

ALINCO

License-Free

PMR446



UHF License-Free Handheld Transceiver

DJ-V446

The Power To Perform !

This new UHF handheld transceiver packs a lot of performance into a rugged polycarbonate body. Designed to resist water, dust and dirt, the DJ-V446 features commercial-radio grade specs such as 500mW audio output with a large 40mm ϕ speaker and 2.5ppm frequency stability thanks to TCXO circuit. Capable of operating full legal-power in PMR446 service with 39 tone-squelch and 200 memory-channels; keep in touch around the house, down the road, in a theme-park, shopping mall, exhibition hall, for business, construction, factory, warehouse, outdoor sports, hunting, fishing...where you need to talk to someone, the DJ-V446 is a brilliant alternative to a mobile phone!

Specifications

General

- Frequency coverage : [TX/RX] 8ch PMR446 frequencies in UHF ● Mode : F3E(FM)
- Memory channels : 200 channels
- Frequency stability : ± 2.5 ppm
- Power supply requirement : 7.0~16.0V DC(negative ground) ● Current drain (Approx.) : 600mA TX(13.8V DC) / 250mA receive at 500mW audio output / 70mA squelched / 26mA battery-save on
- Usable temperature range : $-10 \sim +60^{\circ}\text{C}$ ($14 \sim 140^{\circ}\text{F}$)
- Dimensions(Projections not included) : 58(W) \times 110(H) \times 36.4(D)mm [2.28"(W) \times 4.33"(H) \times 1.43"(D)inches]
- Weight : Approx. 280g(9.9oz)with EBP-65N
- Sub audible Tone(CTCSS) : encoder/decoder 39tones

Transmitter

- Output power : Approx.500mW
- Modulation system : Variable reactance FM
- Spurious emissions : Less than -60 dB
- Max.frequency deviation : ± 2.5 kHz

Receiver

- Receive system : Double conversion superheterodyne
- Intermediate frequencies : 1st : 38.85MHz/2nd : 450kHz
- Sensitivity(12dB SINAD) : -11.0 dB μ (0.28 μ V) or less
- Selectivity : -6 dB : 6kHz or more / -60 dB : 13kHz or less
- Audio output power : 500mW (MAX) / 400mW(8.0% THD)

Features

- Rugged, polycarbonate design resists rain (IPX7 compatible), dirt and dust
- 200 memories to program operating parameters and tone-squelch tones
- Cable cloning to share the master setting with multiple radios instantly
- High-performance 1/4 λ whip antenna
- Works with 6 AA cells, rechargeable packs or an external DC source
- Ergonomically designed body 58W x 110H x 36.4D mm or 2.28W x 4.33H x 1.43D inches (w/o projections), weighs approx.280g or 9.9oz inclusive of EBP-65N and antenna
- 3 types of Scan functions (Channel, Memory, Tone) with timed/busy settings
- 39 CTCSS tones and 5 different Alert/Tone Burst Tones
- Simple, easy-to-use interface and Backlit, large LCD screen with alphanumeric display mode, suitable for commercial-applications.
- Microphone, speaker and external DC ports
- Includes 2-level Attenuator, Auto-Power-OFF, Busy-Channel-Lockout, Time-Out-Timer, Battery Saver, Bell function (pager) and more at No extra costs!



Belt Clip Hand strap



Water-resistant accessory port

Standard Accessories

- EBP-65N (7.2V 700mA Ni-MH battery pack)
- EDC-147 or EDC-148 (UK-plug) wall-charger
- Belt Clip
- Hand strap

● Vast varieties of accessories including battery-packs, rapid-chargers, headsets, microphones and more are available. Please contact your Alinco dealer for details.

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Alinco's Toyama facility is ISO-9001 / ISO-14001 compliant.

Authorized Dealer: