

**ALINCO**

**DJ-F1T/E DJ-F4T/E  
DJ-S1T/E DJ-S4T/E  
VHF/UHF FM  
MINI HANDHELD TRANSCEIVER**



## SPECIFICATIONS

### □ GENERAL

Frequency Coverage: **F1T & SIT:** TX:144 000-147 995MHz  
RX:138.000-173.995MHz  
(AM Mode 118-136MHz after Modification)  
**F1E & S1E:** TX:144.000-145.995MHz  
RX:144 000-145 995MHz  
**F4T & S4T:** TX:440.000-449.995MHz  
RX:410.000-470.000MHz  
**F4E & S4E:** TX:430.000-439.995MHz  
RX:430.000-439.995MHz

Memory Channel: 40 Channels + 1 Call Channel  
Channel Steps: 5, 10, 12.5, 15, 20, and 25kHz  
Standard Shift Frequency: **F1T/E & S1T/E:** 600kHz  
**F4T & S4T:** 5MHz  
**F4E & S4E:** 7.6MHz  
(Resettable by 5kHz[Minimum] between 0 and 15.995MHz)

Emission Type: F3  
Antenna Impedance: 50 Ω  
Microphone Impedance: 2k Ω  
Ground: Negative  
Speaker Impedance: 8 Ω  
Operating Voltage: rated 9V  
Dimensions: 110(H) × 53(W) × 37(D)mm (4.3 × 2.1 × 1.5 inch)  
• with Standard Battery Pack or Standard Dry Cell Battery Case  
• without Projections

### Weight:

**F1T/E & F4T/E:** Approx: 375gr(13.2oz)  
with Standard Battery Pack  
**S1T/E & S4T/E:** Approx: 370gr(13oz)  
with Standard Dry Cell Battery Case

### □ TRANSMITTER

Output Power: at 9V  
Hi: 2.5W(F1T/E & S1T/E)  
2W(F4T/E & S4T/E)  
Mid: 1W  
Low: 0.1W

Modulation System: Variable Reactance Frequency Modulation  
Max. Freq. Deviation: ±5kHz  
Spurious Emission: Less than 60 dB below carrier  
Microphone: Built-in Electret Condenser

### □ RECEIVER

Receiving System: Double-conversion superheterodyne  
Sensitivity: 12 dB SINAD less than -15 dBμ  
Intermediate Frequencies: 1st: 23.05MHz  
2nd: 455kHz

### □ STANDARD ACCESSORIES

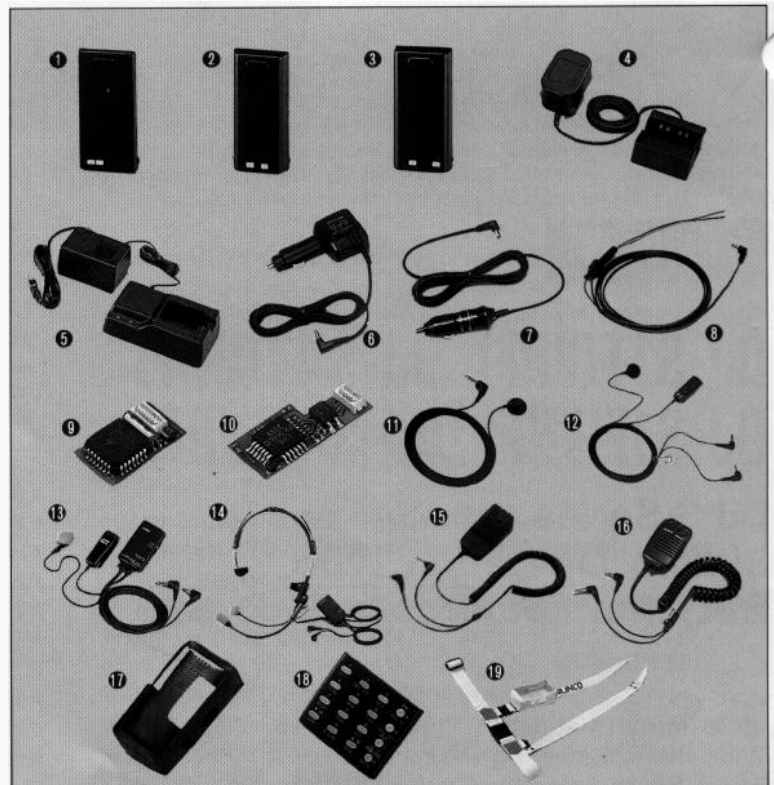
- ① Dry Cell Battery Case-EDH-5(DJ-SIT/E, S4T/E Only)
- ② Ni-Cd Battery Pack(7.2V/700mAh)—EBP-16N(DJ-F1T/E, F4T/E Only)
- ③ AC Wall Charger—EDC-24(120V) DJ-FIT, F4T Only  
EDC-25(220V) DJ-F1E, F4E Only
- ④ VHF Antenna—EA-17(DJ-F1T/E, S1T/E Only)
- ⑤ UHF Antenna—EA-18(DJ-F4T/E, S4T/E Only)
- ⑥ Belt Clip(with Screws)-EBC-3
- ⑦ Hand Strap

NOTE: • Any EBP-14N, EBP-16N, and EBP-18N can be charged with EDC-24 or EDC-25, and EDC-34 or EDC-35 for quick charging purpose.  
• specifications are subject to change without notice and are guaranteed for amateur band only.

## ACCESSORIES

### □ OPTIONAL ACCESSORIES

- ① EBP-14N Ni-Cd Battery Pack 7.2V/400mAh (Thin Type)
- ② EBP-16N(Standard for F Series) Ni-Cd Battery Pack 7.2V/700mAh
- ③ EBP-18N Ni-Cd Battery Pack 12V/600mAh
- ④ EDC-24(120V, Standard for F1T & F4T)  
EDC-25(220V, Standard for F1E & F4E)  
Wall Charger
- ⑤ EDC-34(120V)  
EDC-35(220V)  
AC/DC Quick Charger
- ⑥ EDC-36 Mobile DC Power Cable
- ⑦ EDC-43 Mobile DC Power Cable w/Filter
- ⑧ EDC-37 Cable for Power Supply at 13.8V
- ⑨ EJ-IOU(Built-in as Standard for F Series)  
DTMF Encoder/Decoder Unit
- EDH-5 Dry Cell Battery Case(Standard for S Series)
- EA-17 VHF Antenna(Standard for VHF Type)
- EA-18 UHF Antenna(Standard for UHF Type)
- EBC3 Belt Clip(Standard)
- ⑩ EJ-12U Tone Squelch Unit
- ⑪ EME-6 Earphone
- ⑫ EME-4 Earphone/Microphone w/PTT
- ⑬ EME-11 Earphone/Microphone w/PTT.VOX
- ⑭ EME-10k Headset w/PTT.VOX
- ⑮ EMS-22 Speaker/Microphone
- ⑯ EMS-8 Remote Control Speaker/Microphone
- ⑰ ESC-15 Soft Case for EBP-16N
- ⑱ ESK-I(Built-in as Standard for F Series)  
DTMF Key Pad
- ⑲ EBC-5 Shoulder Belt w/Soft Case



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