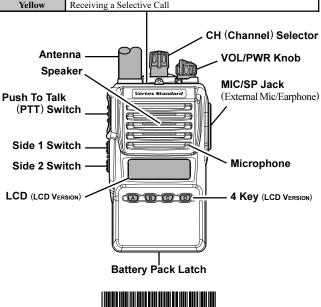


VX-350 Series **Operating Manual**

Controls & Connectors

LED Indicator

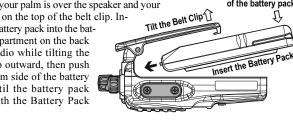
| | Glows Green | Monitor on (or Side 1, or 2 switch is activated: Non-LCD version) |
|-----|-----------------------|---|
| | Blinking Green | Busy Channel (or SQL off) |
| | Glows Red | Transmitting |
| | Blinking Red | Battery Voltage is Low |
| - 1 | Yellow | Receiving a Selective Call |



Before You Begin

BATTERY PACK INSTALLATION AND REMOVAL

☐ To install the battery, hold the transceiver with your left hand, so your palm is over the speaker and your thumb is on the top of the belt clip. Insert the battery pack into the battery compartment on the back of the radio while tilting the Belt Clip outward, then push the bottom side of the battery pack until the battery pack locks with the Battery Pack



Push the bottom side

☐ 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 Earpiece/Headset to the transceiver.
- ☐ Use the Earpiece/Headset at as low a volume as possible for existing
- ☐ Slowly adjust the **VOL/PWR** knob when increasing the audio level.

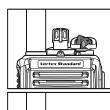
PRELIMINARY STEPS

- ☐ Install a charged battery pack onto the transceiver, as described previously. ☐ Screw the supplied antenna onto the Antenna jack. Never attempt to operate this
- ☐ 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**.

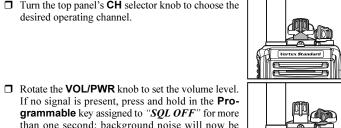
OPERATION QUICK START

☐ Turn the top panel's **VOL/PWR** knob clockwise to turn on the radio on.

transceiver without an antenna connected.

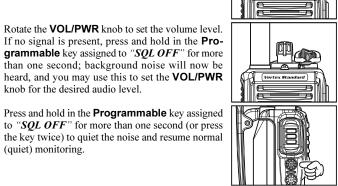


☐ Turn the top panel's **CH** selector knob to choose the desired operating channel.



☐ Press and hold in the **Programmable** key assigned to "SQL OFF" for more than one second (or press the key twice) to quiet the noise and resume normal

knob for the desired audio level.



☐ To transmit, monitor the channel and make sure it is clear.

☐ To transmit, press and hold in the **PTT** switch. Speak into the microphone area of the front panel grille (lower right-hand corner) in a normal voice level. To return to the Receive mode, release the PTT

Do not transmit the radio without an antenna con-

☐ If a Speaker/Microphone is available, remove the plastic cap and its two mount ing 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/Microphone, just as you would on the main transceiver's body

RSSI Indicator

Operation

Note: Save the original plastic cap and its mounting screws. They should Note: Save the original plastic cup and the Speaker/Microphone.

Display Icons & Indicators (LCD Version)

(): This channel is in the "Scan" List • : "Priority Scan" is activated "Call" Indicator

"Dual Watch" is activated Low Power Transmit Mode "Encryption" is enabled

Receiver Monitor Talk-Around" is enabled **Battery Indicator**

Priority Channel indication

8 Character Alpha-numeric Display

Accessories & Options

FNB-V96LIA 7.4 V 2300 mAh Li-Ion Battery Pack 7.4 V 2300 mAh Li-Ion Battery Pack

FNB-V130LI-UNI Desktop Rapid Charger Set (CD-34+PA42, for FNB-V96LI) VAC-300

VAC-6300 6-unit Multi Charger (for FNB-V96LI) CD-58 Desktop Charger (for FNB-V130LI-UNI)

PA-55 AC Adapter (for CD-58) 6-unit Multi Charger (for FNB-V130LI-UNI) **VAC-6058**

MH-374A Earniece/Microphone MH-45B4B Speaker/Microphone MH-360S Speaker/Microphone MH-450S Speaker/Microphone

VCM-2 Vehicle Charger Mount Adapter (for VAC-300) Desktop Charger Mount Adapter (for VAC-300) DCM-1

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

Rubber Antenna 400-430 MHz ATU-6A 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-6XI 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 Radio to Radio Programming Cable CT-27 CT-106 PC Programming Cable (for FIF-12)

Operating Temperature Range

USA/EXP versions: -30 °C to +60 °C (-22 °F to +140 °F) Operation: European version: -25 °C to +55 °C (-13 °F to +131 °F)

+10 °C to +40 °C (+50 °F to +104 °F) **Battery Charging:**

SAFETY TRANING INFORMATION

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

- ☐ 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
- ☐ ANSI/IEEE C95.1-1992, IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3kHz to 300
- ☐ 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 *Occupa*tional Use Only, meaning it must be used only during the course of employment by individuals aware of the hazards, and the ways to minimize such hazards. This radio is not intended for use by the General Population in an uncon-

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

- 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 Bat-
- 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.

This device complies with Part 15 of the FCC rules. Operation is subject to the condition that this device does not cause harmful interference.

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 EQUIPMENT**

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.



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.

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

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

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.

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Printed in China

Vertex Standard LMR, Inc.

Description of Operating Functions

Mon (Monitor)

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

Lamp

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 "M" 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 **Program-mable** 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.

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 [B]/[C] keys, and store the number using the [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 you 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 "M" 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 ("M" 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 "💍" 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 "💍" 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 **ARTS**-equipped station are within communication range.

During **ARTS** 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

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 your transceiver adjusted to the allocated frequency range.

| | Li | ist of t | he practicable area | | | |
|---|-----|----------|---------------------|-----|-----|-----|
| Α | JU | BEL | BGR | CYP | CZE | DEU |
| D | NK | ESP | EST | FIN | FRA | GBR |
| G | RC | HUN | IRL | ITA | LTU | LUX |
| L | .VA | MLT | NLD | POL | PRT | ROU |
| S | VK | SVN | SWE | CHE | ISL | LIE |
| N | OR | | | | | |

Declaration of Conformity

We, YAESU UK Ltd. declare under our sole responsibility that the following equipment complies with the essential requirements of the Directive 1999/5/EC.

| Type of Equipment: | FM Transceiver | | |
|--|-----------------------------------|--|--|
| Brand Name: | VERTEX STANDARD | | |
| Model Number: | VX-351-D0-5, VX-354-D0-5, | | |
| | VX-351-G6-5, VX-354-G6-5 | | |
| Manufacturer: | Vertex Standard Co., Ltd. | | |
| Address of Manufacturer: | 4-8-8 Nakameguro Meguro-Ku, Tokyo | | |
| Type of Equipment: Brand Name: Model Number: Manufacturer: Address of Manufacturer: | 153-8644, Japan | | |
| | | | |

Applicable Standards:

This equipment is tested and conforms to the essential requirements of directive, as included in following standards.

| Radio Standard: | EN 300 086-2 V1.3.1 EN 300 113-2 V1.4.2 |
|------------------|--|
| EMC Standard: | EN 301 489-01 V1.8.1 EN 301 489-05 V1.3.1 |
| Safety Standard: | EN 60065: 2002 +A1: 2006 +A11: 2008 |

The technical documentation as required by the Conformity Assessment procedures is kept at the following address:

Company: YAESU UK Ltd.

Address: Unit 12, Sun Valley Business Park, Winnall Close Winchester, Hampshire, SO23 0LB, U.K.

MODEL REFERENCE

| WIODEL | FREQUENCY | IX POWER | DISPLAY/KEYPAD |
|-------------|------------------|-------------|----------------|
| VX-351-D0-5 | 134-174 MHz | 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 |