

ALINCO

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



SPECIFICATIONS

□ GENERAL

Frequency Coverage: **F1T1 & S1T:** 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
F4T1 & S4T1: 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
F4T1 & S4T1: 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: 1 st: 23.05MHz
 2nd: 455kHz

□ STANDARD ACCESSORIES

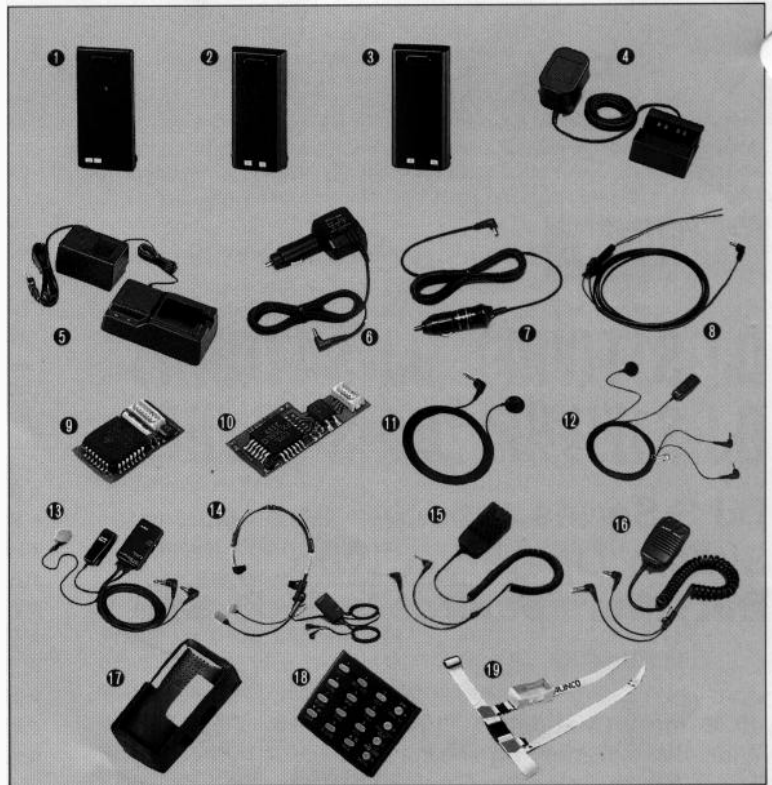
- ① Dry Cell Battery Case-EDH-5(DJ-SIT/E, S4T/E Only)
- ② Ni-Cd Battery Pack(7.2V/700mAh)—EBP-16N(DJ-F1T/E, F4T/E Only)
- ③ AC Wall Charger—EDC-24(120V) DJ-FIT, F4T1 Only
 EDC-25(220V)DJ-F1E, F4E Only
- ④ VHF Antenna—EA-17(DJ-F1T/E, S1T/E Only)
- ⑤ UHF Antenna—EA-18(DJ-F4T/E, S4T/E Only)
- ⑥ Belt Clip(with 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

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



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