



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ICOM IC-E80D. You'll find the answers to all your questions on the ICOM IC-E80D in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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Manual abstract:

Lots of Fun, Advanced Digital D-STAR (Digital Smart Technology for Amateur Radio) is a Digital communication protocol developed by the JARL (Japan Amateur Radio League). @@Optional data cable required. Internet DV mod Take it into the field-- Easy to use! Optional GPS speaker-microphone When used with the GPS speakermicrophone, HM-189GPS, the ICE80D shows your position data on its LCD display and offers automatic position reporting in DV mode. IC-E80D & ID-E880 D-STAR Digital Voice capability The IC-E80D and ID-E880 can transmit and receive D-STAR format digital voice and 950 bps* data communication, simultaneously. Analog FM mode is also available. * Approximate value. External DC power jack The external DC power jack allows for operation with an external DC power supply (1016V DC). When used with the DC power cable, operation during charging is possible. Other features · 4 step RF power selection (5W, 2.5W, 0.

5W, 0.1W) · IPX4*2 water-resistant construction · Auto power save and auto power off · 10dB (approx.) built-in attenuator *1 Tx high: Rx: Stand-by duty ratio= 1 min.: 1 min.: 8 min.

Power save on. @@@@The supplied Lithium-Ion battery, BP-217, provides up to 6 hours*1 of operating time. VHF/UHF DUAL BAND TRANSCEIVER Setting example for showing own position as 135 degrees east longitude (ID-E880) Wideband receiver The IC-E80D covers 0.495999.990MHz* and the ID-E880 covers 118173.

995, 230 549.995 and 810999.990MHz.* You will be able to listen to aviation, marine, weather channels and other utility communications. * Receiver range depending on versions. See specification page for details. Supplied accessories (*depending on version) Battery pack, BP-217 Wall charger, BC-167* Antenna, FA-S270C Belt clip, MB-107 Hand strap The above photo includes optional HM-189GPS. Easy Easy to set up! ID-E80D/IC E880 D-STAR repeater list and DR mode operation Repeater ID-1 You can communicate with Icom's 1.2GHz transceiver, ID-1, in DV mode*. * Depending on repeater configuration.

The D-STAR repeater list stores up to 300 channels of repeater call signs, frequencies, gateway call signs, duplex direction and offset frequency with 8-character channel name. @@@@50 Ch/sec. @@@@Green, yellow and amber display backlighting is available. Select the color you like! Other features · 50W output power both VHF/UHF band · Built-in noise filter (AM/FM mode) · Data and 9600/1200bps packet jacks on the rear panel · ±2.5ppm frequency stability · Adjustable microphone sensitivity Other features common to both radios · Total of 1052 memory channels with 8-character channel name · 16 channels DTMF memory (24-digit) · LCD and keypad backlighting · Monitor function to listen to a weak signal · Built-in CTCSS/DTCS tone encoder and decoder (FM mode only) · Tone scan and pocket beep function · 26 memory banks with selected bank and bank link scanning · Key lock function · 1750Hz tone function VHF/UHF DUAL BAND TRANSCEIVER Other digital features for both radios · One touch reply function · 50 channels GPS memory and GPS alarm · 300 channels D-STAR repeater list · D-STAR access repeater scan Supplied accessories (*depending on version) Separation cable,

OPC-1154A (3.4 m) DC power cable, OPC-1132A Hand microphone, HM-133 Remote controller bracket Microphone hanger Mounting bracket kit SPECIFICATIONS GENERAL · Frequency coverage Europe TX RX Europe-1 TX/RX Italy TX RX France TX RX : 144146, 430440MHz 118173.995, 230-549.995, 810999.990MHz*1 144146, 430440MHz 144146, 430434, 435438MHz 144146, 430434, 435438MHz 0.49529.

995, 5051, 76136.995, 118173.995, 230549.995, 144146, 430434, 435438MHz*2 810999.990MHz*2 144146, 430440MHz 0.

49529.995, 5052, 76136.995, 144146, 430440MHz*1 *1 Guaranteed range, 144146, 430440MHz. *2 Guaranteed range, 144146, 430434, 435438MHz. IC-E80D 144146, 430440MHz 0.

495999.990MHz*1 ID-E880 RECEIVER · Intermediate frequencies IC-E80D : Except WFM (1st/2nd) 61.65MHz/450kHz WFM (1st/2nd/3rd) 59.25MHz/13.35MHz/1.95MHz : FM (at 12dB SINAD, 3.5kHz DEV) 1.62529.995MHz 0.4μV 30.

00075.995MHz 0.25μV 76.000117.995MHz 0.25μV 118.000173.995MHz 0.14μV 174.000259.

995MHz 0.32μV 260.000349.995MHz 0.32μV 350.

000469.995MHz 0.16μV 470.000599.995MHz 0.

32μV 600.000999.995MHz 0.56μV WFM (at 12dB SINAD, 52.5kHz DEV) 76.000108.000MHz 1μV 175.000221.995MHz 1.8μV 470.

000770.000MHz 2.5μV AM (at 10dB S/N, 30% Mod.) 0.4954.995MHz 1.3μV 5.00029.995MHz 0.56μV 118.

000137.000MHz 0.5μV 222.000246.995MHz 0.

79μV 247.000329.995MHz 1μV DV (at BER 1%, 4.8kpbs) VHF (Ham band) 0.22μV UHF (Ham band) 0.

22μV : AM/FM Wide More than 50dB FM-N, DV More than 45dB WFM More than 300kHz/3dB Less than 700kHz/20dB : VHF (Ham band) More than 60dB UHF (Ham band) More than 50dB (IF points; More than 60dB) : Less than 57dBm : More than 300mW (at 7.4V DC) ID-E880 46.35MHz/450kHz (1st/2nd) · Sensitivity (typical) · Type of emission · Useable temp. @@RX Power save/Rated output/Stand-by FM 30mA/170mA/62mA typ. DV 38mA/215mA/106mA typ. (Power save duty= 1:4) 11.5/12.5A typ. Max. @@freq.

deviation · Ext. MIC impedance IC-E80D : High/Mid/Low/S-low 5W/2.5W/0.5W/0.1W typ. @@speaker impedance : 8 All stated specifications are subject to change without notice or obligation. OPTIONS OPTIONS FOR IC-E80D BATTERY PACK AND CASE BP-216 : AA (LR6) × 2 battery case BP-217*1 : Li-Ion battery pack 7.4V/1500mAh (min.), 1580mAh (typ.) BATTERY CHARGERS BC-167*1 : Wall charger (12V/500mA output) Charges the BP-217 in 6 hours (approx.)

). BC-167ND or SD for 230V AC BC-139 : Rapid desktop charger. Charges the BP-217 in 2.5 hours (approx.).

CIGARETTE LIGHTER CABLES AND DC POWER CABLE CP-19R : Cigarette lighter cable with DC-DC converter. CP-12L : Cigarette lighter cable with noise filter. OPC-254L : DC power cable. For use of the transceiver with an external power supply. @@HM-131 : Compact type speaker microphone. HM-153 : Durable type earphone microphone. HM-166 : Light type earphone microphone. HS-85 : Headset. Allows you hands-free operation. Includes VOX, PTT, "one-touch PTT" (TOT). SP-13 : Earphone OTHER OPTIONS MB-107*1 : Alligator type belt clip. MB-86 : Swivel type belt clip. LC-163 : Carrying case FA-S270C*1 : VHF/UHF antenna AD-92SMA : Antenna connector adaptor. @@HM-154 : Hand microphone with up/down buttons. HM-133*1 : Remote control microphone.

DC P.



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