

VX-350E Series

VHF/UHF Portable Radios

SPECIFICATION SHEET

All-Purpose Radio With A Wide Range Of Built-In Capabilities

The compact Vertex Standard VX-350E Series gives you a wide range of operating capabilities and options without paying extra.

Extended Performance with Long Battery Life

A 2000 mAh Lithium-Ion battery comes standard in the VX-350E Series, which provides extended talk time for greater convenience and productivity...even with the battery save function turned off.

Easy-To-Carry Compact Size

The small size is ideal for users that don't want a radio that gets in the way and is easy to conceal when necessary.

When Safety Counts

Includes built-in Emergency notification that will switch to a designated channel, send an emergency unit ID and transmit with a live microphone, an added benefit when working alone.

Prevent Unauthorised Use

If lost or stolen, the VX-350E Series can be quickly disabled remotely by sending a Stun command for temporary disabling or Kill command to permanently disable the radio (must be returned and re-programmed before using again).

Easily Integrate with Existing MDC System

Add the optional VME-100 board to make the VX-350E radio compatible for use with the rest of your MDC-1200 fleet.

Exclusive Auto-Range Transpond System – ARTS™

Only Vertex Standard radios are designed to inform you when you and another ARTSTM-equipped station are within communication range. If out of range for more than 2 minutes, your radio senses no signal has been received and beeps to alert you. The base station can then alert the field unit to move back in range. A great solution to keep your workers co-ordinated.

The Vertex Standard Difference

Our number one goal is achieving superior customer satisfaction by delivering products and services that exceed your expectations. Count on Vertex Standard for radios that are built to last and designed to provide more features for a better return on your investment. Ask your Dealer for more details.



105 (H) X 58 (W) X 33 (D) mm





SPECIFICATION SHEET vertexstandard.com

VX-350E Series Specifications

Additional Features

- · 16 channel capacity
- · Wide band coverage
- Six programmable keys (VX-354E)
- Two programmable keys (VX-351E)
- 8-Character alphanumeric display (VX-354E)
- RX/TX Battery power save
- DTMF ANI
- Lone Worker
- · 2-Tone Encode and Decode
- · CTCSS / DCS Encode and Decode
- 5-Tone signaling
- Whisper
- · Priority scan
- Dual Watch scan
- · Follow-me scan
- · Talk Around scan
- · Radio-to-radio cloning

Accessories

- MH-360S: Compact speaker microphone
- MH-37A4B: Earpiece microphone
- MH-450S: Speaker microphone
- MH-45B4B: Noise cancelling speaker microphone
- VH-115S: Behind-the-head headset w/boom mic
- VH-215S: Over-the-head single-muff headset
- VC-25: Over-the-head VOX headset
- VH-130S: 2-Wire earpiece w/palm mic and PTT switch
- FNB-V96LI: 2000 mAh Li-Ion battery
- VAC-300: Desktop rapid charger
- DCM-I: Desktop charger mounting adapter
- VCM-2: Vehicle mounting adapter for VAC-300
- VAC-6300: 6-Unit multi rapid charger
- LCC-351/S: Leather case w/swivel belt clip (VX-351E)
- LCC-354/S: Leather case w/swivel belt clip (VX-354E)

Option Boards

- FVP-25: Voice Encryption & DTMF Paging
- FVP-35: Rolling Code Encryption
- FVP-36: Voice Inversion Encryption
- VME-100: MDC-1200® / GE-STAR® ANI Encode

VX-330E Series	/, ,				
	VHF	UHF			
General Specification					
Frequency Range	134 – 174 MHz	400 – 470 MHz			
Number of Channels		16			
Power Supply Voltage	7.4V DC±20%				
Channel Spacing	12,5/20/25 kHz				
PLL Steps	1.25 / 2.5 / 5 / 6.25 kHz	5 / 6.25 kHz			
Battery Life (5-5-90 duty) 2000 mAh FNB-V96LI	15.5 hrs (13 hrs w/o saver)	15 hours (12.5 hrs w/o saver)			
IP Rating	^	IP 55			
Operating Temperature Range	-25° C to +60° C				
Frequency Stability	±2.5 ppm				
RF Input-Output Impedance	50 Ohms				
Dimension (H x W x D)	105 x 58 x 33 mm (w/FNB-96LI)				
Weight (Approx.)	310 g (w/FNB-V96LI,ANT, belt clip)				
Receiver Specification: mo	easured by EN 300 086				
Sensitivity 20dB SINAD	-3 dE	β μV emf			
Adjacent Channel Selectivity	70	/ 60 dB			
Intermodulation	65 dB				
Spurious and Image Rejection	70 dB				
Audio Output	500 mW @ 4 Ohms 10% THD				
Transmitter Specification	: measured by EN 300 086				
Output Power	5/IW				
Modulation Limiting	±4.0 kH:	z @ 25 kHz z @ 20 kHz @ 12.5 kHz			

16K0F3E, 11K0F3E

-36 dBm ≤ 1 GHz, -30 dBm > 1 GHz

45 / 40 dB

< 3 % @ I kHz

Applicable MIL-STD

Modulation

Spurious Emissions

FM Hum & Noise

Audio Distortion

4	Standard	MIL 810C Methods/ Procedures	MIL 810D Methods/ Procedures	MIL 810E Methods/ Procedures	MIL 810F Methods/ Procedures
\triangleright	Low Pressure	500.1/Procedure I	500.2/Procedure I, II	500.3/Procedure I, II	500.4/Procedure I, II
-	High Temperature	501.1/Procedure I	501.2/Procedure 1, II	501.3/Procedure I, II	501.4/Procedure I, II
	Low Temperature	502.1/Procedure I	502.2/Procedure I	502.3/Procedure I, II	502.4/Procedure I, II
	Temperature Shock	503.1/Procedure I	503.2/Procedure I	503.3/Procedure I	503.4/Procedure I, II
	Solar Radiation	505.1/Procedure I	505.2/Procedure I Cat.AI	505.3/Procedure I Cat.AI	505.4/Procedure I Cat.AI
	Rain	506.1/Procedure 1,11	506.2/Procedure I, II	506.3/Procedure I, II	506.4/Procedure I, III
	Humidity	507.1/Procedure 1,11	507.2/Procedure II, III	507.3/Procedure II, III	507.4/Procedure I
	Salt Fog	509.1/Procedure I	509.2/Procedure I	509.3/Procedure I	509.4/Procedure I
	Dust	510.1/Procedure I	510.2/Procedure I	510.3/Procedure I	510.4/Procedure 1, III
	Vibration	514.2/Procedure X	514.3/Procedure Cat. 10	514.4/Procedure Cat. 10	514.4/Procedure Cat. 24
	Shock	516.2/Procedure I, II,V	516.3/Procedure I, IV	516.4/Procedure 1, IV	516.5/Procedure I,V

Specifications are subject to change without notice or obligation.

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