ALINCO
Quality. Style. Performance!

DIGITAL PRO
DJ-NX45T NXDN™
UHF Digital & Analog Transceiver

FC | MIL-STD-810 Compliant Vibration / Shock | IP67

*MIL-STD-810G shock/vibration compliant
*IP67 Waterproof and Dust-tight compliant

A Simple, Reliable yet Affordable Dual Mode
NXDN™ Transceiver

The new DJ-NX45T is a rugged simple-to-operate NXDN digital or conventional SCPC transceiver.

Digital / Analogue Dual mode & User-friendly operability

The DJ-NX45T is a digital/analog dual mode transceiver compatible with NXDN operation. DJ-NX45T makes it ideal for simple business communications.

Long lasting battery life & Fast charge

A large capacity waterproof battery pack, EBP-101 (1800mAh typ.) provides 10 hours of operating time. The supplied charger charges an empty battery pack in 4 hours.

Clear & Loud Audio

A powerful 5W audio output and an AMBE+2 ™ vocoder delivers high quality, noise-free and crisp sounds.

Safety and Security features

Digital voice scrambler, Lone worker and Emergency call features provide safer and secure communications.

Ingress Protection 67 and MIL-810G Shock / Vibration tested

A compact yet rugged construction, DJ-NX45T is rated IP67 protection against dusts and water. DJ-NX45T has also been tested to comply MIL-STD 810G shock and vibration Standards.
(Voids IP67 when an external microphone is connected.)

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FC

ALINCO INCORPORATED

Convenient Features

- Voice Announcement
- Programmable Side & Top keys
- Built-in VOX
- PC Programming
- Auto Power Off
- Busy Channel Scan
- Priority Scan
- CTCSS/DCS Encode & Decode (Analogue mode)
- Time-out Timer
- Battery Saver
- Busy Channel Lockout

Standard Accessories

Specifications

GENERAL

Frequency Range	400 - 470 MHz
Channel Capacity	320channels (16ch x 20 Groups)
Channel Spacing	Digital : 6.25kHz Analog : 12.5kHz (Narrow) 25kHz (Wide)
Operating Voltage	7.4V DC±20%
Battery Life	10 Hours (1800mAh), by TX 5 (Sec)-RX 5 (Sec)-Standby 90 (Sec) working cycle
Frequency Stability	±2.5 ppm
Operating temperature	-20～+60℃
Size (Approx)	120x59x38mm (with battery pack)
Weight (Approx)	238g (with battery pack and anttena)

* Based upon 5% transmit/ 5% receive/ 90% standby (standard duty cycle)
 Specifications subject to change without notice or obligation.

TRANSMITTER

Power Output	4W (High) / 2W (Middle) / 1W (Low)
Modulation	4K00F1E / 4K00F1D / 4K00F7W / 11K0F3E (4800 bps Conventional Mode)
Adjacent Channel Power	≧55dB

RECEIVER

Adjacent Channel Selectivity	≧55dB
Intermodulation	≧55dB
Suprious Rejection	≧70dB
Audio Power Output	1000mW / 10%
Audio Distortion	≦5%
Sensitivity	Analog : 0.2μV(12dB SINAD) Digital : 0.28μV(3% BER)

Standard Accessories (A strap is included)

Antenna	Li-ion battery pack	Rapid charger stand	AC adapter	Belt clip
EA-259	EBP-101 (7.4V,1800mAh)	EDC-219	EDC-305	EBC-51

Standard accessories declared herein are our factory default and may vary at moment of sales depending on the market and Dealers' sales policy.

Options

● PC Interface Cable (ERW-22A)

Please consult your dealer for utility software before purchase. Alinco releases such software to authorized dealers only.

⚠ **Attention:**
- Conventional mode only. DJ-NX45T does NOT support Type-C/D Trunking.
- F3E Analog mode is also supported , but not usable in USA due to restriction applied to analog radio certification by FCC.

Authorized Dealer: