



★★★★★
New
PRODUCT
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VR-6600 PRO

AMATEUR FM TRANSCEIVER

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www.verotelecom.com
VERO Global Communication Co.,Ltd

VR-6600 PRO - A Completely New Advanced 144 / (220)* / 430 MHz 50W Dual Band Mobile Radio



Large, Fantastic and Easy-to-Read Liquid Crystal Display (LCD)



Incredibly flexible Dual Band Display: you can easily set your own individual preference for Dual Receive and Full-Duplex operation. 5.2"x1.6" (130x40 mm) Large dot matrix (264x64 dots) LCD display ensure excellent visibility - night or day.

Control Head Separation with Ease

The Display Control Head is designed for easy separation from the main RF Power Unit - 10 foot control cable included. Optional 20 foot control cable is available. The separation cable is supplied with the radio allowing the compact remote control head to be installed almost anywhere.

Built-in Three Speakers

Dual Speakers on the rear of the Control Head with Independent Volume Controls for maximum flexibility. One Speaker built-in the ease for those noisy environments.



Cross-Band Repeater (X-Repeater) Capability

For emergency work or to extend the range of a hand-held unit, the VR-6600 PRO includes Cross-Band Repeater capability.

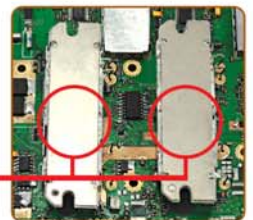
1000CH Huge Memory Channel Management Capability

Independent 500 memory channels with memory name tag function (up to 8 characters) for each L and R band (1000 channels total), including 9 PMS (Programmable Band Limit Memory Scan) channels for each L and R band (18 channels in total), a rewritable preferred channel for each L and R band, 31 channels specifically allocated for the Smart Search function



50W Powerful and Reliable Output Power

Enjoy the stable 50W output power in every frequency. It also allows continuously high power transmit when you need mostly.



RF MOSFET MODULE

BTG-6600A1 TNC GPS APRS (optional)

It can be linked to your cell phone by Bluetooth, then the data of APRS will display on your phone, including the MAP, Call Sign, Date Time and Distance, etc.



DTMF Microphone Included

The front panel built-in microphone activates PTT transmission. A HM-68 conventional hand microphone with DTMF is also included with the radio.



The backlight color of the display is selectable for your visual enjoyment - 8 vibrant Color Options

■ Choose your favorite LCD backlight color



GREEN



YELLOW GREEN



SKY BLUE



MARINE BLUE



AMBER



ORANGE



BLUE WHITE



WHITE

■ Timer function: clock with event timer function to count up or down functions etc.



Wideband Receive

Continuous reception for short-wave, FM/AM broadcasts, aircraft, public service channels etc.

RX:

0.5-1.710 MHz (AM Radio)
76-108 MHz (FM Radio)
108-136 MHz (Air Band)
136-174 MHz (144 MHz HAM Band)
174-250 MHz (VHF Band)
300-400 MHz (General Band)
400-480 MHz (430 MHz HAM Band)
480-520 MHz (UHF Band)

TX:

136-174 MHz (144MHz Ham Band)
220 MHz 1W (USA only)
400-480 MHz (430 MHz HAM Band)

(We can make the special frequency range for any region of any country)

Listen to FM Broadcast Stations in Stereo

Built-in stereo decoder for FM Broadcast: Listen to FM Broadcast in Stereo with dual speakers on the rear of the control head!



■ The front panel built-in microphone activates on PTT transmission.



■ HM-68 conventional hand microphone with DTMF included.

■ Set menu: Easy operation.



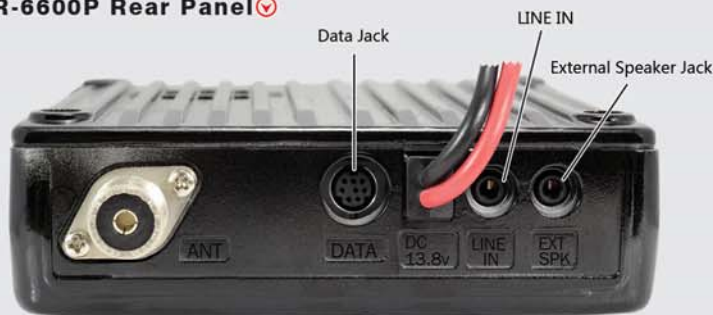
■ 8-pin mini DIN 1200/9600bps data jack.

■ Cloning function: to clone one transceiver to another.

Control Head Rear Panel



VR-6600P Rear Panel



Control Head



VR-6600P Main Transceiver



Optional Functions:

Loads of GPS & APRS Flexibility

Complete with TNC and various APRS information and functions - Receive WX information from other APRS weather stations, exchange messages etc.

Specifications

General		Operating Temperature	-4°F to +140°F (-20°C to +60°C)	Circuit Type	Radio Single-Conversion Super heterodyne	
Frequency Ranges	Radio 0.5-1.710MHz(AM Radio) 76-108MHz(FM Radio)	Case Size (W×H×D)	6.3"×2.6"×1.3"(157×66×33.5mm) (Panel WO knob & connectors) 5.6" ×1.8" ×6.0" (140×46×150mm) (Rear chassis W/O connectors)	Intermediate Frequencies	1st: 130KHz FM Radio	
A / B Band RX	108-135.995MHz(Air Band) 136-173.995MHz(144 MHz HAM Band) 174-250MHz(GR1) 300-399.995MHz(GR1) 400-479.995MHz(430 MHz HAM Band) 480-520MHz(GR2)	Weight	4.6 lbs (2.1kg)	Sensitivity Radio Band	1st: 50KHz AM Radio 5μV TYP for 10dB SN(0.5-1.710MHz,AM) 2μV TYP for 12dB SINAD(76-108MHz,WFM) L&R Band 0.8μV TYP for 10dB SN(108-135.995MHz,AM) 0.2μV for 12dB SINAD(136-173.995MHz) 1μV TYP for 12dB SINAD(174-222MHz) 0.8μV TYP for 10dB SN(300-336MHz,AM) 0.25μV TYP for 12dB SINAD(336-400MHz,FM) 0.2μV for 12dB SINAD(400-480MHz, FM)EXP 0.5μV TYP for 12dB SINAD(480-520MHz,WFM)	
TX	136-173.995 MHz(144MHz HAM Band) 222-225MHz(Type USA) 400-479.995MHz(430 MHz HAM Band)	Transmitter	RF Power Output	50/20/5W (Approx)		
Channel Steps	5,6,25,10,12.5,15,20,25,50,100,200 KHz	Modulation Type	Variable Reactance F1D,F2D,F3E	Maximum Deviation	±5 KHz (Wide) ±2.5KHz(Narrow)	
Frequency Stability	±2.5ppm(14°F to +14°F[-10°C to +60°C])	Spurious Emission	Less than -60dB	Microphone Impedance	2 kΩ	
Repeater Shift	±600KHz(144MHz) ±1.6/5.0/7.6MHz(430MHz)	Receiver	Circuit Type	FM/AM Double-Conversion Super heterodyne	Squelch Sensitivity	0.13μV(144/430MHz Band)
Emission Type	F1D,F2D,F3E,	Intermediate Frequencies	1st: 49.950 MHz(A Band) 2nd: 450KHz(" Left Side" Band, FM/AM) 1st: 45.450MHz(B Band) 2nd: 450KHz(" Right Side" Band, FM/AM)	Selectivity(Typical)	(Wide) More than 10KHz/6dB Less than 30.KHz/60dB (Narrow) More than 6KHz/6dB Less than 20KHz/60dB	
Antenna Impedance	50Ω	Supply Voltage	Nominal 13.8V DC, Negative Ground Operating 11.7 ~ 15.8V,Negative Ground	AF Output	8W@4Ω for 10% THD(@ 13.8V)BTL EXP SP 4W@4Ω for 10% THD(@13.8V)Normal EXP SP/CH	
Current Consumption	0.5A(Receive) 10A(TX,144 MHz 50W) 10A(TX,430 MHz 50W)	AF Output Impedance	4-16Ω			

Supplied Accessories



DC Power Cable w/Fuse



DTMF Microphone HM-68



Mounting Bracket for Front Panel (Suction Cup Type)



12.5 ft(3.8m) Control Cable



Mounting bracket

VERO GLOBAL COMMUNICATION CO.,LTD.

Tel:+86-595-22496660 Fax:+86-595-86761912

E-mail:info@verotelecom.com www.verotelecom.com

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