by pulling the cover out.



Replace the dust cover when the universal connector is not in use.

Turning the Radio On

Rotate the **On/Off/Volume Control** knob clockwise until it clicks.

If successful, your radio shows the following indications:

- A tone sounds.



NOTICE:

If the Tones/Alerts function is disabled, there is no tone upon powering up.

- The orange LED blinks, followed by the green LED.

If your radio does not power up, check your battery. Make sure that the battery is charged and properly attached. Contact your dealer if your radio still does not power up.

Turning the Radio Off

Rotate the **On/Off/Volume Control** knob counterclockwise until it clicks.

Adjusting the Volume

To adjust the volume of your radio, perform one of the following actions:

- To increase the volume, turn the **On/Off/Volume Control** knob clockwise.
- To decrease the volume, turn the **On/Off/Volume Control** knob counterclockwise.



NOTICE:

Your radio can be programmed to have a minimum volume offset where the volume level cannot be lowered past the programmed minimum volume. Check with your dealer or system administrator for more information.

Time-Out Timer

Time-Out Timer sets a fixed duration for a transmission. Your system administrator can set the time-out time for a channel through the radio software.

Before your radio reaches the time-out time, a ten-second warning beep sounds.

When your radio reaches the time-out time, your radio stops transmitting and shows the following indications:

- A tone sounds.
- The red LED extinguishes.

To resume transmission, you must release the **PTT** button and wait for the Penalty Timer to expire.

Selecting Channels

Your radio supports up to 16 channels. Each channel can be programmed with different features that support different groups of users.

Select channels by toggling the **Channel Selector** knob.

Your radio indicates the channel number through voice announcement. If the channel is not programmed, an error tone sounds.

Calls

Depending on the type of call, you can make, receive, and respond to calls in both Conventional Analog and Digital mode.

Group Calls

Group Calls are calls from an individual radio to a group of radios. To communicate in a group, your radio must first be configured as a part of the talkgroup.

Making Group Calls

- 1 To select a channel with an active group ID, perform one of the following actions:
 - Toggle the **Channel Selector** knob.
 - Press the programmed **One Touch Access** button.

- 2 To call, press the **PTT** button.

- 3 Wait for the Talk Permit Tone to end, and speak into the microphone.

- 4 To listen, release the **PTT** button.
If your radio does not detect voice activity for a predetermined period, the call ends.
-

Responding to Group Calls

When you receive Group Calls, your radio shows the following indications:

- The green LED illuminates.
- Your radio unmutes and the incoming call sounds through the speaker.

- 1 To respond, press the **PTT** button.

- 2 Wait for the Talk Permit Tone to end, and speak into the microphone.

- 3 To listen, release the **PTT** button.

Private Calls

Private Calls are calls from an individual radio to another individual radio.

Making Private Calls

- 1 To select a channel with an active subscriber ID, perform one of the following actions:
 - Toggle the **Channel Selector** knob.
 - Press the programmed **One Touch Access** button.

- 2 To call, press the **PTT** button.

- 3 Wait for the Talk Permit Tone to end, and speak into the microphone.

- 4 To listen, release the **PTT** button.

If your radio does not detect voice activity for a predetermined period, the call ends.

Responding to Private Calls

When you receive Private Calls, your radio shows the following indications:

- The green LED illuminates.
- Your radio unmutes and the incoming call sounds through the speaker.

- 1 To respond, press the **PTT** button.

- 2 Wait for the Talk Permit Tone to end, and speak into the microphone.

- 3 To listen, release the **PTT** button.

If your radio does not detect voice activity for a predetermined period, the call ends.

All Calls

All Calls are one-way calls from an individual radio to all radios on a channel. All Calls are used for making

important announcements. The recipients on the channel cannot respond to All Calls.

When you receive All Calls, your radio shows the following indications:

- A tone sounds.
- The green LED illuminates.
- Your radio unmutes and the incoming call sounds through the speaker.

All Calls do not wait for a predetermined period before ending. You can only continue with programmed button functions after the All Call ends. If you switch to a different channel during an All Call, your radio stops receiving the call.

Making All Calls

- 1 To select a channel with an active group ID, toggle the **Channel Selector** knob.
- 2 To call, press the **PTT** button.
- 3 Wait for the Talk Permit Tone to end, and speak into the microphone.

Call Alert Operation

Call Alert paging enables you to alert a specific radio user to call you back.

Making Call Alerts

Press the programmed **One Touch Access** button.

If the call alert acknowledgment is received, a positive tone sounds.

If the call alert acknowledgment is not received, a negative tone sounds.

Responding to Call Alerts

When you receive a Call Alert, your radio shows the following indications:

- A repetitive tone sounds.
- The yellow LED blinks.

To respond, press the **PTT** button within four seconds.

Talkaround

This feature allows you to continue communicating when your repeater is non-operational, or when your radio is out of range from the repeater but within the talk range of other radios.

The talkaround setting is retained even after powering down.

Toggling Between Repeater and Talkaround Modes

Press the programmed **Repeater/Talkaround** button.

If a positive tone sounds, your radio is in talkaround mode.

If a negative tone sounds, your radio is in repeater mode.

Monitor Feature

The feature allows you to make sure that a channel is free before transmitting.

Monitoring Channels

Press the programmed **Monitor** button and hold the button to continue monitoring the channel.

If the channel is in use, your radio shows the following indications:

- You hear radio activity.
- The yellow LED illuminates.

If the monitored channel is free, your radio shows the following indications:

- You hear "white noise".
- The yellow LED illuminates.

To stop monitoring the channel, release the programmed **Monitor** button.

Scan

Your radio cycles through the programmed scan list for the current channel looking for voice activity when you start a scan.

Your radio also performs dual-mode scan. If you are on a digital channel, and your radio locks onto an analog channel, your radio automatically switches from digital mode to analog mode during the call. If you are on an analog channel, and your radio locks onto a digital channel, your radio automatically switches from analog mode to digital mode during the call.

Table 4: Scan types

Type	Description
Main Channel Scan (Manual)	Your radio scans all the channels or groups in your scan list. On entering scan, your radio may, depending on the settings, automatically start on the last scanned active channel or group, or on the

Type	Description
	channel where scan was initiated.
Auto Scan (Automatic)	Your radio automatically starts scanning when you select a channel or group that has Auto Scan enabled.

Turning Scan On or Off

Press the programmed **Scan** button.

If Scan is enabled, your radio shows the following indications:

- A positive tone sounds.
- The yellow LED blinks.

If Scan is disabled, your radio shows the following indications:

- A negative tone sounds.
- The yellow LED extinguishes.

Responding to Transmissions During Scanning

During scanning, your radio stops on a channel or group where activity is detected. The radio stays on that channel for a programmed duration known as hang time.

- 1 Press the **PTT** button.
- 2 Wait for the Talk Permit Tone to end, and speak into the microphone.
- 3 To listen, release the **PTT** button.

Deleting Nuisance Channels

If a channel continually generates unwanted calls or noise (termed a "nuisance" channel), you can temporarily remove the unwanted channel from the scan list. This capability does not apply to the channel designated as the Selected Channel.

- 1 Press the programmed **Nuisance Channel Delete** button until you hear a tone.

- 2 Release the programmed **Nuisance Channel Delete** button.

Enabling Transmission from Another Radio

- 1 Select the channel with the subscriber ID that you want to enable transmission from.
-

- 2 Short press **Side Button 1**.

Your radio shows the following indications:

- A tone sounds.
- The red LED blinks once.

The receiving radio shows the following indications:

- A tone sounds.
 - The LED extinguishes.
-

Disabling Transmission from Another Radio

- 1 Select the channel with the subscriber ID that you want to disable transmission from.
-

- 2 Short press **Side Button 2**.

Your radio shows the following indications:

- A tone sounds.
- The red LED blinks once.

The receiving radio shows the following indications:

- The Talk Prohibit Tone sounds.
 - The LED flickers.
-

Authorized Accessories List

Table 5: Antennas

Part Number	Description
PMAE4020_	Mag One, UHF, 450–470 MHz, Stubby Antenna
PMAE4104_	Mag One, UHF, 403–470 MHz, Wi-deband Antenna

Table 6: Battery

Part Number	Description
PMNN4075_	Mag One Li-Ion, 1700 mAh Battery

Table 7: Cable

Part Number	Description
PMDN4077_	Programming Cable USB

Table 8: Carry Device

Part Number	Description
RLN5644_	Belt Clip for 2 in. Belt Width

Table 9: Charger

Part Number	Description
PMPN4171_	Mag One Single-Unit Charger
PMPN4140_	Desktop Single-Unit Base Charger

Table 10: Earbuds and Earpieces

Part Number	Description
PMLN6534_	Mag One Earbud with In-Line Microphone/PTT/VOX Switch
PMLN6531_	Mag One Ear Receiver with In-Line Microphone/PTT/VOX Switch

Table 11: Headset and Headset Accessory

Part Number	Description
PMLN6542_	Mag One Ultra-Lightweight Headset with Boom Microphone and In-Line PTT Switch

Table 12: Remote Speaker Microphone

Part Number	Description
PMMN4092_	Mag One Remote Speaker Microphone

Legal and Compliance Statement

Copyrights

The Motorola Solutions products described in this document may include copyrighted Motorola Solutions computer programs. Laws in the United States and other countries preserve for Motorola Solutions certain exclusive rights for copyrighted computer programs. Accordingly, any copyrighted Motorola Solutions computer programs contained in the Motorola Solutions products described in this document may not be copied or reproduced in any manner without the express written permission of Motorola Solutions.

© 2019 Motorola Solutions, Inc. All Rights Reserved.

No part of this document may be reproduced, transmitted, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, without the prior written permission of Motorola Solutions, Inc.

Furthermore, the purchase of Motorola Solutions products shall not be deemed to grant either directly or by implication, estoppel or otherwise, any license under the

copyrights, patents or patent applications of Motorola Solutions, except for the normal non-exclusive, royalty-free license to use that arises by operation of law in the sale of a product.

Disclaimer

Please note that certain features, facilities, and capabilities described in this document may not be applicable to or licensed for use on a specific system, or may be dependent upon the characteristics of a specific subscriber unit or configuration of certain parameters. Please refer to your Motorola Solutions contact for further information.

Trademarks

MOTOROLA SOLUTIONS, the Stylized M Logo, BEARCOM, and BC300D are registered in the U.S. Patent and Trademark Office. All other products and service names are the property of their respective owners.

European Union (EU) Waste of Electrical and Electronic Equipment (WEEE) directive



■ The European Union's WEEE directive requires that products sold into EU countries must have the crossed out

trash bin label on the product (or the package in some cases).

As defined by the WEEE directive, this cross-out trash bin label means that customers and end-users in EU countries should not dispose of electronic and electrical equipment or accessories in household waste.

Customers or end-users in EU countries should contact their local equipment supplier representative or service centre for information about the waste collection system in their country.

Computer Software Copyrights

The Motorola Solutions products described in this manual may include copyrighted Motorola Solutions computer programs stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola Solutions certain exclusive rights for copyrighted computer programs including, but not limited to, the exclusive right to copy or reproduce in any form the copyrighted computer program. Accordingly, any copyrighted Motorola Solutions computer programs contained in the Motorola Solutions products described in this manual may not be copied, reproduced, modified, reverse-engineered, or distributed in any manner without the express written permission of Motorola Solutions.

Furthermore, the purchase of Motorola Solutions products shall not be deemed to grant either directly or by implication, estoppel, or otherwise, any license under the copyrights, patents or patent applications of Motorola Solutions, except for the normal non-exclusive license to use that arises by operation of law in the sale of a product.

The AMBE+2™ voice coding Technology embodied in this product is protected by intellectual property rights including patent rights, copyrights and trade secrets of Digital Voice Systems, Inc.

This voice coding Technology is licensed solely for use within this Communications Equipment. The user of this Technology is explicitly prohibited from attempting to decompile, reverse engineer, or disassemble the Object Code, or in any other way convert the Object Code into a human-readable form.

U.S. Pat. Nos. #5,870,405, #5,826,222, #5,754,974, #5,701,390, #5,715,365, #5,649,050, #5,630,011, #5,581,656, #5,517,511, #5,491,772, #5,247,579, #5,226,084 and #5,195,166.

Supplier's Declaration of Conformity

Supplier's Declaration of Conformity

Per FCC CFR 47 Part 2 Section 2.1077(a)



Responsible Party

Name: Motorola Solutions, Inc.

Address: 1303 East Algonquin Road, Schaumburg, IL
60196-1078, U.S.A.

Phone Number: 1-800-927-2744

Hereby declares that the product:

Model Name: **BC300D**

conforms to the following regulations:

FCC Part 15, subpart B, section 15.107(a), 15.107(d),
and section 15.109(a)

Class B Digital Device

As a personal computer peripheral, this device complies with Part 15 of the FCC Rules. This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- 1** This device may not cause harmful interference, and
- 2** This device must accept any interference received, including interference that may cause undesired operation.

**NOTICE:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or TV technician for help.

Important Safety Information

RF Energy Exposure and Product Safety Guide for Portable Two-Way Radios

**CAUTION:**

This radio is restricted to Occupational use only.

Before using the radio, read the RF Energy Exposure and Product Safety Guide for Portable Two-Way Radios which contains important operating instructions for safe usage and RF energy awareness and control for Compliance with applicable standards and Regulations.

Any modification to this device, not expressly authorized by Motorola Solutions, may void the user's authority to operate this device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This radio transmitter has been approved by Industry Canada to operate with Motorola Solutions-approved antenna with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

- This device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications made to this device, not expressly approved by Motorola Solutions, could void the authority of the user to operate this equipment.

Notice to Users (FCC and Industry Canada)

This device complies with Part 15 of the FCC rules and Industry Canada's license-exempt RSS's per the following conditions:

- This device may not cause harmful interference.

Déclaration de conformité du fournisseur

Déclaration de conformité du fournisseur

Règlement CFR 47 partie 2 section 2.1077(a) de la FCC



Partie responsable

Nom : Motorola Solutions, Inc.

Adresse : 1303 East Algonquin Road, Schaumburg, IL 60196-1078, É.-U.

Numéro de téléphone : 1 800 927-2744

Déclare par les présentes que le produit :

Nom du modèle : **BC300D**

est conforme aux réglementations suivantes :

Partie 15, sous-partie B, section 15.107(a), 15.107(d) et section 15.109(a) des règlements de la FCC

Appareil numérique de Classe B

En tant que périphérique d'ordinateur personnel, cet appareil est conforme aux stipulations de la partie 15 des règlements de la FCC. Cet appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. Son utilisation est assujettie aux deux conditions suivantes :

- 1 Cet appareil ne doit pas causer d'interférence nuisible; et
- 2 Cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant entraîner un fonctionnement indésirable.



AVIS:

Cet équipement a fait l'objet de tests et a été déclaré conforme aux limites établies pour un appareil numérique de classe B, conformément à la section 15 des règlements de la FCC. Ces limites sont fixées afin d'offrir une protection suffisante contre des interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et peut émettre de l'énergie de radiofréquence et, s'il n'est pas installé ou utilisé conformément aux instructions, il peut provoquer un brouillage nuisible aux communications radio. Cependant, il est impossible de garantir qu'il n'y aura aucune interférence dans une installation particulière.

Si cet appareil cause une interférence nuisible à la réception de la radio ou de la télévision, ce qui peut être déterminé en éteignant et en allumant l'appareil, vous êtes encouragé à remédier à la situation en prenant une ou plusieurs des mesures suivantes :

- Réorienter ou déplacer l'antenne réceptrice.

- Augmenter la distance entre l'équipement et le récepteur.
- Brancher l'appareil dans une autre prise sur un circuit différent de celui du récepteur.
- Consulter un revendeur ou un technicien de radio ou de télévision chevronné pour obtenir de l'aide.

Consignes de sécurité importantes

Radios bidirectionnelles portatives : exposition aux radiofréquences et sécurité du produit

ATTENTION!

Cette radio ne doit être utilisée qu'à des fins professionnelles. Avant d'utiliser la radio, lisez le guide Radios bidirectionnelles portatives : exposition aux radiofréquences et sécurité du produit, qui contient d'importantes instructions de fonctionnement pour une utilisation sécuritaire et des informations sur l'exposition aux fréquences radioélectriques, dans le but d'assurer votre conformité aux normes et règlements en vigueur.

Visitez le site Web suivant pour obtenir la liste des antennes, des batteries et des autres accessoires approuvés par Motorola Solutions :

<http://www.motorolasolutions.com>

Toute modification effectuée à cet appareil sans l'autorisation explicite de Motorola Solutions peut annuler l'autorisation d'utiliser cet appareil.

Selon la réglementation d'Industrie Canada, cet émetteur radio ne peut être utilisé qu'avec une antenne dont le type et le gain maximal (ou minimal) sont approuvés par Industrie Canada pour cet émetteur. Afin de limiter les interférences radio pour les autres utilisateurs, le type et le gain de l'antenne doivent être choisis de façon à ce que la puissance isotrope rayonnée équivalente (P.I.R.E.) ne soit pas plus forte qu'il ne le faut pour établir la communication.

Cet émetteur radio a été approuvé par Industrie Canada pour utilisation avec une antenne approuvée par Motorola Solutions offrant le gain maximal autorisé et l'impédance requise pour le type d'antenne indiqué. Il est strictement interdit d'utiliser avec cet appareil tout type d'antenne ne figurant pas dans cette liste et présentant un gain supérieur au maximum indiqué pour le type.

Avis aux utilisateurs (FCC et Industrie Canada)

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence et à la partie 15 des règlements de la FCC :

- Cet appareil ne doit pas causer d'interférence nuisible.
- Cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant entraîner un fonctionnement indésirable.
- Toute modification effectuée à cet appareil sans l'autorisation explicite de Motorola Solutions peut annuler l'autorisation d'utiliser cet appareil.