



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ICOM IC-A110. You'll find the answers to all your questions on the ICOM IC-A110 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-A110
User guide ICOM IC-A110
Operating instructions ICOM IC-A110
Instructions for use ICOM IC-A110
Instruction manual ICOM IC-A110



Rugged and reliable for serious ground crew communications

Setting a new standard for ground based communications, the IC-A110 /EURO provide durability and reliability in demanding operational environments.

- **Capable of being installed in any vehicle**
IC-A110/EURO are adaptable to vehicles working on a 12 V, as well as a 24 V power source.
- **Front mounted loud speaker**
A loud speaker mounted in the front of the transceiver is free of any obstacles blocking audio reproduction. And 10 W, of powerful output power is available for the external speaker.
- **Dial selection**
With a simple rotation of the dial, frequently used memory channels, or desired frequency selection can be made.

- **Memory channel name capability**
Up to 7-character memory names can be assigned for each channel. Allows simple and quick channel recognition and selection.
- **Side tone function**
Operator's transmitted messages and calls are audio modulated and can be heard by standard airband headsets, even in the most demanding operating airport conditions.
*Option CRC-811 is necessary when using standard type headset.
- **Convenient on hook scan functions**
Hanging the microphone on the mic. hanger activates the auto scan function. When released, the transceiver will return to the last used, or priority channel, depending on the selection.
- **Usable in extreme cold**
The adopted LCD guaranteed usable in temperatures from -30°C to +70°C (-22°F to +158°F). Normal performance, as well as display indications, are guaranteed even in extremely cold areas.

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Manual abstract:

Side tone function Operator's transmitted messages and calls are audio modulated and can be heard by standard airband headsets*, even in the most demanding operating airport conditions. *Option OPC-871 is necessary when using standard type headset. Capable of being installed in any vehicle IC-A110/EURO are adaptable to vehicles working on a 12 V, as well as a 24 V power source. Convenient on hook scan functions Front mounted loud speaker A loud speaker mounted in the front of the transceiver is free of any obstacles blocking audio reproduction. @@hanger activates the auto scan function. When released, the transceiver will return to the last used, or priority channel, depending on the selection. Usable in extreme cold Dial selection With a simple rotation of the dial, frequently used memory channels, or desired frequency selection can be made. The adopted LCD guaranteed usable in temperatures from 30°C to +70°C (22°F to +158°F). @@pep (9 W typ. @@@@. Sensitivity (pd) IC-A110 IC-A110EURO : Double conversion superheterodyne : 1st 38.85 MHz 2nd 450 kHz : Less than 1 µV (at 6 dB S/N) Less than +5 dBµV (at 12 dB SINAD) : 118.000136.975 MHz : 8.33/25 kHz auto selection or 25 kHz only · Mode : 6K00A3E (AM) · No. of memory Ch. : 20 · Antenna connector : SO-239 (50) · Power supply requirement: (negative ground) 13.75 V DC or 27.5 V DC automatic selection · Current drain (at 13.75 V DC): Transmitting 5.0 A max. @@@@Type approval for the IC-A110/EURO varies between countries. @@@@spacing More than ±2.778 kHz (at 6dB) Less than ±7.37 kHz (at 60dB) · Spurious response : More than 74 dBµ (IC-A110) More than 70 dB (IC-A110EURO) · Intermodulation rejection ratio*: More than 64 dB · Blocking/desensitisation*: More than 70 dB · Cross modulation rejection*: More than 70 dB · Audio output power (at 13.75 V; 10% dist.; 60% mod.): Internal speaker 1.5 W typical w/8 load External speaker More than 10.0 W w/8 load Headset (side tone) More than 0.1 W w/500 load · AF output impedance : EXT SP 8 Headset (side tone) 500 Applicable U.

S. Military Specifications Icom makes rugged products that have been tested to and passed the following MIL-STD requirements and strict environmental standards. Standard Low Pressure High Temp. Low Temp. Temp. @@@@500.3 I, II 501.3 I, II 502.3 I, II 503.3 I 505.3 I 506.3 I, II 507.3 II, III 509.3 I 510.3 I 514.

4 I 516.4 I, IV OPTION OPC-871 HEADSET ADAPTER For connection with standard airband headset. HM-161 HAND MICROPHONE Same as supplied. Les spécifications et informations données dans ce document peuvent être modifiées sans préavis. .



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