VXA-700

RUGGED AIR BAND TRANSCEIVER







Vertex Standard Presents the Ultimate Air-Band Transceiver

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Air Band Operation, VOR Navigation, and Amateur Radio Communications, All In One!

The VXA-700 is the world's first Air Band transceiver featuring both VOR Navigation and Amateur Radio transceiver operation, all in one. Many pilots are also Amateur Radio operators, as well, and the VXA-700 provides 5 Watts of AM P.E.P. power on the Aviation band, along with 5 Watts of FM power on the 2-meter Ham band, to keep you in touch wherever you operate.

FM Broadcast Receive (88-108 MHz)

The VXA-700, besides being a valuable communications tool, also includes high-quality reception of the FM Broadcast Band at 88-108 MHz.

192 Memory Channels

(Incl. Pre-programmed "Book" Memories)
The extensive Memory system of the VXA-700 includes 102 "Main" memories, plus ninety pre-programmed "Book" memories, for quick and easy recall of often-used frequencies. The memories may be labeled with a title, for quick recognition.

Submersible (JIS-7)

The VXA-700's case, speaker enclosure, and controls are carefully sealed against water ingress, allowing the transceiver to be specified for protection against water ingress per JIS-7 specifications (immersion to 3 feet for 30 minutes). So you need not fear using your VXA-700 during severe weather.

Rugged Magnesium Die-Cast Construction

The unmatched ruggedness of the VXA-700 is coupled

with ultra-light weight, thanks to the die-cast magnesium case and chassis construction. Rubber bumpers on the bottom corners of the case protect it against damage from every-day bumps and



Supplied Rechargeable Lithium-Ion Battery

VXA-700 is supplied with a super-long-life 7 V, 1300 mAh Lithium-Ion Battery Pack (FNB-80LI), providing many hours of operation and reliable charging without the "memory" effects that can plague other battery types. With the optional CD-15A Charging Stand and NC-72B/C AC Adapter, the FNB-80LI may be charged in as little as 2.5 hours, so you'll quickly be ready for more operating action! And the optional FBA-23 Alkaline Battery Case will accept two "AA" batteries (not supplied) for low-power emergency operation. The VXA-700's EXT DC jack will also accept 12 Volts from the NC-72B/C directly (RX only), or from an external power supply.

Receive Battery Saver

This feature helps maximize battery life by deenergizing the receiver section during periods of no activity, waking the receiver up at user-selected intervals to sample for channel activity. If no activity

VOR NAVIGATION: AIR BAND ■ GENERAL VOR EQUIPMENT ■ NAV BAND (108,0000 - 117,9750 MHz) **■COM BAND** VOR MODE CDIMODE (118.0000 - 136.9750 MHz) COURSE Indi - COURSE Deviation Needle FO 128. 8000 **411111** - TWO-Degree Deviation Marks 4800000000000000/45 FROM+ - "TO"-"FROM" Flag Indicato

is detected, the Spirit goes back into its "sleep" mode. Current consumption is significantly reduced, thereby maximizing battery life. This feature is only found on Vertex Standard Airband Transceivers.

Multi-Color Strobe LED Status Indicator

Among the more innovative features introduced in the VXA-700 is the full-color Strobe LED, which

provides indication of a number of transceiver status items using different colors. Different colors may be selected for each of the above conditions, and a total of 256 color shades are available, for customizing the colors just the way you like them.





Dot Matrix Display

No Airband hand-held transceiver has a display that even compares to the VXA-700's 132 x 64 dot matrix display. Providing clear, easy-to-read indication of frequency and Navigation data alike, the VXA-700's display includes an unparalleled array of graphical and pictorial tools that make operation a breeze.

NOAA WEATHER CHANNELS (U.S.A. Only)

The Spirit can receive all 10 NOAA weather broadcast frequencies. The Automatic Active Weather Channel Locator (a Vertex Standard exclusive) automatically scans for active NOAA weather stations in your area when WX band is selected.

NOAA "Severe Weather" Alert (U.S.A. Only)

The VXA-700 includes a special feature that sounds an alarm when the special "Severe Weather" alert tone is received from a Weather Broadcast station. This warns you of potentially life-threatening flying conditions.

Backlit Keypad and Display with Dimmer
The front panel's keypad and LCD are illuminated in
Vertex Standard's renowned Vertex Standard's renowned Omni-Glow™ amber hue, for excellent visibility and minimal impact on your night vision. The Omni-Glow™ display/key illumination may be configured in a number of battery-saving ways. Both Brightness and Contrast are adjustable. You can set the illumination to appear



The channel configurations can be easily re-programmed in minutes using the optional PC Programming cable (CT-29+CT-97), software (CE56) and your Po your operating needs change, you can quickly reprogram your Spirit with the important frequency data you need.

continuously, or only for a few seconds after a key

is pressed. You can even turn the "Busy" Strobe off,

One Touch Emergency Frequency Access
For lightning-fast access to the 121.5 MHz Emergency

Frequency, a dedicated key on the front panel assures

you of no delays in summoning help in an emergency. CTCSS and DCS Operation (144 MHz Amateur Band)

For access to Amateur Radio repeaters using tone control systems, the VXA-700 is equipped with both CTCSS and DCS Encoder/Decoder circuits, the products of

our decades of design and manufacturing know-how

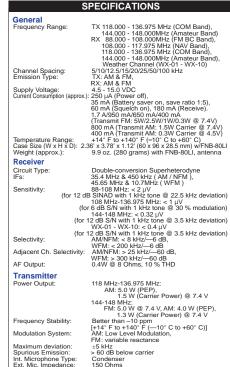
in the Amateur Radio industry. An Amateur Radio

license is required for operation on the 144 MHz band.

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for additional battery conservation.

PC PROGRAMMABLE



ACCESSORIES & AVAILABLE OPTIONS















US Headquarters

Condense 150 Ohms Specifications are subject to change without notice or or

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