

Wide Band Communication Receiver DJ-X3

The Airwaves are alive with action that never stops.

Let Alinco's DJ-X3 take you there !

There's a world of adventure riding the airwaves and Alinco's DJ-X3 puts you in the middle of the action. Ride along with pilots of jet aircraft. Listen to the fire brigade battling against time to save lives. Get tomorrow's news today from short wave foreign broadcasts. Listen to ham radio operators enjoying their hobby. Be there when the police bring a criminal to justice. Attach optional stereo headphones or amplified speakers and enjoy a stereo FM transmission featuring your favorite music. But wait, there's more ! Your DJ-X3 can help you find hidden transmitters that may bug your home, office or hotel room. You can also decode inversion scrambled signals.

Standard Features

- Coverage range: 0.1 to 1300 MHz
- 700 memory channels (10 banks x 70ch/bank)
- 20 pairs of programmed-scan memory channels, 8 priority channels and 100 search-pass memory channels that skips scan even in VFO/Programmed-scan mode
- VFO, Programmed, Preset, and Memory scan modes with memory-skip capability
- Scans 20steps p/s in VFO mode, 10 channels p/s in memory mode.
- 11 different steps plus an automatic-step mode
- Palm-fitting, lightweight, easy-to-carry compact body
- WFM, WFM/stereo, NFM and AM modes
- An SMA rubber-duddy, earphone (optional) and internal ferrite-bar antennas (AM/SW) improve reception capability and operational flexibility.
- Bug detector finds hidden transmitters
- Wide variety of optional accessories to choose from
- High quality audio, capable of smooth STEREO listening, too !(optional stereo speaker or headphone required)
- Super-sensitive Triple Conversion circuit
- Large, illuminated display
- T/E versions come with a dry-cell case only, Japanese version is fully accessorized with a Ni-MH battery pack, a charger and a drycell case.
- PC utility software will be free down-loadable from this site. (Inversion scrambler decoder function is not available on USA version)



SPECIFICATIONS

- **RX frequency range:** 0.100 to 1,299.995MHz (USA version cellular frequency blocked)
- **Mode:** AM, FM, WFM, WFM stereo
- **Antenna imp.:** 50 ohms unbalanced / SMA
- **Battery voltage:** 3.6Vdc to 6.0 Vdc
- **External DC power source:** 4.5V to 16Vdc
- **Battery consumption:** 150mA nominal/ stand-by 75mA/ battery-save ON(1:4 cycle) 39mA
- **Operating temperature:** -10 to 60 C or 14 to 140 F
- **Frequency stability:** +/- 5 ppm at operating temperature range.
- **Dimension without projection:** 56(W) X 102(H) X 23 (D) mm
- **Weight:** 145g with Ni-MH battery pack and a rubber-duck antenna
- **RX System:** Triple super heterodyne
1st IF: 248.45MHz
2nd IF: 38.85MHz
3rd IF: 450KHz
- **RX selectivity:**
AM/FM : -6dB/12KHz or over -60dB/30KHz or less WFM : -6dB/150KHz or over
- **RX sensitivity(Typical):**
FM / 30 to 550MHz : less than -3dBu/12dB SINAD, 550MHz and up: less than 0dBu/12dB SINAD)
WFM / less than 13dBu (12dBu SINAD)
AM / 0.5 to 1.62MHz : less than 17dBu (10dB S/N), 1.62MHz and up : less than 5dBu (10dB S/N)
- **AF output:** Max 220mW or more (8ohms)