



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ICOM IC-E2820. You'll find the answers to all your questions on the ICOM IC-E2820 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

[User manual ICOM IC-E2820](#)
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ICOM DUAL BAND FM TRANSCEIVER **IC-E2820**

READY TO GO ON THE ROAD
with D-STAR and GPS * Optimal CT 123 is required

D-STAR
Digital voice mode with GPS receiver*
*Optimal CT 123 is required

VHF/UHF Dual Band
50W output on both bands

Wideband Receiver
With diversity receive capability



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Manual abstract:

@@Push the "Function" button to call up the assigned functions menu on the display. In addition, tuning knobs and buttons for each band are arranged side-by-side, providing intuitive operation. Band scope function The band scope function lets you watch conditions near the receiving frequency and visually assists in finding other stations. D-STAR digital voice + GPS receiver (With optional UT-123) Diversity receive capability If you have two antennas, diversity receive* capability is useful for mobile operation where the received signal strength changes continuously. Within a single band, the radio compares signal strength from each antenna and chooses the better signal to maintain good sound and receive quality. * Available on 127, 136, 146, 375, 440, 500MHz bands in FM, FM-N, DV mode only. Symmetric layout and easy-to-read graphical interface Other features · ± 2.5 ppm high frequency stability with TCXO unit · Green to amber variable display background color · 104x2 DTCS/50 CTCSS tone squelch operation · Max. 45 channel/sec. @@@@This makes clean and neat installation easy! @@Your location information can be sent simultaneously with the digital voice transmission. One touch reply function The one-touch reply function makes it easy to respond to a calling station instantly. In addition, up to 20 received call signs are automatically stored as received call records. 50W output power on both VHF and UHF bands A MOSFET power amplifier provides a powerful 50W on both the 2m and 70cm bands, making this compact rig's signal travel for miles! @@@@x 2 tracks, 10 sec. x 3 tracks). The 10 sec. @@@@. Max. @@*1 Tx/Rx guaranteed range, 144146, 430440MHz only. RECEIVER · Intermediate frequency : Left side receiver 38.85MHz/450kHz (1st/2nd) Right side receiver 46.35MHz/450kHz (1st/2nd) · Sensitivity (Ham bands only) : FM Less than 0.18 μ V (at 12dB SINAD) DV (with UT-123) Less than 0.35 μ V (at BER 1%) · Squelch sensitivity : Less than 0.13 μ V (at threshold) · Selectivity : FM (Wide/narrow) More than 10/6kHz at 6dB Less than 30/20kHz at 60dB DV (With UT-123) More than 50dB · Spurious and image rejection : Left side receiver More than 60/55dB (VHF/UHF) Right side receiver More than 60/60dB (VHF/UHF) · Audio output (at 13.8V DC) : More than 2.4W at 10% distortion with an 8 load · Ext. speaker connector : 2-conductor 3.5 (d) mm (1/8")/8 · Mode · Number of channels · Antenna connector · Power supply · Usable Temp. @@) : 13A Tx At high (50W) Rx Standby 1.2A Max. @@@@ · CS-2820 CLONING SOFTWARE For quick and easy programming of memories, etc.

Either OPC-1529R or OPC478 is required. @@Angle and direction is adjustable. All trademarks are the properties of their respective holders. · OPC-1663, OPC-1712 SEPARATION CABLES OPC-1663: 3.4m OPC-1712: 10cm Same as supplied. · OPC-474 CLONING CABLE Data cloning cable between transceivers. Les spécifications et informations données dans ce document peuvent être modifiées sans préavis. .



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