

# ALINCO

VHF/UHF FM DUAL BAND HANDHELD TRANSCEIVER

# DJ-V57

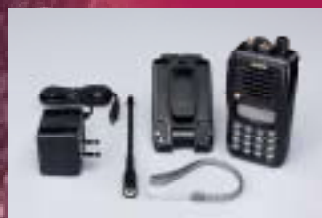
## Double Your Radio Fun with this Tough Talker Dual Band HT!

Rugged polycarbonate, water-resistant design makes this full-powered pocket size pal the perfect choice for camping, backpacking, hiking, fishing or any outdoor fun.

Ergonomically designed to fit in the palm of your hand, this dual band HT is the newest member of the Alinco family and carries on the proud tradition of high quality transceivers that combine leading edge technology with simple operation. The sound quality will amaze you as its large 40mm internal speaker delivers crisp, clean audio.

### Engineered for success, this dual-bander is packed with features

- 2m/70cm dual-band hand held transceiver
- Choice of 3 power output levels: High 5W(13.8VDC), Low 0.5W and userselectable Mid-power (1-3W)
- Quick-write memory channel (Uses a single key touch to copy current VFO data to the Lowest number of memory channels available)
- Direct frequency input through illuminated keypad
- High-grade water-resistant materials compatible to IPX7
- Rugged polycarbonate body resists dirt and dust
- Great audio with large 40mm internal speaker
- Easy-to-read backlit alphanumeric display
- 200 Memories, plus one call channel on each band
- VFO, Memory and Scan modes
- 39 CTCSS tone squelch (encode + decode) and 104 DCS
- Search-scan (programmed scanning) available on each band
- Tone burst function (1000, 1450, 1750 and 2100Hz)
- Battery-drain function avoids memory effect
- Two-touch repeater-setting access
- Internal VOX
- Wire cloning capability
- SMA antenna port
- 2-level attenuator
- DTMF encode and auto-dialer



T version's Standard Accessories  
\*E version comes with EDC-159E rapid Li-Ion stand charger and EBP-63.  
See the back for details of accessories.

The IPX7 designation provides for limited waterproofing of the radio. The specifications are immersion in one meter (approx 3ft) of still water for up to 30 minutes. This compatibility is factory guaranteed for a period of one year provided all the jack covers are securely in place, any accessories connected must be genuine Alinco water-proof accessories and the radio has not been disassembled by the customer. The factory has tested and made the equipment compatible to IPX7 certification during engineering. However, please understand that this equipment is NOT certified IPX7 compliant but is designed to remain operational when used in rain, severe weather or in accidental cases of dropping it in water when used in extreme conditions and is in no way stating that you should attempt use the radio under water or submerge the radio for cleaning. Warranty will not cover radios that are water damaged due to negligence or misuse of the product.



# 2m/70cm

Enjoy all your favorite outdoor activities with this rugged dual band HT featuring a choice of 3 power output levels up to a maximum of 5 W VHF and 4.5 W UHF on the supplied battery or 5W on either band on external 13.8VDC. Its tough polycarbonate case resists moisture and rain so you can take it practically anywhere!

### Plenty of Memories

With 200 alphanumeric memory channels, plus a call channel on each band, you can store all your favorite frequencies for easy access. The two-touch repeater access uses a special memory channel to store the most often used repeater access parameters. To access a repeater, simply push the FUNC and RPT keys to temporarily overwrite current repeater settings.

### DTMF AutoDialer with Memory

Large 16 button keypad for encoding makes it easy to use the autodial memories and redial function.

### Standard accessories

(T-version) AC adapter EDC-146/Belt clip EBC-22/Rubber duck antenna EA-114/Carry strap/Ni-MH Battery pack EBP-65 7.2V 700mAh

(E-version) Battery Charger EDC-159E/Belt clip EBC-22/Rubber duck antenna EA-114/Carry strap/Li-ion Battery pack EBP-63 7.4V 1100mAh

### OPTIONS

EBP-63	: Li-ion Battery Pack (DJ-V57E Standard / DC 7.4V 1100mAh)
EBP-64	: Li-ion Battery Pack (DC 7.4V 1600mAh)
EBP-65	: Ni-MH Battery Pack (DJ-V57T Standard / DC 7.2V 700mAh)
EBP-66	: Ni-MH Battery Pack (DC 7.2V 2000mAh)
EDC-36	: Mobile Cigarette Lighter Adapter with Active Noise Filter
EDC-37	: External DC Power Supply Cable
EDC-43	: Mobile Cigarette Lighter Cable for Charging Ni-MH Packs
EDC-146	: Wall Charger (120V)
EDC-147	: Wall Charger (230V)
EDC-148	: Wall Charger (230V U.K. Plug)
EDC-143T/E/UK	: Ni-MH Trickle Battery Charger (T:120V / E:230V / UK:230V UK plug)
EDC-144A/E/UK	: Rapid Battery Charger (A:120V / E:230V / UK:230V UK plug)
EDC-159T/E	: Rapid Li-ion Battery Charger (T:120V / E:230V)
EDC-160T/E	: Rapid Ni-MH Battery Charger (T:120V / E:230V)
EDH-34	: Dry Cell Case
EA-114	: Whip antenna (as a spare part)
EDS-10/14	: Microphone/Speaker Cable
EDS-11	: Clone Cable
EME-4	: Earphone Microphone*
EME-6	: Earphone*
EME-26	: Earphone* (curl-cord)
EME-12A	: Headset with VOX*
EME-13A	: Earphone and MIC with VOX*
EME-15A	: Tie-pin MIC with VOX*
EME-23	: Earphone Microphone*
EME-32A	: Heavy-duty Earphone Microphone
EME-34A	: Earphone Microphone*
EME-36A	: Earphone Microphone
EMS-47	: Speaker Microphone with Audio Control*
EMS-59	: Speaker Microphone*
EMS-62	: Speaker Microphone
ERW-4C	: PC Programming cable (serial port)*
ERW-7	: PC Programming cable (USB port)*
ESC-41	: Soft Case (For all battery packs)

\* EDS-10 or 14 required.

### Specifications

\* Specifications subject to change without notice or obligation.

#### General

Frequency-range	[T:TX] 144~147.995MHz, 420~449.995MHz [T:RX] 136~173.995MHz, 400~511.995MHz [E:TX/RX] 144~145.995MHz, 420~439.995MHz
Modulation	F3E (FM)
Channel steps	5, 10, 12.5, 15, 20, 25 & 30kHz
Antenna impedance	50Ω unbalanced
Frequency stability	±2.5ppm
Power supply requirement	DC 7.0~16.0V (EXT DC-IN)
Current drain (Approx.)	TX : 1.6A VHF/ 1.9A UHF at 13.8V DC RX : 250mA Receive at 500mW 80mA stand-by/27mA Battery save on
Temperature range	External DC: -10°C~+60°C (+14°F~+140°F) Battery packs: -10°C~+45°C (+14°F~+113°F)
Ground	Negative ground
Dimensions with EBP-65N	58(W)x110(H)x34(D)mm 2.28"(W)x4.33"(H)x1.34"(D)inches
Weight	Approx. 270g / 9.6oz with EBP-63 & antenna

#### Transmitter

Output power (Approx.)	DC 13.8V :5W/2W/0.5W EBP-63/64/65/66 :VHF 5W/UHF 4.5W /2W/0.5W
Modulation	Variable reactance frequency modulation
Spurious emission	-60dB or less
Max. deviation	WFM ±5kHz/NFM ±2.5kHz
Mic. impedance	2kΩ

#### Receiver

Receive system	Double-conversion superheterodyne
Intermediate frequencies	1st IF : 38.85MHz / 2nd IF 450kHz
Sensitivity (12dB SINAD)	VHF: -14.0dBμ (0.2μV) or less UHF: -12.0dBμ (0.25μV) or less
Selectivity	-6dB: 12kHz or more / -60dB: 35kHz or less
Audio output power	More than 400mW(8Ω 10% THD) / 500mW(MAX)



with optional Li-ion charger  
(E-version standard)



Rear View

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