

ICOM ID-5100E

VHF/UHF MOBILE RADIO WITH TOUCH SCREEN, D-STAR, GPS, BLUETOOTH, ANDROID



Icom's new ID-5100E VHF/UHF dual band D-STAR digital mobile transceiver enhances core features found in the celebrated IC-2820H mobile and incorporates the user-friendly technology found in the IC-7100. The radio features a large responsive touch screen and also integrated GPS, optional Bluetooth connectivity and support for Android devices.

Features

Intuitive touch screen operation

The intuitive touch screen interface provides quick and smooth operation for setting and editing various functions and memories. The 5.5 inch display (320 x 128 pixel) shows a large easy-to-see software keypad (Qwerty keyboard), and allows you to input alphanumeric characters quickly.

VHF/UHF, VHF/VHF, UHF/UHF Dual receive

The ID-5100E receives 118–174MHz and 375–550MHz* with dual receiver capability that allows you to receive two bands simultaneously (including within a single band)*. Almost all VHF & UHF communications are available to you!

DV Dualwatch

The ID-5100E has simultaneous receive for FM/FM and FM/DV modes, and the capability of monitoring two DV signals. The main band audio has priority, if two DV signals come in at the same time.

Integrated GPS receiver

The ID-5100E has an integrated GPS which allows you to transmit and receive position data from the built-in GPS receiver. Position, course, speed and altitude are shown on the display. The GPS position information can be used for exchanging position reports, tracing the GPS log and searching for nearby repeater sites. The GPS antenna is located in the remote head, no external GPS antenna required.

DV/FM Repeater list function

The DV/FM repeater list function assists you in accessing near-by repeaters, even where you are visiting an area for the first time. The function searches for near-by repeaters using the repeater memories with the GPS position information. To use the repeater list function, the position data of the repeater is required in the repeater list.

Dplus reflector linking

Dplus Reflector link commands are added to the DR function to allow easy reflector operation. Use Reflector, link/unlink to Reflector, echo test and repeater information commands are selectable.

UT-133 Bluetooth® unit (option)

This The UT-133 is the optional Bluetooth® board necessary for operation with the optional VS-3 headset and the optional RS-MS1A, Android™ application.

VS-3 Bluetooth® headset (option)

The optional Bluetooth® headset, VS-3, can be used for hands-free



Photo shown with optional MBF-1 mount base and MBA-2 controller

Article id: **ICOM ID-5100E**

Price: **€ 585,00**

ex VAT **€ 483,47**

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communication and remotely control the ID-5100E with three programmable buttons. Providing you with convenient communication in a vehicle.

RS-MS1A Android™ application (Free download application from Google Play™)*

Connect to the ID-5100E for remote control of DR functions, link with a map application and send/receive messages and images over the DV mode. You can download the free Android RS-MS1A application from Google Play at https://play.google.com/store/apps/details?id=co.jp.icom.rs_ms1a.menu.

*Optional UT-133 Bluetooth unit must be installed in the ID-5100E. Some functions may be subject to Android phones and devices used.

Other features

- Menu-driven user interface
- DTMF via microphone or ID-5100 display
- SD Card slot for voice and data storage
- Enhanced D-PRS functions with object, position, item and weather formats
- Convenient memory contents management using CSV data format
- Speech function announces operating frequency, mode and received callsign (DV mode)
- Independent main dial, volume and SQL knobs for A/B bands
- AM airband dualwatch
- CS-5100, cloning software supplied
- 50W output power on both VHF and UHF bands

Technical Data

Frequency coverage TX : 144-146 MHz + 430-440 MHz

Frequency coverage RX : 118-174 MHz (garantiert nur von 144-146 MHz) + 375-550 MHz (garantiert nur von 430-440 MHz)

Type of emission : F2D, F3D, F7W

Mode : DV, FM, FM-N, AM (AM und AM-N nur Empfang; je nach Version)

Output power : 50 W - 15 W - 5 W

Digital TX speed : 4,8 kbps

Voice coding speed : 2,4 kbps

Antenna impedance : 50 Ohm (SO 239 - PL-female)

Memory channels : 1000 regular channels, 4 call channels, 50 program scan edges and 1200 repeater memories

Power supply requirements : 13,8 VDC +/- 15%

Current drain : max. 13,0 A (TX)

Dimensions Main unit : W150 x H40 x D172,6 mm (projections not included)

Dimensions Controller : W182,2 x H81,5 x D24,7 mm (projections not included)

Gewicht Main unit : 1,3 kg

Gewicht Controller : 260 g

Supplied standard accessories

- Hand microphone, HM-207
- Controller cable, OPC-837 (3.5 m; 11.4 ft)
- Microphone hanger
- CD (CS-5100 and instruction handbook PDF)
- Spare fuse

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Date: 17-01-2021