

User Manual



UHF Transceiver
DX-300

Version #1 (2023-05-30)

1. DX-300 Features

With built-in antennas, the DX-300 is simple and easy to carry with it, as it fits perfectly in the palm of your hand. Swivel belt clips minimize inconvenience and provide convenience for users to act freely when the radio is attached to the body. DX-300 provides stress-free communication through activities such as hotels, restaurants, large shops, amusement facilities, and various leisure sports.

- Digital (Tier I , II TDMA) or Analog Mode.
- 512 Channel Capacity; 1 Zones 16 (1zone = Max 16 Channels)
- Mixed Channel Operation (Analog reception in Digital mode)
- 2 / 0.5 Watt RF Power Setting
- Encryption Mode (AES256)
- Single equipment running Business Radio(DMR)/GMRS/FRS
- Channel Announcement
- Battery Remaining Announcement
- Multiple Scan Modes
- Time-Out Timer (TOT)
- Safety mode(Lone Worker)
- Emergency / Siren
- Etiquette (Vibration) Function (Option)
- Electronic volume control
- Voice recording and playback
- VOX (Voice Operated Transmit)
- Remote Radio Stun / Revive
- Built in Speaker & MIC
- 1Watt Audio output
- Swivel Belt Clip
- 2 Pin accessory connector
- Bright and vivid TFT LCD screen
- IP67 waterproof
- DC+3.7V Li-ion / 2,000Mah

2. Specification

DX-300

General

Frequency Range	DX-300 : 440 ~470 MHz
Frequency Stability	±1.5ppm
Programmable Channels	512 (1 Zones = Max16 Channels)
Channel Spacing	12.5KHz
Digital Vocoder	AMBE++ Voice Compression Algorithm
Dimensions	86mm(H) x 51.5mm(W) x 22mm(D)
Weight	100g
Power Source	DC +3.7V Li-ion 2,000mAH Battery
Current Drain (maximum)	Receive mode, rated audio out – 420 (Audio Max) Transmit mode – 1,200mA Standby mode – 100mA

Receiver

Sensitivity	0.25uV 12 dB SINAD
Squelch Sensitivity	0.22uV 10dB SINAD
Selectivity	60dB (12.5KHz)
Spurious and Harmonic Rejection	-57dBm(<1GHz), -47dBm(>1GHz)
FM Hum and Noise	40dB (12.5KHz)
Audio Output Power	1 Watt across an 8ohm load
Audio Distortion	Less than 3% at rated output
Audio Response	+1, -3 dB from 6dB per octave de-emphasis Characteristic from 300 ~ 3000Hz
Input Impedance	50 ohms

Transmitter

RF Power Output	1/0.5 Watt
Adjacent Channel Power	60dB
Spurious and Harmonic	-36dBm(<1GHz), -30dBm(>1GHz)
FM Hum and Noise	40dB (12.5KHz)
Audio Distortion	3% maximum with 1KHz modulation
Audio Frequency Response	+1, -3dB from 6dB per octave pre-emphasis Characteristic from 300 ~ 3000Hz
Output Impedance	50ohms

3. DX-300 Package Contents



Radio Unit



Swivel Belt Clip



1 Slot Charger



User Manual

Figure 3-1) DX-300 Main Package Contents

4. Control Buttons & LCD Display

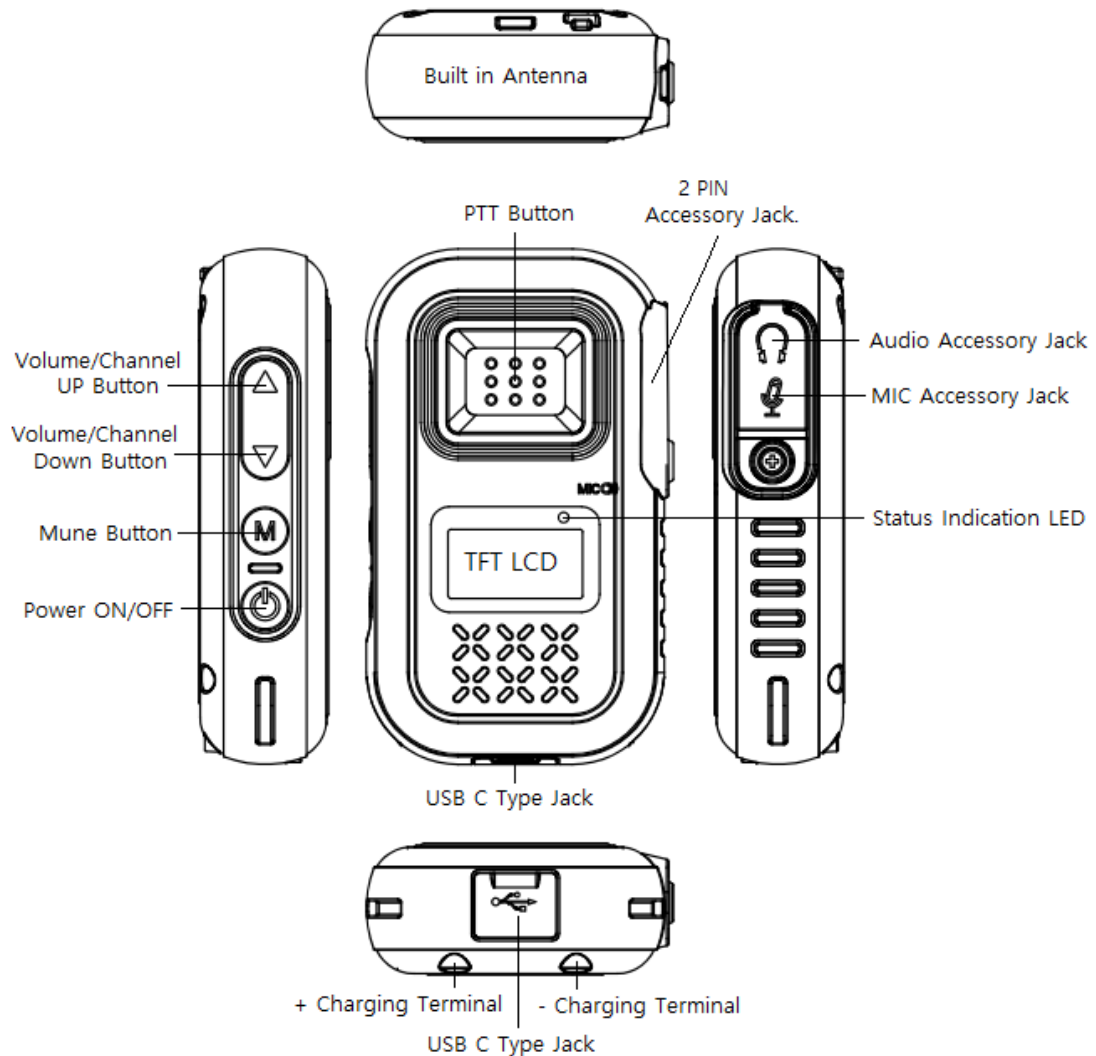


Figure 4-1) Appearance DX-300

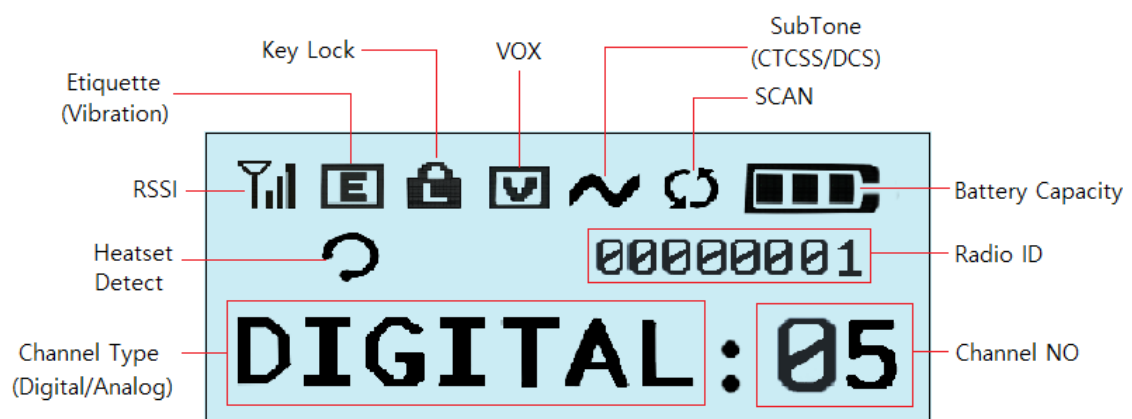


Figure 4-2) LCD Icon Explanation

5. Button and Jack Operations

Button & Jack	Operation Description
Power ON/OFF	Pressing the Power ON/OFF button will cause the MAXON logo to appear on the LCD and power on with a sound. Pressing the Power ON/OFF switch for more than 2 seconds with the Radio on will turn off the power with the "Goodbye" comment. On the menu mode, to return to the upper Menu, press the "Power On/Off" button.
PTT Button	The radio transmits voice when pressing PTT button. It receives Voice when releasing the PTT button. In order to have clear sound when transmitting, it is recommended to speak around 5~7cm away from the MIC.
Volume UP Button	If you press Volume/Channel UP Button with Radio turned on, the voice becomes louder one step at a time. Volume consists of a total of 16 steps. To select the Menu options, press the "Volume/Channel UP/down Button" to move from side to side menu.
Volume Down Button	If you press Volume/Channel Down Button with Radio turned on, the voice increases or decreases step by step. Volume consists of a total of 16 steps. To select the Menu options, press the "Volume/Channel UP/down Button" to move from side to side menu.
Menu Button	To Enter the Menu mode, press the "Menu Button". Digital mode provides three menu options such as Contacts, Record, and Settings. And Analog mode provides only the Setting option. On the menu mode, to dismiss the menu options and return to the welcome screen, press the "Menu button" for about 2 seconds.
2 Pin MIC Jack	2 Pin MIC Jack is used for : 1) the Accessory Speaker MIC 2) programming cable to set CPS Program 3) communicating with external terminals

6. Installation and Removal

6.1 Belt Clip Installation and Removal

Please refer to figure 6-1.

To attach the Swivel belt clip to DX-300, align the belt clip to the back of DX-300 as shown the figure 5-1 and push it down to direction 1. The clip will "click" when locked. To remove the belt clip, push the belt clip locking tab into direction 2 and pull the belt clip up to direction 3.

In case the user wears the DX-300 around the waist, the belt clip can turn to direction 4 or 5 to make it more convenient.

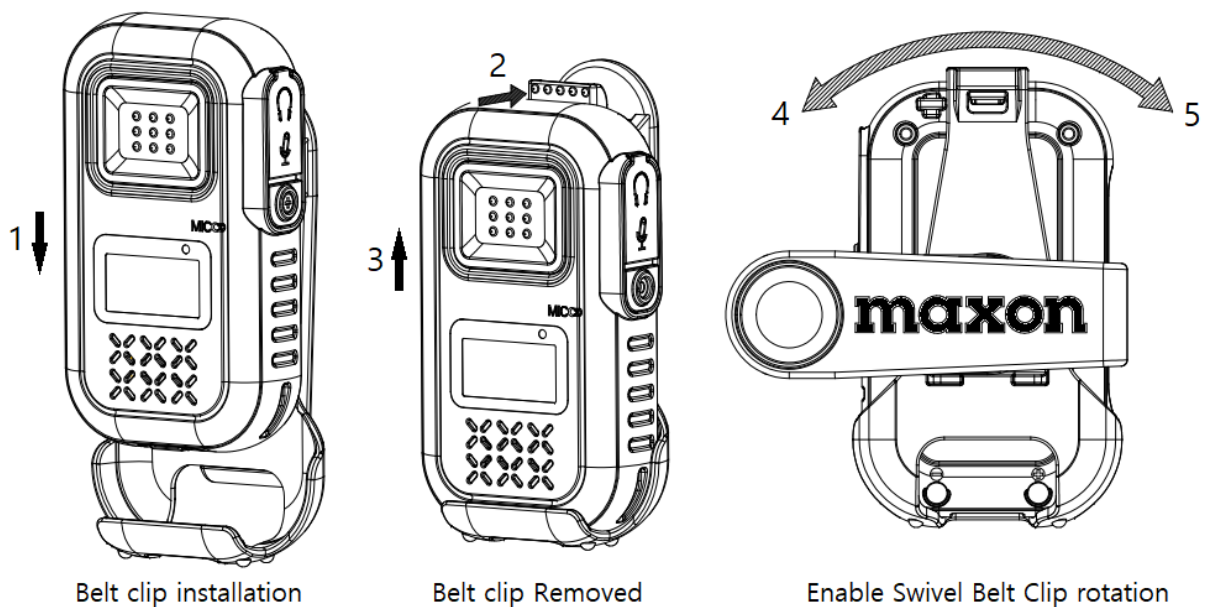


Figure 6-1) Belt Clip Installation and Removal

6.2 External Accessory Connector Jack

To connect external accessories as shown in figure 6-2, open the accessory jack cover, align the DX-300 and the accessory, and then push-in the accessory. To remove the accessory, carefully pull-out the accessory connector from the middle of the connector and close the accessory cover to re-seal the jack.



Figure 6-2) Jack for an external Accessory

7. Charging the Battery

When the DX-300 is inserted into the XC-400D charger, the LCD screen displays the state of charge and the battery Icon indicates the full charge when charging is complete.

DX-300 can be charged by a USB C-type adapter for a mobile phone.

7.1 The Time of Charging

Low battery voltage may reduce communication coverage and also degrade performance.

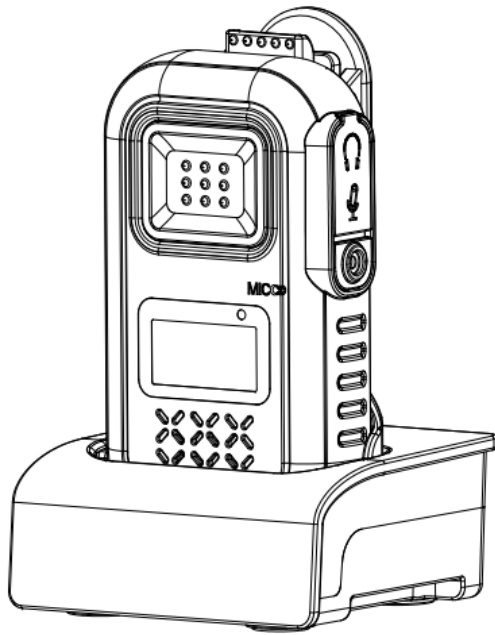
Please charge the battery in case of the following:

- 1) When the performance has been degraded.
- 2) When the battery Icon blinks indicating low battery.
- 3) When you hear the 'Warning sound' during operation.

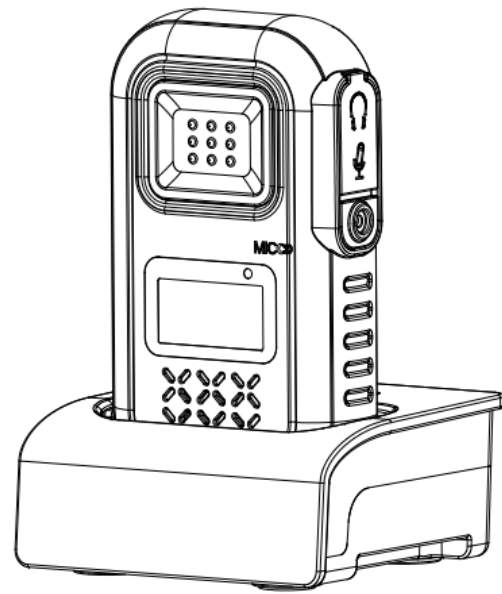
7.2 How to Charge

DX-300 can be charged with an XC-400D charger and a USB C-type adapter for mobile phones.

- 1) Charging



Swivel Belt Clip Charged With Fit



Radio charging alone

Figure 7-1) XC-400D Charger

2) Charging with USB C-Type charger

Inset a USB C-type adapter into the USB C-Type Jack.



Figure 7-2) USB C-type charger

8. DX-300 Operations

- MENU Functions

To enter the menu tree as displayed in Figure7, press the menu button.

When pressing the menu button once more while in the menu, it moves to detailed menu section of the selected one.

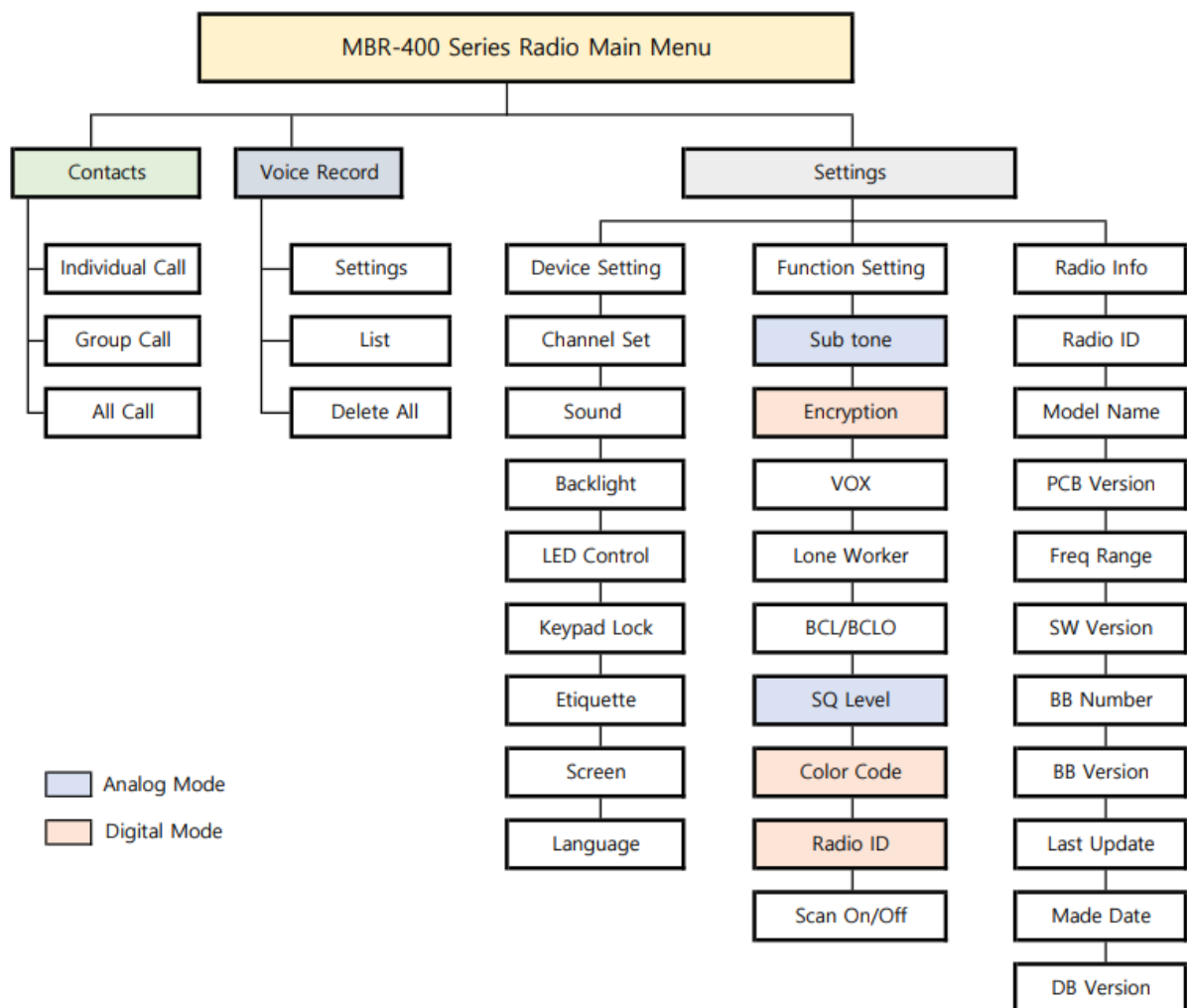


Figure 8) DX-300 Menu Tree

Note) If the menu is not operated for at least 25 seconds after launch, the radio will revert to standby mode.

1) Contact List (Digital Mode Only)

The Contact List Provides a list of individuals, groups or all calls of which you can make a direct call. The lists of contact are set within the radio by the CPS. To initiate a call, select the Contact section from the menu. Press the menu/enter button to see the list of contact, press the ▲ ▼ keys to the desired contact and press the PTT button to initiate the call. The radio will revert to the original contact/channel after a preset time as set by the CPS. When you enter in the contact menu, the applicable icon will be shown indicating the type of call.

ICON.

- : Individual Contact List

- : Group Contact List

- : All Contact List (Can be used the terminals with the same channel and color code)

2) Voice Record (Digital Mode Only)

This function is used to record the content of outgoing and incoming calls in digital mode only. There are 3 choices of Settings, Lists, and Delete All. Up to 63 conversations/recordings can be stored with each recording limited to 150 seconds. When the recordings exceed 63, the oldest message is cleared and the newest incoming message is registered,

Settings - This section allows the capability to turn the recording capability on off.

Lists – This section allows the viewing of the recorded messages and to play back each message. To play back a message, use the ▲ ▼ key to the desired message and press the menu/enter button to play the recording.

Delete all – This function provides the capability to delete stored recordings. To delete recordings, select Delete All from within the Voice Recording menu by pressing the menu/enter button, the question to delete All will appear with the word “Yes” Press the menu/enter button to delete all messages. If you choose not to delete the messages, press the return button to exit out.

3) Settings

The Settings menu provides three options as Device Setting, Function Setting, and Radio Information.

1. Device Setting: Channel , Sound , Backlight, LED , Keypad Lock, Etiquette , Screen , Language can be set up.
2. Function Setting: Analog Mode and Digital Mode provide different options. Analog mode provides SubTone and SQ level and Digital mode provides Encryption, color code, Radio ID. VOX, Lone Worker, BCL/BCLO, and Scan On/Off are provided in common for Analog and Digital.

3. The Radio Info menu provides information on the main device.

(1) Device Setting

① Channel Set

'Channel Set' allows you to select the channel to make a call. The channel can be set up through the CPS Program.

② Sound

'Sound' allows you to set up all the sounds of the device. In the volume menu, the sound can be set up as off, Soft, Medium, and Loud. In the Call Tone, the call-related sound transmitted/received can be set as On/Off.

③ Backlight

This function allows the backlight of the LCD to be turned ON/OFF and timed. The duration for the timed section is set via the PS. Contact your Authorized Dealer for further information.

④ LED Control

This function is to set the enable or disable the radio status LED. The LED status can be set via the PS.

⑤ Keypad Lock

This is function locks the keypad to prohibit the accidental press of keys and buttons. When the keypad lock is enabled, all keys/buttons are locked except the PTT button and power ON/OFF button. If any of these buttons are pushed, the keypad lock will enable again after 25 seconds from the pressing of the last button. Press the program key (by CPS) to temporarily unlock the keypad for 25 seconds.

⑥ Etiquette

This function informs you of an incoming call by vibration without making a reception sound. When you want to hear the sound of the call, press the button to hear the voice of the call. When there is no button input by the user for 30 seconds after the call, it is switched to etiquette mode (vibration mode).

⑦ Screen Setting

Screen Setting provides two settings options, Screen Type and Screen Kind. Screen Type provides four Welcome screens and Screen Kind provides two options, Bright Screen and Dark Screen for the entire color of the TFT LCD screen.

This function allows the ability to change between Screen1 for Numeric or Screen2 for Alphanumeric. The information displayed is set via the PS. Contact your Authorized Dealer for further information

⑧ Language

This function is to select the language (English or Korean) for the menus.

(2) Function Setting

① SubTone (Analog Mode Only)

SubTone functions only on the Analog Channel. The user may set three subTones of CTCSS/DCS/Reverse DCS.

② Encryption (Digital Mode Only)

It is a function to encrypt transmission and reception voice.

Voice Encryption function can be set for each channel on all digital channels.

The voice encryption code is set in the CPS program and provides 128/192/256-bit encryption

③ VOX

VOX function allow transmitting without using the PTT button.

VOX sensitivity level is adjusted from 1 to 5 with 5 being the most sensitive.

④ Lone Worker (Digital Mode Only)

This function can inform others about your safety within the time set in the menu. Contact your authorized Dealer for further information.

⑤ BCL/BCLO

This function prevent interference when the channel is busy.

-. Digital Mode Only

BCL On: If the current channel is busy, the transmission is prohibited.

-. Analog Mode

BCL On & BCLO Off: If the current channel is busy, transmitting is prohibited.

BCL On & BCLO On: Transmitting occurs when it matches the received tone.

⑥ Squelch Level (Analog Mode only)

This function allows the ability to change the squelch levels of Open, 1,2,3,4, or Tight.

⑦ Color Code (Digital Mode Only)

This functions to change the color code value on the Digital Channel. The Color Code value can be set from 0 to 15.

⑧ Radio ID (Digital Mode Only)

The Radio ID allows you to change the OWN ID value of the Radio used for Digital Channel calls.

⑨ Scan On/Off

This function provides the ability to turn scan on/off with the scan list as programmed into the radio via the PS. The ability to scan digital and analog channels are available. Contact your Authorized Dealer for further information.

(3) Radio Info

This informs all the information of the device such as Radio ID, Mode Name, PCB Version, Frequency Range, SW Version, BB Number, BB Version, Last Update, Made Date, and DB Version.

9. Precautions

9.1 Precautions for safe operation

 Caution	Don't use other manufacturer's accessories (such as rechargeable battery, adaptor, external speaker microphone and earphone, etc.). Unknown or unauthorized accessories may damage the radio and void the warranty.
 WARNING	Don't disassemble or reorganize the Radio. The disassembly or reorganization of your radio is punishable by law and can cause damage to the radio that will not be covered by the warranty.
 WARNING	Don't use frequencies you do not have a permit for.
 Caution	Avoid excessive shock to the Radio. Don't place the Radio where the direct sunlight and/or the high temperature occurs, battery damage can occur in this environment. Do not disassemble or damage the battery pack.

9.2 Do not use the radio where prohibited

The radio emits an electronic wave which may have an effect on the operation of other equipment and can also be affected by those other devices.

 WARNING	Please turn off the radio before boarding an airplane. If you want to use the radio during flight, please adhere to the aircraft's rules.
 WARNING	If using the radio in an area where medical equipment is being used, please get permission from the staff before use to prevent interference issues.
 Caution	Be careful when using your radio in a place where computers or other electronic devices are being used because the strong electronic waves from the radio can affect this equipment.

10. Safety Notes & FCC

Please make sure to read the followings above for safe and effective use of the radio.



- Please keep the Radio away at least 1 inch from the body.
- Do not touch antenna if it is damaged. Risk of skin burn can occur if the outside surface of antenna gets stripped out.
- Please be careful when putting the battery in a pocket or a bag. If you contact a conductive metal to a battery terminal, there is a heat and fire risk to your radio.
- Please don't listen to the radio at a high-volume level when using earphones. Loud volume may have a lasting bad effect on your hearing.
- It is recommended to adjust the volume step by step to the level you want after you set the radio volume of the radio at a low level.
- Please don't remove or replace or charge or discharge the battery in a hazard area where sparks could cause an electrical fire.
- Turn off the radio in areas where there is a strong electromagnetic force.

FCC statement

This device complies with Part 15 of the FCC Rules. 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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/TV technician for help.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Radiation Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 2.5cm from your body.

RF Energy Exposure Awareness and Control Information and Operational Instructions for Occupational Use

Notice: this radio is intended for use in occupational/controlled conditions where users have full knowledge of their exposure and can exercise control over their exposure to meet the occupational limits in FCC and International standards. This radio device is NOT authorized for general population consumer use.

Federal Communication Commission (FCC) Regulations

When Device is used as a consequence of employment, the FCC requires users to be fully aware of and able to control their exposure to meet occupational requirement. Exposure awareness can be facilitated by the use of a product label directing users to specific user awareness information. Your Device has a RF Exposure Product Label. Also, your Device Radio user manual includes information and operating instructions required to control your RF exposure and satisfy compliance requirements.

Compliance with RF Exposure Standards

Your Device is designed and tested to compliance with a number of national and international standards and guidelines for human exposure to radio frequency electromagnetic energy. This radio compliance with the IEEE (FCC) and ICNIRP exposure limits for occupational/controlled RF exposure environments at operating duty factors of up to 50% talk – 50% listen and is approved for occupational use only. In terms of measuring RF energy for compliance with these exposure guidelines, your radio generates measureable RF energy only while it is transmitting (during talking), not when it is receiving (listening) or in standby mode.

Your Device complies with the following RF energy exposure standards and guidelines:

- United States Federal Communications Commission (FCC), Code of Federal Regulations;
- Institute of Electrical and Electronic Engineers (IEEE) C95.1
- International Commission on Non-ionizing Radiation Protection (ICNIRP)

RF Exposure Compliance and Control Guidelines and Operating Instructions for Two-Way Radio Operations

To control your exposure and ensure compliance with the occupational/controlled environment exposure limits, always adhere to the following procedures;

- DO NOT remove the RF Exposure Label from the device
- User awareness instructions should accompany device when transferred to other users.

Operational Instructions and Training Guidelines

To ensure optimal performance and compliance with the occupational/controlled environment RF energy exposure limits in the above standards and guidelines, users should transmit no more than 50% of the time and always adhere to the following procedures;

- In front of the face, hold the radio in a vertical position with microphone (and other parts of the radio including the antenna) at least 2.5 centimeters away from the nose or lips. Keep the radio at a proper distance is important to ensure compliance.

Note: RF exposure decrease with increasing distance from the antenna.

- Body Worn Operation; when worn the body, always place the radio in an approved clip, holder, or body harness for this product.

Using approved body-worn accessories is important because the use of non-approved accessories may results in exposure levels, which exceed the occupational/controlled environment RF exposure limits

Using only approved supplied or replacement antennas, batteries, and audio accessories, use of non-approved antennas, batteries, and wired or wireless accessories may exceed the applicable RF exposure guidelines (IEEE, ICNIRP or FCC).

IC statement

English Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: 1, This device may not cause interference. 2, This device must accept any interference, including interference that may cause undesired operation of the device.

Safety Information

This equipment complies with IC radiation exposure limits set forth for an controlled exposure environment. When the talk button is pushed, it sends out radio frequency (RF) signals. The device is authorized to operate at a duty cycle not to exceed 50%.

For body-worn operation, this radio has been tested and meets the IC RF exposure guidelines when used with manufacturer accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. Use only the supplied antenna. Unauthorized antennas, modifications, or attachments could damage the transmitter and may violate FCC regulations.

To maintain compliance with RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 2.5cm from your body.

Canada Déclaration

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement." l'information sur la sécurité

ce matériel est conforme aux limites de dose d'exposition aux rayonnements énoncés pour contrôlées l'exposition environnement. quand le parler bas est poussé, il envoie des signaux radio fréquence (RF). les dispositifs est autorisée à exploiter, à une obligation de ne pas dépasser 50%. opération portés sur le corps, la radio a été testé et respecte les directives d'exposition aux IC RF utilisée avec le fabricant d'accessoires fournis ou désignés pour ce produit. utilisation d'autres accessoires ne peut s'assurer de la conformité avec les lignes directrices sur l'exposition aux radiofréquences. utiliser uniquement la fournies antenne. les modifications ou les antennes de non autorisée, pourrait nuire à l'émetteur et peuvent violer les règlements de la IC.

l'émetteur à environ 2.5cm de votre visage et parlez normalement, avec l'antenne a signalé et loin.
RF Energy Exposure Awareness and Control Information and Operational Instructions for Occupational Use

Informations sur la sensibilisation et le contrôle de l'exposition à l'énergie RF et instructions de mise en service en vue de l'utilisation professionnelle

Notice: this radio is intended for use in occupational/controlled conditions where users have full knowledge of their exposure and can exercise control over their exposure to meet the occupational limits in ISED and International standards. This radio device is NOT authorized for general population consumer use.

Avis: cette radio est destinée à être utilisée dans des conditions professionnelles / contrôlées où les utilisateurs ont une connaissance complète de leur exposition et peuvent contrôler leur exposition afin de respecter les limites professionnelles définies par la ISED et les normes internationales. Cet appareil radio N'EST PAS autorisé pour un usage grand public.

Innovation, Science and Economic Development Canada (ISED) Regulations

When Device is used as a consequence of employment, the ISED requires users to be fully aware of and able to control their exposure to meet occupational requirement. Exposure awareness can be facilitated by the use of a product label directing users to specific user awareness information. Your Device has a RF Exposure Product Label. Also, your Device user manual includes information and operating instructions required to control your RF exposure and satisfy compliance requirements.

Règlement sur l'innovation, les sciences et le développement économique Canada (ISED)

Lorsque la radio portative numérique 3W est utilisée à la suite d'un emploi, la ISED exige que les utilisateurs soient pleinement conscients de leur exposition et en mesure de contrôler leur exposition pour répondre aux exigences professionnelles. La sensibilisation à l'exposition peut être facilitée par l'utilisation d'une étiquette de produit orientant les utilisateurs vers des informations de sensibilisation spécifiques. Votre Radio portable numérique 2W a une étiquette de produit d'exposition aux RF. De plus, le manuel d'utilisation de votre radio portative Digital 3W comprend les informations et les instructions d'utilisation nécessaires pour contrôler votre exposition aux RF et satisfaire aux exigences de conformité.

Compliance with RF Exposure Standards

Your Device is designed and tested to compliance with a number of national and international standards and guidelines for human exposure to radio frequency electromagnetic energy. This radio compliance with the IEEE (ISED) and ICNIRP exposure limits for occupational/controlled RF exposure environments at operating duty factors of up to 50% talk – 50% listen and is approved for occupational use only. In terms of measuring RF energy for compliance with these exposure guidelines, your radio generates measureable RF energy only while it is transmitting (during talking), not when it is receiving (listening) or in standby mode.

Your Device complies with the following RF energy exposure standards and guidelines:
Innovation, Science and Economic Development Canada (ISED), Code of Canada Regulations;
Institute of Electrical and Electronic Engineers (IEEE) C95.1
International Commission on Non-ionizing Radiation Protection (ICNIRP)

Conformité aux normes d'exposition aux RFVotre radio portable numérique

Votre Radio portable numérique 2W est conçue et testée pour être conforme à un certain nombre de normes et directives nationales et internationales relatives à l'exposition des personnes à l'énergie électromagnétique par radiofréquences. Cette radio respecte les limites d'exposition IEEE (ISED) et ICNIRP pour les environnements d'exposition professionnels / contrôlés aux fréquences de service pouvant atteindre 50% de conversation - 50% d'écoute et est approuvé pour une utilisation professionnelle uniquement. Pour ce qui est de mesurer l'énergie RF afin de respecter ces consignes d'exposition, votre radio ne génère une énergie RF mesurable qu'en cours de transmission (en conversation), pas en réception (écoute) ou en mode veille.Votre Radio portable numérique 2W est conforme aux normes et directives relatives à l'exposition aux énergies RF suivantes:Innovation, Sciences et Développement économique Canada (ISDE), Règlement sur le Code du Canada;Institut des ingénieurs électriciens et électroniciens (IEEE) C95.1Commission internationale de protection contre les radiations non ionisantes (ICNIRP)

RF Exposure Compliance and Control Guidelines and Operating Instructions for Two-Way Radio Operations

To control your exposure and ensure compliance with the occupational/controlled environment exposure limits, always adhere to the following procedures;

DO NOT remove the RF Exposure Label from the device

User awareness instructions should accompany device when transferred to other users.

Directives de conformité et de contrôle de l'exposition aux RF et instructions d'utilisation pour les opérations radio bidirectionnellesPour

contrôler votre exposition et garantir le respect des limites d'exposition professionnelle / en environnement contrôlé, respectez toujours les procédures suivantes.NE PAS retirer l'étiquette d'exposition aux RF de l'appareilLes instructions de sensibilisation des utilisateurs doivent accompagner l'appareil lors de son transfert à d'autres utilisateurs.

Operational Instructions and Training Guidelines

To ensure optimal performance and compliance with the occupational/controlled environment RF energy exposure limits in the above standards and guidelines, users should transmit no more than 50% of the time and always adhere to the following procedures;

In front of the face, hold the radio in a vertical position with microphone (and other parts of the radio including the antenna) at least 2.5cm away from the nose or lips. Keep the radio at a proper distance is important to ensure compliance.

Note: RF exposure decrease with increasing distance from the antenna.

Body Worn Operation; when worn the body, always place the radio in an approved clip, holder, or body harness for this product.

Using approved body-worn accessories is important because the use of non-approved accessories may results in exposure levels, which exceed the occupational/controlled environment RF exposure limits

Using only approved supplied or replacement antennas, batteries, and audio accessories, use of non-approved antennas, batteries, and wired or wireless accessories may exceed the applicable RF exposure guidelines (IEEE, ICNIRP or ISSED).

Instructions opérationnelles et directives de formation

Pour garantir des performances optimales et le respect des limites d'exposition aux énergies RF définies dans les normes et directives susmentionnées, les utilisateurs ne doivent pas transmettre plus de 50% du temps et se conformer systématiquement aux procédures suivantes. En face du visage, tenez la radio en position verticale avec le microphone (et les autres éléments de la radio, y compris l'antenne) à au moins 2.5 cm du nez ou des lèvres. Maintenir la radio à une distance appropriée est important pour assurer la conformité. Remarque: l'exposition aux RF diminue avec l'augmentation de la distance par rapport à l'antenne. Opération portée sur le corps; Lorsque vous portez la carrosserie, placez toujours la radio dans un clip, un support ou un harnais approuvé pour ce produit. L'utilisation d'accessoires approuvés pour le port du corps est importante car l'utilisation d'accessoires non approuvés peut entraîner des niveaux d'exposition supérieurs aux limites d'exposition RF des environnements professionnels / contrôlés. Si vous utilisez uniquement des antennes, des batteries et des accessoires audio approuvés ou de remplacement fournis, l'utilisation d'antennes, de batteries et d'accessoires câblés ou sans fil non approuvés peut dépasser les consignes d'exposition RF applicables (IEEE, ICNIRP ou ISSED). Instructions opérationnelles et directives de formation