

ALINCO

Simple-Clean-Dependable



rear view



upper view

144MHz FM 5-watt Handheld Transceiver

DJ-S17E

430MHz FM 4.5-watt Handheld Transceiver

DJ-S47E

144MHz FM 5-watt Handheld Transceiver

DJ-V17T/E

430MHz FM 4.5-watt Handheld Transceiver

DJ-V47T/E

222MHz FM 5-watt Handheld Transceiver

DJ-V27T

Tough Talkers Speak Volumes About Quality!



DJ-S17E



DJ-V17T/E



DJ-V27T



DJ-V47T/E



DJ-S47E

*Commercial-use versions also available..Please see the specification.

These Rugged Pocket-Size HTs are Perfect Companions for Outdoor Activities.

Introducing the next generation of water-resistant VHF&UHF FM monoband transceivers—DJ-V/S17, V27 and V/S47.

Alinco combines rugged polycarbonate materials, an ergonomic design and leading edge technology in these attractive, compact full-powered FM HTs that are compatible to IPX7* so they are submersible 1m/3ft. for 30 minutes! Unlike water-resistant radios you may have looked at before, the DJ-V/S17~47 have a large 40mm internal speakers so the audio is clean and crisp, not muffled. The superior speaker design provides 500mW max audio-output for high quality audio. With a full range of features and choice of power options, these tough talkers resist moisture and rain. Take one with you when you enjoy outdoor activities such as fishing, camping, snow-sports or volunteer public radio services.

*Alinco guarantees this feature for 1 year provided all jack covers are properly and securely closed.

The new generation DJ-V/S17, V27 and V/S47 are loaded with features, including:

- 5W(VHF models)/4.5W(UHF models) output with EBP-65 Ni-MH pack, LOW (0.8W) setting available
- Direct frequency input through illuminated keypad (V-models only)
- DTMF Autodialer with Memory (V-models only)
- New, two-touch repeater access
- High grade waterproof materials compatible to IPX7* (submersible 1m/3ft. for 30 min.)
- Rugged polycarbonate body
- Large 40mm internal speaker for great audio!
- Highly visible backlit alphanumeric display
- 200 Memories, plus one call channel
- VFO, Memory and Scan modes
- Ultra-flexible antenna with SMA connector avoids breakage
- 39 CTCSS tone squelch (encode+decode) settings
- Tone burst function (1000, 1450, 1750 and 2100Hz)
- Battery-drain function avoids memory-effect
- Ergonomic design, fits in the palm of your hand
- Wire cloning capability
- SMA antenna port
- 2-level attenuator
- Wide variety of optional accessories

DJ-S17E/TFH* DJ-V17T/E/TFH*/R* DJ-V27T DJ-S47E DJ-V47T/E/T1*/T2*



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Get in on the excitement with the new DJ-V/S17~47 HTs. Its rugged polycarbonate case and full 500mW max audio output make it the perfect companion for outdoor activities.

200 Memories

Plenty of memories for your favorite frequencies. 200 alphanumeric memory channels plus one call channel. New two-touch repeater access uses a special memory channel to store the most common repeater-access parameters. To access the repeater, just push FUNC and RPT key so that the parameters temporarily overwrite the current repeater setting, even if you are in the CALL or memory-channels with different repeater settings.

Long-Lasting Battery Power

Special battery drain function avoids battery memory effect. By using this function, the radio automatically turns on the back-light, outputs low-level audio and turns off the battery save function to help discharge the remaining battery level before recharge. Comes standard with a Ni-MH battery but also uses optional Li-ION and Ni-MH battery packs or AA dry cell case.

DTMF Autodialer with Memory (V-models only)

Includes nine autodial memories plus redial function.

OPTIONS

- EBP-63 : Li-ion Battery Pack (DC 7.4V 1100mAh)
- EBP-64 : Li-ion Battery Pack (DC 7.4V 1600mAh)
- EBP-65 : Ni-MH Battery Pack (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-143T/E/UK : Trickle Battery Charger (T:120V E: 230V UK: 230V UK plug)
- EDC-143R : Multiple-Charger Basket**
- EDC-144A/E/UK : Rapid Battery Charger (A:120V E: 230V UK: 230V UK plug)
- EDC-144R : Multiple-Charger Basket**
- EDC-146 : Wall Charger (120V)
- EDC-147 : Wall Charger (230V)
- EDC-148 : Wall Charger (230V) UK plug
- EDH-34 : Dry Cell Case
- EDS-10 : Microphone/Speaker Cable
- EDS-11 : Clone Cable
- EME-6 : Earphone*
- EME-12 : Headset with VOX*
- EME-13 : Earphone and MIC with VOX*
- EME-15 : Tie-pin MIC with VOX*
- EME-20 : Earphone Microphone*
- EMS-47 : Speaker Microphone with Audio Control*
- EMS-59 : Speaker Microphone*
- ESC-41 : Soft Case
- EME-32A : Earphone Microphone (EDS-10 Not required)
- EMS-62 : Speaker Microphone (EDS-10 Not required)

* EDS-10 required. ** An external DC power supply required.

SPECIFICATIONS

General

	Ham radio versions		
	DJ-V/S17	DJ-V/S47	DJ-V27T
Frequency range	E : TX/RX144~145.995MHz	430~439.995MHz	
T:	T : TX 144~147.995MHz	420~449.995MHz	222~224.995MHz
E: CE0336	RX 130~173.995MHz	Approx.420~460MHz	216~249.995MHz

Commercial-use versions

- DJ-S/V17TFH/R:TX/RX 136~173.995MHz (150~173.995MHz*)
- DJ-V47T1:TX/RX 400~459.995MHz (400~429.995MHz*)
- DJ-V47T2:TX/RX 440~479.995MHz (450~469.995MHz*)

* Guaranteed range per specifications below. Available only where permitted.

Modulation	F3E (FM)		
Frequency step	5, 10, 12.5, 15, 20, 25, 30kHz step		
Memory channel	200 channels + 1 call channel + 1 Repeater-Access function memory		
Antenna impedance	50 Ω unbalanced		
Frequency stability	±5ppm	±2.5ppm	±2.5ppm
Mic. impedance	2k Ω		
Supply voltage	DC 7.0~16.0V (EXT DC-IN)		
Current consumption	Transmit high at 5W (typical) V/S17 : 1.4A V/S47 : 1.7A V27 : 1.6A Receive at 500mW AF output (typical) 250mA Standby(typical) V/S17 : 70mA V/S47 : 80mA V27 : 80mA Battery save on(typical) V/S17 : 25mA V/S47 : 27mA V27 : 27mA		
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		
Dimension	58(W)x110(H)x36.4(D)mm		
(W/o projection)	(2.28"(W)x4.33"(H)x1.43"(D)) with EBP-65		
Weight	Approx.280g (9.9oz) with EBP-65 & antenna		
Subaudible Tone (CTCSS)	encoder/decoder installed (39 tones)		
Digital Coded SQ. (DCS)	encoder/decoder installed (104 codes)		

Transmitter

	DJ-V/S17	DJ-V/S47	DJ-V27
Power output	with EBP-65: Approx. 5W with DC 13.8V: Approx. 5W LOW output: Approx. 0.8W	Approx. 4.5W Approx. 5W Approx. 0.8W	Approx. 5W Approx. 5W Approx. 0.8W
Modulation	Variable reactance		
Spurious emission	-60dB or less		
Max. deviation	±5kHz		
Mic. impedance	2kΩ		

Receiver (All models unless otherwise specified)

System:	Double-conversion super heterodyne		
Sensitivity	V/S17 & V27 : -14.0dBμ (0.2μV) or less V/S47 : -12.0dBμ (0.25μV) or less		
Intermediate frequency	V/S17 : 1st IF 21.7MHz 2nd IF 450kHz V/S47 & V27 : 1st IF 38.85MHz 2nd IF 450kHz		
Selectivity	-6dB: 12kHz or more -60dB: 26kHz or less		
AF output	500mW (MAX) 400mW (8Ω, 10% distortion)		

All specifications are subject to change without notice or obligation.

※ Wide mode : 25kHz band step
Narrow mode : 12.5kHz band step

Authorized Dealer:

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