

VR-2200 VHF/UHF IN-VEHICLE RADIO

VHF:135-174MHz /220-260MHz 60 Watts

UHF:400-490MHz 45 Watts

Best Selling ,Reliable Mobile

- Strong Output Power In VHF And UHF
- Loud 5 Watts of Audio Output Power For Noisy Enviroments
- Large 8 Digit backlit LCD For Excellent Visibility
- 200 Memory Channels For Serious Users
- P1-P5 With Programmable Function
- DTMF-ANI ,2 TONE AND 5 TONE Coder
- 1750Hz Burst Tone For Ham User

144/433
ham band is available

60W



VR-2200 VHF/UHF IN-VEHICLE RADIO

The VR-2200 In-Vehicle radio has nice housing, stoutness & stability, advanced and reliable functions, perfect & valuable. This amateur mobile radio especially designs for drivers and it pursues company philosophy of innovation and practicality. More functions are as follows:

- Frequency Range:
 - VHF: 136-174MHz 220-260MHz
 - UHF: 400-490MHz
- Output Power:
 - VHF: 10W/25W/60W
 - UHF: 10W/25W/45W
- 200 Memory Channels
- 2.4" LCD display
- DTMF / 2 tone / 5 tone coder
- Remote activate / stun / kill function
- 1750Hz Tone
- 0-9 SQL grade setting
- High / Mid / Low power selectable
- Repeater offset shift
- Contacts Storage
- Wide / Narrow band setting
- Busy channel lock-out function
- Reverse frequency
- Time-out Timer
- Channel Step: 5/6.25/10/12.5/20/25/50kHz
- 50 Groups CTCSS
- 1024 Groups DCS
- CTCSS / DCS setting & scanning
- Frequency/Channel scanning
- Voice compander
- Keypad lock function
- Battery voltage display
- ANI ID
- Emergency alarm
- TX inhibit
- Channel name editing
- Talk around
- Voice prompt
- Auto Power off

Specifications

■ General

Frequency Range	VHF : 136~174MHz 245~245.9875MHz (220~260MHz) UHF : 400~490MHz
Number of Channels	200 channels
Channel Spacing	25K (Wide Band) 20K (Middle Band) 12.5K (Narrow band)
Phase-locked Step	5KHz、6.25KHz、8.33KHz、10KHz、12.5KHz、15KHz、20KHz、 25KHz、30KHz、50KHz
Operating Voltage	13.8V DC \pm 15%
Squelch	Carrier/CTCSS/DCS/5Tone/2Tone/DTMF
Frequency Stability	\pm 2.5ppm
Operating Temperature	-20~+60°C
Dimensions(WxHxD)	145 (W) x47 (H) x190 (D) mm
Weight	about 1.2kg

■ Receiver (ETSI EN 300 086 standard testing)

	Wide band	Narrow band
Sensitivity (12dB Sinad)	$\leq 0.25*V$	$\leq 0.35*V$
Adjacent Channel Selectivity	$\geq 70\text{dB}$	$\geq 60\text{dB}$
Intermodulation	$\geq 65\text{dB}$	$\geq 60\text{dB}$
Spurious Rejection	$\geq 70\text{dB}$	$\geq 70\text{dB}$
Audio Response	+1~-3dB (0.3~3KHz)	+1~-3dB (0.3~2.55KHz)
Hum & Noise	$\geq 45\text{dB}$	$\geq 40\text{dB}$
Audio distortion	$\leq 5\%$	
Audio power output	$> 2W@10\%$	

■ Transmitter (ETSI EN 300 086 standard testing)

	Wide band	Narrow band
Power Output	60W/25W/10W (VHF)	45W/25W/10W (UHF)
Modulation	16K Φ F3E	11K Φ F3E
Adjacent Channel Power	$\geq 70\text{dB}$	$\geq 60\text{dB}$
Hum & Noise	$\geq 40\text{dB}$	$\geq 36\text{dB}$
Spurious Emission	$\geq 60\text{dB}$	$\geq 60\text{dB}$
Audio Response	+1~-3dB (0.3~3KHz)	+1~-3dB (0.3~2.55KHz)
Audio Distortion	$\leq 5\%$	

Note:All stated specifications are subject to change without notice or obligation.

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