

# ALINCO

# DJ-X10

WIDE RANGE COMMUNICATIONS RECEIVER

● 0.1~2000MHz\* ● Channel Scope ● AM-WFM-NFM-SSB-CW ● 1200 Memories ● Auto-Scan

- Multi-mode reception in the range of 0.1 to 2000MHz\*
- The Channel Scope spectrum analyzer for monitoring upto 40 channels at a glance.
- Large 36 digit Dot-Matrix + 22 Segment Illuminated Display.
- Advanced User-Friendly features: HELP message, Personalized Channel Name, Memory cloning, Auto Memory Write Scan.
- 1200 memory channels
- Superb Sensitivity, Clear Sound.



[\*U.S. Version cellular blocked]

## The Hyper Grade Receiver for Listeners of All Levels

The DJ-X10 is a handheld scanner covering from LF to UHF in AM, WFM, NFM, SSB (USB/LSB), and CW modes. Advanced features can be used easily by beginners by selecting the beginner-mode, while experienced users may select the expert-mode to execute top-notch operation.

### 0.1 ~ 2000MHz\* Coverage

Experience the world of radio communications with the wide range coverage in multi-modes. Besides local and overseas broadcasts, the DJ-X10 can receive emergency services, amateur and CB radios, TV audio, trains, taxis, weather, government, military, and business services. (\*U.S. version cellular blocked)

### Multi-Mode Reception with superb audio

Multi-mode reception with good sensitivity in AM, WFM, NFM, USB, LSB, or CW, the DJ-X10 delivers superb audio from its tiny body. User programmable band-plan automatically changes mode and step as it scans.

### Channel Scope-Alinco technology for visual airwave monitoring

Ever since its first introduction on handheld radio in 1993, the Channel Scope has been upgraded to the leading edge of the technology. This spectrum visual display lets you see activities of 40 channels at a glance, with user selectable span. Compare it with scopes of other receivers: the all-mode, sweep-scanning, peak-search (and more!) features prove that the DJ-X10 Channel Scope is the most advanced visual monitor you can get in a scanner.



### High Tech Operation for All Users

Guided by user-friendly software, human-to-machine interface has never been so smooth:

- HELP message feature: similar to computer operation, help messages appear upon user request.
- User Level Selection: First time users may select the beginner mode to get acquainted with operation without sacrificing the high-tech features, while experienced users would enjoy the customized high-level scanning under the expert mode.
- Text-Edit feature: Put a name-tag on each memory channel and bank, for flexible management of the memory contents. You can use 163 letters and figures for each 8 digit name. Tag them with call signs, ID's, nicknames, or group-names; your choice of frequencies is now like choosing from your customized Menu.
- Automatic Memory Write while scanning: This feature automatically loads memories with frequencies where a signal was received.



### More Memories to use

The EEPROM based non-volatile memories are pre-installed so that you have 1200 channels to work on right from the beginning. Memory channels are sorted to 30 different groups (or banks) for organized system operation.

### Various Scanning Modes

You can catch the latest information with various scan modes DJ-X10 offers: Programmed Scan up to 10 groups, Memory Scan, Programmed Memory Scan, Selected-Mode Scan, VFO Scan, Dual-VFO Scan, Linked-Range Scan, Priority Scan, and you can enhance the scan efficiency by skip function up to 1000 skip channels (for program/memory scanning). The unique Automatic Memory Write Scanning greatly reduces cumbersome operation by letting the DJ-X10 automatically memorize frequencies where signals were received (VFO/Programmed scan).



### Yet More Features

Auto-timer-ON, Auto-timer-OFF, Clock, Cable-Cloning, Demo display-mode, Key lock, Priority-watch, Display-contrast-control, Low-battery-alarm, VFO > Memory, Attenuator, Lamp-modes.

### Specifications

- Frequency: 0.1 to 2000MHz\*  
 Mode: WFM/NFM/AM/CW/USB/LSB  
 Antenna Impedance: 50Ω unbalanced  
 Receiver System: Triple Super-heterodyne  
 I.F.: 1st. 736.25/275.45MHz, 2nd 45.05MHz, 3rd 455kHz/10.7MHz (WFM)  
 Selectivity: SSB/CW - 6dB/4kHz or better; AM/NFM - 6dB 15kHz or better; WFM - 6dB 150kHz or better  
 Power supply: 4.8 ~ 6V DC negative ground  
 Current consumption: At nominal AF output 200mA, Squelched 140mA, Squelched with BS 30mA  
 Stability: better than 10 ppm (-10 ~ +50°C)  
 Dimensions: 57(H) x 150(W) x 27.5(D) mm (without projections)  
 Weight: 320 gr. (with EBP-37N battery pack)

### Sensitivity (typical):

Band (MHz)	AM	SSB/CW	NFM	WFM
0.1 ~ 0.5	10μV (20dBμ)			
0.5 ~ 5	1.5μV (3.5dBμ)	0.5μV (-6dBμ)		
5 ~ 30	1μV (0dBμ)	0.25μV (-12dBμ)	0.35μV (-9dBμ)	
30 ~ 1000	1μV (0dBμ)	0.5μV (-6dBμ)	0.5μV (-6dBμ)	1.5μV (3.5dBμ)
1000 ~ 1300		1.5μV (3.5dBμ)	1.5μV (3.5dBμ)	
1300 ~ 2000		10μV (20dBμ)	10μV (20dBμ)	

AM/SSB/CW: 10dB S/N. NFM/WFM: 12dB SINAD

\*U.S. Version (X10T) cellular blocked.

Specifications and design are subject to change without notice or obligations. Values are approximate. DJ-X10T: FCC approved. DJ-X10E: CE approved

### Choice of Accessories

- EBP-33N** Small-size Ni-Cd Battery 4.8V DC 650mAh
- EBP-37N** Standard-size Ni-Cd Battery 4.8V DC 700mAh
- EBP-34N** Long-life Ni-Cd Battery 4.8V DC 1200mAh
- EDH-16** Drycell Battery Case (AA x 4 pcs)
- EDC-63** Trickle charger 120V AC input
- EDC-64** Trickle charger 220V AC input
- EDC-60** Rapid Charger 120V AC input
- EDC-61** Rapid Charger 220V AC input
- EDC-36** Car-lighter cable with filter
- EDC-37** Cable for external power source
- ESC-28** Soft-case for use with EBP-33N
- ESC-29** Soft-case for use with EBP-37N
- ESC-30** Soft-case for use with EBP-34N
- EME-6** Earphone
- EBC-6** Mobile Bracket
- MG7-BC** Mobile Magnet Antenna Mount (BNCP-BNCJ)

Names in this document are used for identification purpose only and may be trade marks or registered trademarks of their respective company.

Authorized Dealer:



## ALINCO, INC.

Head office: "TWIN 21" MID Tower Building 25F  
 1-61, 2-Chome, Shiromi, Chuo-ku, Osaka 540-8580 Japan  
 Phone: 06-6946-8150 Fax: 06-6946-8175  
 E-mail: export@alinco.co.jp

U.S.A.: 438 Amapola Ave., Suite 130, Torrance, CA 90501-6201 U.S.A.  
 Phone: 310-618-8616 Fax: 310-618-8758  
 http://www.alinco.com/

Germany: Eschborner Landstrasse 55, 60489 Frankfurt am Main, Germany  
 Phone: 069-786018 Fax: 069-789-60766