

ALINCO

UHF FM 430MHz HANDI-TRANSCIVER

DJ-S45 T/E



An operator's license is required to operate this product.

Tough Enough to Tackle The Elements!

Alinco's engineers have combined leading edge technology in a compact UHF HT design that offers a full range of features plus a choice of power options. The rugged design is resistant to rain, dirt and dust. Check out all the extras!

- Rugged, polycarbonate design resists rain, dirt and dust
- Advanced Quick Repeater Access mode allows you to recall previously set parameters with just 2 key actions regardless of current frequency setting. Unlike other auto-repeater settings that limit the frequency range, these repeater-access parameters can be set separately from the original default parameters
- Output: 2W with 6.0V external DC power source
approx. 1W with optional EBP-60 Li-Ion pack
approx. 0.5W with 2 Alkaline AA cells
approx. 0.4W with 2 Ni-MH rechargeable AA cells
Low power TX position (approx. 500mW at 6.0Vdc, approx 150mW at 2 AA Ni-MH cells)
- Back-lit, Easy-to-Read LCD display
- 100 memories
- Computer-programmable with free software downloadable from Alinco website (with optional ERW-4C cable)
- SMA port and lightweight flexible whip antenna
- Receives 420-474MHz (T version only)
- Works with 2 AA cells yet powerful TX output and clear, crisp 200mW

- audio out
- 3 types of Scan functions (VFO, Memory, Tone) with timed/busy settings
- 39 separately selectable CTCSS encode/decode tones
- 3 different Tone Burst Tones
- 9 tuning steps and 1 MHz shift to quickly tune frequency
- Compact size 57W x 98H x 29.7D mm or 2.24W x 3.86H x 1.17D inches (w/o projections)
- Weight 162g or 0.36 lb inclusive of 2 AA alkaline cells and antenna
- Includes Auto-Power-OFF, Busy-Channel-Lockout, Time-Out-Timer, Battery Saver, Tone Call and Bell (pager)
- Mic/SP/EXT-DC ports
- MARS modifiable (T version only)

Standard Accessories

- Belt Clip
- Handstrap



Optional Accessories

- Speaker Headset with VOX (EME-12A)
- Earphone Headset with VOX (EME-13A)
- Speaker-microphone (EMS-59, EMS-47)
- Tie Pin Microphone with VOX (EME-15A)
- Heavy Duty Earphone Microphone (EME-21A)
- Earphone Microphone (EME-23A)
- Earphone (EME-6)
- Rechargeable Li-Ion battery pack (EBP-60)
- Quick Batter Charger 120Vac (EDC-138A)
- Quick Battery Charger 240Vac (EDC-138E/UK)
- Soft case (ESC-40)
- Cigar-adaptor (EDH-33)
- Computer control cable (ERW-4C)

Specifications

- Frequency Range / [T]TX: 420.000-449.995MHz RX: 420.000-473.995MHz [E]TX: 430.000-439.995MHz RX: 430.000-439.995MHz ● Modulation / F3E ● Ant. Impedance / 50Ω
- Supply Voltage / 3.0-6.0VDC(DC-JACK), 2xAA Batteries, Li-Ion pack ● Current (approx.) / [Transmit] Hi/1.00A Lo/0.45A [Receive] 60mA ● Freq. Stability / +/-5ppm ● Dimensions / 57(W)x98(H)x29.7(D)mm (Projections exclusive) ● Weight (approx.) / 162g (2xAA Batteries and SMA Antenna inclusive)
- Power Output (DC6.0V)(approx.) / Hi/2W Lo/0.5W ● Modulation / Variable Reactance ● Max Deviation / +/- 5 kHz ● Spurious Emission / -60dB or less ● Mic. Impedance (approx.) / 2kΩ
- System / FM: Double-conversion super heterodyne ● Intermediate Freq. / FM: 1st 21.7MHz, 2nd 450kHz ● Sensitivity / -15dBu or less (12dB SINAD) ● Selectivity / -6dB : 6 kHz or more -60dB : 14 kHz or better, -60dB; 35kHz or less ● AF Output / 180mW or over (MAX) 150mW or over (10% Distortion Factor 8Ω
- Spurious respons / 60dB or over

Specifications may be changed without a preliminary announcement in connection with technical development. Standard accessory may vary. Please consult with your local dealer before purchase.

