

# ALINCO

Simple-Clean-Dependable

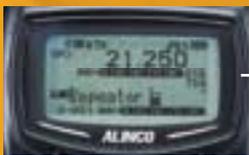
0.05~1,299.99995MHz All Mode  
Wide Band Communications Receiver

# DJ-X11

## Get the power of a desktop in a hand-held radio!

- 2VFO simultaneous RX
- Main-band coverage: 0.05~1,299.99995MHz all mode AM/FM/WFM/SSB/CW (BFO receive, not filtered) Receives short-wave! (An external antenna required for practical monitoring.)
- Sub-band coverage: VHF:118~171MHz/UHF:336~470MHz in AM/NFM
- 1200 memory channels with adjustable memory banks
- IQ signal and IF output features: DJ-X11 has an IQ signal output that can be used with 3rd-party software (freeware) to operate as a software defined radio. 10.7MHz IF signals can be used with other receiver-related software available on the internet.

SMA antenna connector



Receives short-wave



Alinco's patented ChannelScope checks signals on nearby frequencies for both bands



User-friendly icons



Large illuminated keypad & screen for easy operations



Optional ERW-8 enables the use of both clone-utility AND real-time control software.

Easy-to-use twin dial operation

Quick-release belt clip

Large function & monitor keys

DC input jack

Long-lasting 1800mAh Li-Ion battery pack

DJ-X11

Internal bar-antenna

Rugged poly-carbonate body with rubber protectors



PC-friendly signal outputs including IQ and detection circuit.



Restrictions may apply to receive communications such as public-safety, air-band etc. in some countries.  
Please consult with the local authority before operating these products.  
Cellular frequencies blocked on T model sold in USA, unblocked model available in Canada and for authorized US users with proper documentation.



# Listen to the world with this pocket-size multi-mode receiver!

## Features

- Receives FM/WFM/AM/SSB/CW using SMA antenna with internal bar antenna for AM broadcast band reception
- Pocket size unit measures 61 (W) x 106 (H) x 38 (D) mm / 2.4 (W) x 4.17 (H) x 1.50 (D) in (without projections)
- Selectable tuning steps:  
0.05/0.1/1/5/6.25/8.33/9/10/12.5/15/20/25/30/50/100/125/150/200/500kHz/1MHz
- Various scan modes: Preset, programmed, memory, VFO and tone scan
- TSQ and DCS decode
- Wire remote-control using optional EDS-12
- Long-lasting 1800mAh Li-Ion battery pack provides nearly 15 hours of operation at full audio output in a single RX mode
- 1200 Alphanumeric (up to 16 characters) memory channels with six types of memory banks; banks can be expanded up to 50 banks by using free, downloadable software
- 100 memory channels are available for each Dual-mode memory, Search-pass, Priority monitoring and Programmed Scanning pairs
- Large, illuminated full dot-matrix LCD
- Illuminated keypad for comfortable operation
- Standard Drop-in charger fully charges empty EBP-74 in 4 hours
- RF gain and attenuator for both main/sub VFOs
- Frequency counter and flash tune
- "Bug detector" function searches for hidden transmitters
- Three selectable scan speeds
- Clone function

## PC connections

ERW-7 allows you to use clone or utility software only.  
ERW-8 enables the use of both clone-utility AND real-time control software.  
Both types of software are available for download at no charge through [www.alinco.com](http://www.alinco.com). To use 3rd party SDR freeware, you will need to purchase a 3.5mm stereo mini-plug cable for connection to a PC. Functions are not guaranteed when used with 3rd party software. (ERW-4C serial cable is usable as a replacement to ERW-7 but it doesn't support firmware-update operations of DJ-X11.)

## Indicative Battery duration

- \* FM, single VFO, AF10% THD, 1 min RX/4 min Stand-by EDH-36 (with Alkaline cells) or EBP-74 : Approx. 35 hours
- \* FM, single VFO, Max AF output EBP-74 : Approx. 15 hours

## Standard accessories

Instruction manual / Whip antenna (EA-154) / Li-Ion battery-pack (EBP-74 :1800mAh, 3.7V) / Belt-clip (EBC-23) / Handstrap / Drop-in charger kit EDC-174A (120V) or EDC-174E (220V) / Dry cell case (EDH-36)

\* May vary, please ask your dealer before purchase.



## Optional accessories

- EBP-74 : Li-Ion battery pack for spare
  - EDC-174 : Drop-in charger stand for spare
  - EDC-139 : AC adapter (T/120V) for spare
  - EDC-140 : AC adapter (E/230V) for spare
  - EDC-141 : AC adapter (UK-plug/230V) for spare
  - EDH-33 : Cigar-plug DC conversion cable (12Vdc/24Vdc to 6Vdc)
  - EDH-36 : Dry cell case (3 AA cells) for spare
  - EDS-12 : Wire Remote-controller
  - EME-26 : Curly-cord Earphones
  - EME-6 : Straight-cord Earphones
  - ERW-8 : Mini USB/USB ports PC interface cable (Full-functions)
  - ESC-50 : Softcase
- ( ERW-7 USB port PC interface cable can be used for clone-utility only. )

## Specifications

### General

	Main VFO 0.05~1299.99995 MHz All-modes
	Sub VFO 118~170.995MHz & 336~469.995MHz AM/FM
Receiving range	Note: 824~850MHz, 869~895MHz blocked on T models. EGR version receives only broadcasts and Ham bands. 225~335.995 MHz in AM/FM may be usable although off-specification
Modulation mode	FM,WFM,AM,SSB(USB/LSB),CW(CU/CL)
Ant. impedance	50 ohm (SMA)
Supply voltage	DC 3.7V (EBP-74) / DC 4.5V (EDH-33) DC 5.4V~6.0V (external regulated source) negative ground
Current consumption	approx.130mA Monoband / 180mA Dualband
Temperature range	-10 to +60°C ( +14~+140°F)
Frequency stability	-7 to +3ppm
Dimensions	61 (W) x 106 (H) x 38 (D) mm 2.4 (W) x 4.17 (H) x 1.50 (D) in (without projections)
Weight	Approx.235g / 8.29 oz (Ant.& EBP-74 inclusive)

### Receiver

System	Triple-conversion super heterodyne AM/SSB/CW/FM in Main VFO Double-conversion super heterodyne AM/FM in Sub VFO and WFM in Main VFO
Selectivity	SSB/CW -6dB : 2kHz or more -50dB : 7.5kHz or less AM/FM -6dB : 12kHz or more -60dB : 35kHz or less WFM -6dB : 180kHz ±40kHz -20dB : 470kHz or less
Audio output power	more than 100mW (8ohm 10%THD)

### Sensitivities (typical value 10dB S/N:AM/SSB/CW 12dB SINAD:FM/WFM)

Main-band:	Sub-band:
0.050~0.531MHz( AM )	118~136MHz( AM )
0.531~1.62MHz( AM )	136~170MHz( FM )
1.62~76MHz( AM )	336~470MHz( FM )
1.62~76MHz( SSB,CW )	
1.62~76MHz( FM )	
76~108MHz( WFM )	
108~136MHz( AM )	
136~174MHz( FM )	
175~221.75MHz( WFM )	
221.8~336MHz( AM )	
336~475.75MHz( FM )	
475.75~770MHz( WFM )	
770~1260MHz( FM )	
1260~1300MHz( FM )	

●225~335.995 MHz in AM/FM may be usable although off-specification. Sensitivity is better closer to 336MHz. This band is closed at the default setting.

\* Specifications subject to change without notice or obligation. Cellular frequencies blocked on USA model. Unblocked K-version available with proper documentation for authorized users only.

Authorized Dealer:

ALINCO FRANCE  
[www.alinco.fr](http://www.alinco.fr)

Copyright Alinco Incorporated, Osaka, Japan. All rights reserved.  
Although Alinco has designed this brochure to be as comprehensive and accurate as possible, we reserve the right to make changes at any time to our equipment line, optional accessories, specifications, or availability of any such device we manufacture and distribute. Please note that certain products and accessories may not be available in all countries of distribution. Please consult your Authorized Alinco Dealer for product availability and pricing.

**ALINCO, INC.** Electronics Division  
 Yodoyabashi Dai-Bldg 13F, 4-4-9 Koraihashi,  
 Chuo-ku, Osaka 541-0043 Japan  
 Phone: 06-7636-2362 Fax: 06-6208-3802  
<http://www.ALINCO.com>  
 E-mail: [export@alinco.co.jp](mailto:export@alinco.co.jp)

