



QUICK USER GUIDE

VR-N7500

1, Safety Information

The government bans on operation the radio transmitter without permission in the jurisdiction scope. Illegal operation will punished with fine or arrest, This product can only be maintained by the professional technicians.

Safety: It's very important for users to realize the generally dangerous of using the radio. **Warning:** Please turn off the radio when you are refueling in the explosive atmosphere (such as gas, dust and smog, etc.) or park at the gas station.

2, First Use

2.1 Unpacking and Checking

Please unpack carefully and check all the items listed in the following table before discarding the packing material. If any damage or loss occurs during shipment, please contact your dealer.

2.1.1 Standard Accessories

No.	Item	Quantity
1	Radio Body	1
2	Speaker Microphone	1
3	Power Cable	1
4	Mounting Brackets	1
5	Screw Bag	1
6	APP operation instructions	1
7	Quick User Guide	1

2.2 Preparing Your Mobile for Use

2.2.1 Installing your Mobile

1) Using self-tapping self-drilling screws to fasten the bracket at the suitable place inside the vehicle.

2) Using the screws to fasten the mobile on the bracket.

3) Connect the Power Supply Cable

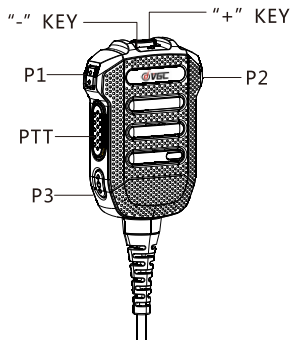
First, arrange the 3 meter power cable (First, find that if there is a hole on the thermal baffle can cross the power line. If there don't have one, please drill a hole use the suitable drill bit and put on rubber hole. Then let the power line through the thermal baffle into the engine compartment), and connect the engine battery or other power supply to the open end (the power supply can't exceed 16 Volt). Attention that the red line

power supply can't exceed 16 Volt). Attention that the red line connect positive pole, the black line connect the negative pole. Put in the suitable protective tube (random provided, please apply the protective tube from the suppliers if you change it in the late, avoid causing other damage), put the plug insert the power interface socket at the tail of turn-table.

4) Connect the Antenna

5) Connect the Speaker Microphone.

3, Product Overview



LED		
State	Red	Green
Transmitting	On	
Receiving		On
pairing	Red and green lights flash alternately	
Muting	Green light gradient	

Microphone button definition

"+" "-" keys on the top:

short press: the channel increase and decrease.

long press: continuously increase/decrease the channel.

P1:

Short Press: Volume Down

Long Press: A/B Band Switching

Double Click :Mute/Unlock Mute

P2:

Short Press:Volume Up

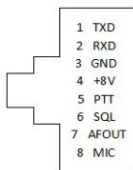
Long Press: Talk Around ON/OFF

P3:

Short Press: Report the current channel number

Long Press: Send A 1750Hz Tone

Double Click : Enter Pairing status



Mic Jack

If you want to restore factory settings, please press and hold the P1 and P3 buttons at the same time. Please do this step carefully, it will clear all your stored information.

4 Basic Operation

4.1 Powering On/Off the Radio

In the power off status, long press the Radio On-Off button to power on the mobile and the power on alert will be heard. The power indicator light will light up.

In the power on status, long press Radio On-Off button to power off the mobile. and the power indicator light will go out.

4.2 Program to mobile

This radio station uses mobile APP programming, please refer to 《the HT APP operating instructions》 to program the radio station.

4.3 pairing the radio.

Open the downloaded HT APP, double-click the radio pairing button, and select Bind New Device on HT APP to bind the new device and program the radio.

4.4, other external device pairing

If you need pairing between the radio and other peripherals, both parties only need to enter pairing mode to pair successfully. You can also open the HT APP and click Scan in the connection management menu to manage paired peripherals.

VGC Wireless PTT method to enter pairing mode (BS-PTT): Press and hold the PTT button until the red and green lights flash alternately to enter pairing mode

VGC Wireless speaker microphone to enter pairing mode: Double-click the pairing button or double-click the power button of the hand microphone to enter the pairing mode.

For the pairing method of other devices from other manufacturers, please refer to their manuals.

EU DECLARATION OF CONFORMITY

In accordance with EU Directives and Regulations, the undersigned hereby declare that the following equipment is in conformity with the essential requirements of the RE Directive 2014/53/EU.

1. INFORMATION ON THE EQUIPMENT

Product Name: Mobile Radio
Model Name: VR-N7500

2. INFORMATION ON THE MANUFACTURER

Manufacturer: VERO GLOBAL COMMUNICATION CO,LTD
Address: 3th Building Chongxiang St. Quanzhou Economy & Technology Development District Quanzhou, China
Name: Jimmy Ho
Telephone: 86-0595-22496660
Email: info@verotelecom.com

3. INFORMATION ON THE STANDARDS

RF: ETSI EN 300 086 V2.1.2(2016-08) ETS EN 300 219 V2.1.1(2016-08) ETSI EN 300 328 V2.2.2(2019 -07)
EMC: ETSI EN 301 489 -1 V 2.2.3 (2019 -11) ETSI EN 301 489-5 V2.2.1 (2019 -04) Draft ETSI EN 301 489 -17 V3.2.0(2017-03)
Health: EN 62311:2008
Safety: EN 62368-1:2014+A11:2017

The notified body TIMCO Engineering, Inc. (EU Certificate number: TCF-1CC20) performed a conformity assessment according to Annex III, Module B. Signed on behalf of VERO GLOBAL COMMUNICATION CO,LTD

Signature:



Date: January 3, 2020

Technical Specifications	
Frequency Range	VHF:136-173.995MHz (144MHz Ham Band) UHF:400-479.995 MHz (430MHz Ham Band)
Channel Space	12.5/25KHz
Frequency Stability	±2.5ppm
Channel Number	N*16
Supply Voltage	Nominal: 13.8V±10% DC, Negative Ground
Antenna Impedance	50Ω
Operating Temperature	-20°C To +60°C
Case Size (WxHxD):	160x40x100 (mm)
Weight (Approx)	1.8KG (Whole Box)
Receiver	
Sensitivity:	0.16μV
Selectivity (Typical)	≥68dB
intermodulation interference	≥65dB
Spurious Response	≥65dB
Audio Distortion	≤3%
Audio output power	2W
Transmitter	
RF Power Output	40/25/8W
Modulation Type	16K0F3E/11K0F3E
Adjacent channel power suppression	≤-68dB
Spurious Emission	≤-60dB
FM Noise	45dB
FM distortion	≤3%

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