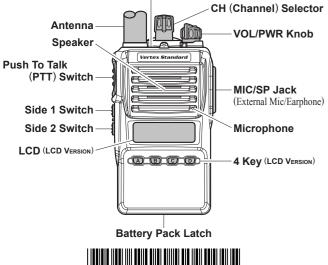
S Vertex Standard

VX-350 SERIES **OPERATING MANUAL**

CONTROLS & CONNECTORS

LED INDICATOR

Glows Green	Monitor on (or Side 1 or 2 switch is activated: Non-LCD version)				
Blinking Green	Busy Channel (or SQL off)				
Glows Red	Transmitting				
Blinking Red	Battery Voltage is Low				
Yellow	Receiving a Selective Call				





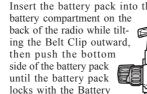
Vertex Standard LMR, Inc.

Accessories & Options						
FNB-V96LIA	7.4 V, 2300 mAh Li-Ion Battery Pack					
FNB-V130LI-UNI	7.4 V, 2300 mAh Li-Ion Battery Pack					
VAC-300	Desktop Rapid Charger Set					
	(CD-34+PA-42, for FNB-V96LI)					
VAC-UNI	Desktop Rapid Charger Set					
	(CD-58+PA-55, for FNB-V130LI-UNI)					
VAC-6300	6-unit Multi Charger (for FNB-V96LI)					
VAC-6058	6-unit Multi Charger (for FNB-V130LI-UNI)					
CD-58	Desktop Charger (for FNB-V130LI-UNI)					
PA-55	AC Adapter (for CD-58)					
MH-37A4B	Earpiece/Microphone					
MH-45B4B	Speaker/Microphone					
MH-360S	Speaker/Microphone					
MH-450S	Speaker/Microphone					
VCM-2	Vehicle Charger Mount Adapter (for VAC-300)					
FVP-25	Encryption/DTMF pager Unit					
FVP-35	Rolling Code Encryption Unit					
FVP-36	Voice Inversion Encryption Unit					
VME-100	MDC1200®/GE-Star® ANI Encoder Unit					
ATU-6A	Rubber Antenna 400-430 MHz					
ATU-6B	Rubber Antenna 420-450 MHz					
ATU-6C	Rubber Antenna 440-470 MHz					
ATU-6D	Rubber Antenna 450-485 MHz					
ATU-6F	Rubber Antenna 485-520 MHz					
ATV-6XL	Rubber Antenna 134-174 MHz (Untuned)					
ATV-8A	Rubber Antenna 134-151 MHz					
ATV-8B	Rubber Antenna 150-163 MHz					
ATV-8C	Rubber Antenna 161-174 MHz					
CLIP-17E	Swivel Belt Clip					
CLIP-18	Belt Clip					
LCC-350	Leather Case					
CE86	Programming Software					
FIF-12	USB Programming Interface					
CT-27	Radio to Radio Programming Cable					
CT-106	PC Programming Cable (for FIF-12)					

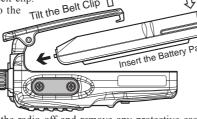


BATTERY PACK INSTALLATION AND REMOVAL

□ To install the battery, hold the transceiver with your Push the bottom side left hand, so your palm is over the speaker and your of the Battery Pack Insert the battery pack into the Tilt the Belt Clip T IJ



Pack Latch



□ To remove the battery, turn the radio off and remove any protective cases. Slide the Battery Pack Latch on the bottom of the radio, then slide the battery downward and out from the radio while holding the Belt Clip.

Caution! Do not attempt to open any of the rechargeable Lithium-Ion packs, as

they could explode if accidentally short-circuited.

LOW BATTERY INDICATION

As the battery discharges during use, the voltage gradually becomes lower. When the battery voltage becomes to low, substitute a freshly charged battery and recharge the depleted pack. When the battery voltage is low, the LED indicator on the top of the radio will blink *red* and "Battery Indicator" on the LCD will blink on the LCD version. Furthermore, if your Dealer sets the "Low Battery Alert" feature into the transceiver, an alert beeper will sound when the battery voltage is low.

IMPORTANT NOTICE

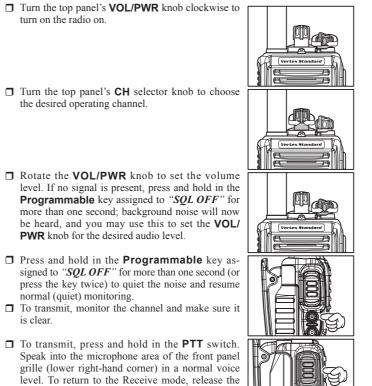
- Please follow these cautions to prevent hearing damage Always adjust the audio level of the transceiver to the minimum before connecting the Earniece/Headset to the transceiver
- Use the Earpiece/Headset at as low a volume as possible for existing conditions
- Slowly adjust the VOL/PWR knob when increasing the audio level.

PRELIMINARY STEPS

- Install a charged battery pack onto the transceiver, as described previously. □ Screw the supplied antenna onto the Antenna jack. Never attempt to operate this transceiver without an antenna connected
- □ If you have a Speaker/Microphone, we recommend that it not be connected until you are familiar with the basic operation of the VX-350.

OPERATION QUICK START

turn on the radio on



PTT switch. Do not transmit the radio without an antenna connected.

WARNING! FCC RF EXPOSURE REQUIREMENTS

is clear

This Radio has been tested and complies with the Federal Communications Commission (FCC) RF exposure limits for Occupational Use/Controlled exposure environment. In addition, it complies with the following Standards and Guidelines:

- □ FCC 96-326, Guidelines for Evaluating the Environmental Effects of Radio-Frequency Radiation
- □ FCC OET Bulletin 65 Edition 97-01 (1997) Supplement C, Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields.
- □ ANSI/IEEE C95.1-1992, IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3kHz to 300 GHz.

□ ANSI/IEEE C95.3-1992, IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields-RF and Microwave

WARNING: This radio generates RF electromagnetic energy during transmit mode. This radio is designed for and classified as Occupational Use Only, meaning it must be used only during the course of employment by individu-

als aware of the hazards, and the ways to minimize such hazards. This radio is not intended for use by the *General Population* in an uncontrolled environment.

CAUTION: To ensure that your expose to RF electromagnetic energy is within the FCC allowable limits for occupational use, always adhere to the following guidelines:

- O Please read this manual carefully to become familiar with the features
- of this transceiver.
- **O** Do not transmit the radio without an antenna connected.
- O This radio is NOT approved for use by the general population in an uncontrolled environment. This radio is restricted to occupational use. work related operations only where the radio operator must have the knowledge to control its RF exposure conditions.
- O When transmitting, hold the radio in a vertical position with its microphone 1 to 2 inches (2.5 to 5 cm) away from your mouth and keep the antenna at least 1 inch (2.5cm) away from your head and body.

O The radio must be used with a maximum operating duty cycle not exceeding 50 %, in typical Push-to-Talk (PTT) configurations. DO NOT transmit for more than 50 % of total radio use time (50 % duty cycle). Transmitting more than 50 % of the time can cause FCC RF exposure compliance requirements to be exceeded.

To keep the Body Worn configuration with the Vertex Standard CLIP-18 belt-clip, reduce the maximum operating duty cycle still more. The radio is transmitting when the red LED on the top of the radio is illuminated. You can cause the radio to transmit by pressing the PTT button.

- O When operate the radio with the Vertex Standard CLIP-18 belt-clip, make the transmission time as short as possible, to keep the Body Worn configuration.
- O Always use the FNB-V96LIA or FNB-V130LI-UNI Lithium-Ion Battery.
- O Perform the battery charging where the ambient temperature range +10 °C to +40 °C. Charge out of this range could cause damage to the battery pack.
- O Battery Pack shall not be exposed to excessive heat such as sunshine, fire or the like.
- O Always use Vertex Standard authorized accessories.
- Vertex Standard shall not be liable for any damage or accidents such as fire, leakage or explosion of batteries, etc., caused by the malfunction of non-Vertex Standard accessories.

The information listed above provides the user with the information needed to make him or her aware of RF exposure, and what to do to assure that this radio operates with the FCC RF exposure limits of this radio.

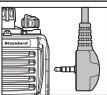
Electromagnetic Interference/Compatibility

During transmissions, this radio generates RF energy that can possibly cause interference with other devices or systems. To avoid such interference, turn off the radio in areas where signs are posted to do so. Do not operate the transmitter in areas that are sensitive to electromagnetic radiation such as hospitals, health care facilities, aircraft, and blasting sites.

FCC License Information

This radio operates on communications frequencies which are subject to FCC (Federal Communications Commission) Rules and Regulations. FCC Rules require that all operators using Private Land Mobile radio frequencies obtain a radio license before operating their equipment.

□ If a Speaker/Microphone is available, remove the plastic cap and its two mounting screws from the right side of the transceiver, then insert the plug from the Speaker/Microphone into the MIC/SP jack; secure the plug using the screws supplied with the Speaker/Microphone. Hold the speaker grille up next to your ear while receiving. To transmit, press the PTT switch on the Speaker/Micro-



phone, just as you would on the main transceiver's body

Note: Save the original plastic cap and its mounting screws. They should be re-installed when not using the Speaker/Microphone.

WARNING! IC RSS GENERAL REQUIREMENT

ENGLISH

- 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 (identify the device by certification number, or model number if Category II) has been approved by Industry Canada to operate with the antenna types listed at the right 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

VHF MODEL	UHF MODEL
ATV-8A: 2.15 dBi, 50 Ω	ATU-6A: 2.15 dBi, 50 Ω
ATV-8B: 2.15 dBi, 50 Ω	ATU-6B: 2.15 dBi, 50 Ω
ATV-8C: 2.15 dBi, 50 Ω	ATU-6C: 2.15 dBi, 50 Ω
ATV-6XL: 2.15 dBi, 50 Ω	ATU-6F: 2.15 dBi, 50 Ω

- □ When transmitting, hold the radio in a vertical position with its microphone 2 inches (5 cm) away from your mouth and keep the antenna at least 2 inches (5 cm) away from your head and body.
- □ The radio must be used with a maximum operating duty cycle not exceeding 50%, in typical Push-to-Talk configurations.

DO NOT transmit for more than 50% of total radio use time (50% duty cycle). Transmitting more than 50% of the time can cause IC RSS General Requirement to be exceeded. To keep the Body Worn configuration with the Vertex Standard CLIP-18 belt-clip, reduce the maximum operating duty cycle still more.

The radio is transmitting when the red LED on the top of the radio is illuminated. You can cause the radio to transmit by pressing the P-T-T button.

- □ SAR compliance for body-worn use was only demonstrated for the specific belt-clip (CLIP-18). Other body-worn accessories or configurations may NOT comply with the IC RSS General Requirement and should be avoided.
- □ When operate the radio with the Vertex Standard CLIP-18 belt-clip, make the transmission time as short as possible, to keep the Body Worn configuration.

FRENCH

- Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée quivalente (p.i.r.e.) ne dépassepas l'intensité nécessaire à l'établissement d'une communication satisfaisante.
- Le présent émetteur radio (identifier le dispositif par son numéro de certification ou son numéro de modèle s'il fait partie du matériel de catégorie I) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés dans le droit et avant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste,

ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

VHF MODÈLE	UHF MODÈLE
ATV-8A: 2.15 dBi, 50 Ω	ATU-6A: 2.15 dBi, 50 Ω
ATV-8B: 2.15 dBi, 50 Ω	ATU-6B: 2.15 dBi, 50 Ω
ATV-8C: 2.15 dBi, 50 Ω	ATU-6C: 2.15 dBi, 50 Ω
ATV-6XL: 2.15 dBi, 50 Ω	ATU-6F: 2.15 dBi, 50 Ω

- Pour émettre, tenez votre radio verticalement en plaçant le microphone entre 2,5 et 5 cm de la bouche. L'antenne doit toujours être à plus de 2.5 cm de votre tête.
- □ Le temps total d'émission de la radio ne doit pas dépasser 50% du temps de fonctionnement dans une configuration normale avec alternat. Par conséquent, vous ne devez PAS émettre pendant plus de 50% du temps total d'utilisation de la radio. Si cette règle n'est pas respectée, vous vous exposez à un dépassement de l'exposition aux fréquences électromagnétiques telle que définie par la norme de sécurité. La radio émet lorsque le voyant LED rouge (situé au sommet de la radio) est allumé. Vous pouvez déclencher l'émission en appuyant sur le bouton Alternat ou avec un micro-casque VOX, si la radio permet d'utiliser cet accessoire.
- □ La conformité SAR pour utilisation sur le corps n'a été confirmée que pour l'attache ceinture de nomenclature CLIP-18. L'utilisation de tout autre accessoire pour port sur le corps PEUT être non conforme aux normes d'exposition aux radio-fréquences et doit donc être évitée.
- □ N'opérez pas votre radio en mode d'émission lorsque vous la portez fixée sur le corps à l'aide de l'accessoire suivant : CLIP-18 attache ceinture.

KEY FUNCTIONS

All versions of the VX-350 provide [Side 1] and [Side 2] keys. The LCD version of the VX-350 provide [A], [B], [C], and [D] function keys. These "Programmable" keys functions can be customized (set to other functions), via programming by your VERTEX STANDARD dealer, to meet your communications/ network requirements. Some features may require the purchase and installation of optional internal accessories. The possible **Programmable** key features are illustrated below, and their functions are explained in the next chapter. For further details, contact your **VERTEX STANDARD** dealer.

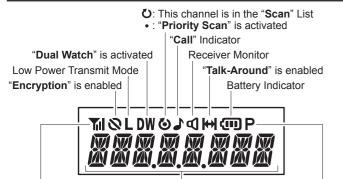
For future reference, check the box next to each function that has been assigned to the **Programmable** key on your particular radio, and keep it handy.

-	PROGRAMMABLE KEY (PRESS/PRESS & HOLD)					
FUNCTION	[A]	[B]	[C]	[D]	[Side 1]	[Side 2]
None	/	/	/	/	/	/
Mon (Monitor)	/	/	/	/	/	/
Lamp*1	/	/	/	/	/	/
Scan	/	/	/	/	/	/
DW (Dual Watch)	/	/	/	/	/	/
Low Power	/	/	/	/	/	/
TA (Talk Around)	/	/	/	/	/	/
TX Save Disable	/	/	/	/	/	/
Encryption ^{*2}	/	/	/	/	/	/
CH Up ^{×1}	/	/	/	/	/	/
CH Down ^{*1}	/	/	/	/	/	/
Call	/	/	/	/	/	/
Reset	/	/	/	/	/	/
Call 2	/	/	/	/	/	/
Call 3	/	/	/	/	/	/
Code Up*1	/	/	/	/	/	/
Code Down ^{*1}	/	/	/	/	/	/
Code Set*1	/	/	/	/	/	/
Speed Dial*1	/	/	/	/	/	/
Emergency	/	/	/	-/	/	-/
Option Switch 1 ^{×3}	/	/	/	/	/	/
Option Switch 2 ^{×3}	/	/	/	/	/	/
Lock	/	/	/	/	/	/
FM-Scan	/	/	/	/	/	/
SQL Set	/	/	/	/	/	/
Lone Worker	-/	—/	-/	-/	—/	-/
TA Scan	/	/	/	/	/	/
SQL Off	/	/	/	/	/	/
Scan Set	/	/	/	/	/	/
Whisper	/	/	/	/	/	/
Beep Off	/	/	/	/	/	/

*1: LCD Version only.

*2: Requires FVP-25, FVP-35, or FVP-36 Encryption Unit. *3: FVP-35 only.

DISPLAY ICONS & INDICATORS (LCD VERSION)



RSSI Indicator

8 Character Alpha-numeric Display

OPERATING TEMPERATURE RANGE

Operation:

USA/EXP versions: $-30 \degree$ C to $+60 \degree$ C ($-22 \degree$ F to $+140 \degree$ F) European version: -25 °C to +55 °C (-13 °F to +131 °F) **Battery Charging**: $+10 \circ C$ to $+40 \circ C$ ($+50 \circ F$ to $+104 \circ F$)

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Priority Channel indication

MON (MONITOR)

Press (or Press and hold) the assigned Programmable key momentarily to disable the Tone squelch.

Press (or Press and hold) the assigned Programmable key to illuminate the LCD for five seconds (LCD version).

SCAN

The Scanning feature is used to monitor multiple channels programmed into the transceiver. While scanning, the radio will check each channel for the presence of a signal, and will stop on a channel if a signal is present.

□ To activate scanning

Press (or Press and hold) the assigned Programmable key. The scanner will search the channels, looking for active ones; it will pause

each time it finds a channel on which someone is speaking. To stop scanning:

Press (or Press and hold) the assigned **Programmable** key. Operation will revert to the channel to which the CH knob is set.

DW (DUAL WATCH)

The Dual Watch feature is similar to the Scan feature, except that only two channels are monitored: the current operating channel, and the "Priority" channel. □ To activate Dual Watch:

Press (or Press and hold) the assigned Programmable key.

The scanner will search the two channels; it will pause each time it finds a channel on which someone is speaking

To stop Dual Watch:

Press (or Press and hold) the assigned Programmable key. Operation will revert to the channel to which the CH knob is set.

Low Power

Press (or Press and hold) the assigned Programmable key to set the radio's transmitter to the "Low Power" mode, thus extending battery life. Press (or Press and hold) the assigned Programmable key again to return to "High Power" operation when in difficult terrain.

When the radio's transmitter is set to "Low Power" mode, the "L" icon will be indicated on the LCD (LCD version).

TA (TALK AROUND)

Press (or Press and hold) the assigned Programmable key to activate the Talk Around feature when you are operating on duplex channel systems (separate receive and transmit frequencies, utilizing a "repeater" station). The Talk Around feature allows you to bypass the repeater station and talk directly to a station that is nearby. This feature has no effect when you are operating on "Simplex" channels, where the receive and transmit frequencies are already the same

When the "TA" function is activated, the "IM" icon will be indicated on the LCD (LCD version).

TX SAVE DISABLE

Press (or Press and hold) the assigned Programmable key to disable the Transmit Battery Saver, if you are operating in a location where high power is almost always needed.

The Transmit Battery Saver helps extend battery life by reducing transmit power when a very strong signal from an apparently nearby station is being received. Under some circumstances, though, your hand-held radio may not be heard well at the other end of the communication path, and high power may be necessary at all times.

ENCRYPTION

When the Voice Scrambler feature is enabled, pressing the assigned Programmable key of the "Encryption" toggles the Scrambler "on" and "off."

CHANNEL UP

Press (or Press and hold) the assigned Programmable key to switch to a higher operating channel number.

CHANNEL DOWN

Press (or Press and hold) the assigned Programmable key to switch to a lower operating channel number.

CALL, RESET

Press (or Press and hold) the assigned Programmable key to silence the receiver and reset for another call, when a communication is finished.

CALL 2, CALL 3

Press (or Press and hold) the assigned Programmable key to send a 5-Tone sequential tone group which is pre-defined

CODE UP, CODE DOWN

Press (or Press and hold) the assigned Programmable key to switch to a higher (or lower) paging code number for the 5-Tone Paging System.

DESCRIPTION OF OPERATING FUNCTIONS

CODE SET

Press the assigned Programmable key to change the encode digits for 5-tone operation. To change a specific digit, select the desired digit using the [A] key, then change the number using the $[\mathbf{B}]/[\mathbf{C}]$ keys, and store the number using the $[\mathbf{D}]$ key.

SPEED DIAL

Your Dealer may have pre-programmed Auto-Dial telephone number memories (up to five memories) into your radio.

To dial a number, press (or Press and hold) the assigned Programmable key to toggle the pre-programmed Auto-Dial telephone number memory, then press the PTT switch. The DTMF tones sent during the dialing sequence will be heard in the speaker.

EMERGENCY

The VX-350 series includes an "Emergency" feature, which may be useful, if you have someone monitoring on the same frequency as your transceiver's channel. For further details contact your VERTEX STANDARD dealer.

OPTION SWITCH 1, OPTION SWITCH 2

When the optional unit is installed, these functions have various uses. For further details, contact your VERTEX STANDARD dealer.

Lock

Press (or Press and hold) the assigned Programmable key to lock the VX-350's knob, Programmable keys, and PTT switch. The precise lockout configuration is programmed by your VERTEX STANDARD dealer.

FOLLOW-ME SCAN

"Follow-Me" Scan feature checks a User-assigned Priority Channel regularly as vou scan the other channels. Thus, if only Channels 1, 3, and 5 (of the 8 available channels) are designated for "Scanning," the user may nonetheless any channel as the "User-assigned" Priority Channel via the "Follow-Me" feature.

Press the assigned Programmable key to activate "Follow-Me" scanning, then turn the CH selector knob to the channel which you want to designate as the "User-Assigned Priority Channel". When the scanner stops on an "active" channel, the User-assigned Priority Channel will automatically be checked every few seconds.

SQL SET

You can manually adjust the squelch level using this function:

- Press the assigned **Programmable** key. A tone will sound, and the current squelch level will appear on the display.
- □ Press the [Side 1]/[Side 2] key to select the desired squelch level.
- Two seconds after releasing the [Side 1]/[Side 2] key, the display will revert to the normal channel indication

LONE WORKER

Press and hold the assigned **Programmable** key to toggle the Lone Worker feature "ON" and "OFF"

The Lone Worker feature will emit an audible alarm for 30 seconds at one second intervals when the Lone Worker Timer has expired. If the user does not reset the timer by pressing the PTT switch, the radio switches to the Emergency mode.

TA SCAN

Press the assigned programmable key to toggle the TA (Talk Around) scan feature "On" and "Off."

While TA scan is proceeding, the VX-350 will search both the transmit and receive frequencies (the ") icon will blink on the LCD versions). When a signal is encountered on the receive frequency, the VX-350 will pause until the signal disappears ("\" icon will appear but not blink). When a signal is encountered on the transmit frequency, the VX-350 will check for activity on the receive frequency every few seconds (interval programmed by your Dealer).

SQL OFF

Press (or Press and hold) the assigned Programmable key to disable the Noise and Tone squelch. Again press (or Press and hold) the assigned Programmable key to resume normal (quiet) Noise and Tone squelch action.

SCAN SET

Press (or press and hold) the assigned Programmable key to delete the Current Memory Channel from the Scanning List. When you delete a channel from the Scanning List, a ringing beeper will sound, and "**U**" icon will disappear from the LCD (LCD version). To restore a particular channel to your Scanning List, press (or press and hold) the assigned Programmable key again; a ringing beeper will sound, and "U" icon will appear on the LCD (LCD version).

WHISPER

Press (or Press and hold) the assigned Programmable key to increase the microphone gain; thus you can speak in a low voice (whisper) temporarily. Again press (or Press and hold) the assigned Programmable key to resume normal microphone gain.

BEEP OFF

Press (or Press and hold) the assigned Programmable key to disable the radio beeps temporarily. Again press (or Press and hold) the assigned Programmable key to enable the radio beeps.

ARTS[™] (Auto Range Transpond System)

This system is designed to inform you when you and another ARTSTM-equipped station are within communication range

During ARTSTM operation, your radio automatically transmits for about 1 second every 55 seconds (or 25 seconds: Dealer Programmed) in an attempt to shake hands with the other station.

If you are out of range for more than two minutes, your radio senses that no signal has been received, a ringing beeper will sound, and "OUT RANGE" will appear on the LCD (on the LCD version). If you subsequently move back into range, as soon as the other station transmits, your beeper will sound and "IN RANGE" will appear on the LCD (on the LCD version).

DTMF PAGING SYSTEM

This system allows paging and selective calling, using DTMF tone sequences. When your radio is paged by a station bearing a tone sequence which matches yours, your radio's squelch will open and the alert will sound. On the LCD version, the three-digit code of the station which paged you will be displayed on your radio's LCD.

Part 15.21: Changes or modifications to this device not expressly approved by Vertex Standard could void the user's authorization to operate this device.

NOTICE !

There are no owner-serviceable parts inside the transceiver. All service jobs must be referred to an authorized VERTEX STANDARD Service Representative. Consult your Authorized VERTEX STANDARD Dealer for installation of optional accessories

IMPORTANT NOTICE FOR NORTH AMERICAN USERS REGARDING 406 MHz GUARD BAND

The U.S. Coast Guard and National Oceanographic and Atmospheric Administration have requested the cooperation of the U.S. Federal Communications Commission in preserving the integrity of the protected frequency range 406.0 to 406.1 MHz, which is reserved for use by distress beacons. Do not attempt to program this apparatus, under any circumstances, for operation in the frequency range 406.0 - 406.1 MHz if the apparatus is to be used in or near North America.

Warning - Frequency band 406 - 406.1 MHz is reserved for use ONLY as a distress beacon by the US Coast Guard and NOAA. Under no circumstance should this frequency band be part of the preprogrammed operating frequencies of this radio.

DISPOSAL OF YOUR ELECTRONIC AND ELECTRIC EOUIPMENT

Products with the symbol (crossed-out wheeled bin) cannot be disposed as household waste

Electronic and Electric Equipment should be recycled at a facility capable of handling these items and their waste byproducts.

In EU countries, please contact your local equipment supplier representative or service center for information about the waste collection system in your country.

WARRANTY POLICY

Vertex Standard warrants, to the original purchaser only, its Vertex Standard manufactured communications products against defects in materials and workmanship under normal use and service for a given period of time from the date of purchase.

Limited Warranty Details:

- North America customers (USA and Canada):
- http://www.vertexstandard.com/lmr/warranty-terms.aspx
- Customers outside of North America:
- Contact the authorized dealer in your country

ATTENTION IN CASE OF USE

This transceiver works on frequencies which are not generally permitted.

For frequency allocation, apply for a licence at your local spectrum management authority.

For actual usage contact your dealer or sales shop in order to get vour transceiver adjusted to the allocated frequency range

LIST OF THE PRACTICABLE AREA						
AUT	BEL	BGR	CYP	CZE	DEU	
DNK	ESP	EST	FIN	FRA	GBR	
GRC	HUN	IRL	ITA	LTU	LUX	
LVA	MLT	NLD	POL	PRT	ROU	
SVK	SVN	SWE	CHE	ISL	LIE	
NOR						

MODEL REFERENCE

MODEL	FREQUENCY	TX Power	DISPLAY/KEYPAD
VX-351-D0-5	134-174 MHz	5 W	Non
VX-354-D0-5	134-174 MHz	5 W	LCD/4 Key
VX-351-G6-5	400-470 MHz	5 W	Non
VX-354-G6-5	400-470 MHz	5 W	LCD/4 Key
VX-351-G7-5	450-512 (520) MHz	5 W	Non
VX-354-G7-5	450-512 (520) MHz	5 W	LCD/4 Key