

The new generation is about to come out!



Actual size

Setting the pace for a new generation of avionics, the new IC-A210 is the first for this type of product to offer a large, bright Organic LED (OLED) display, meaning display information is amazingly bright and clear.

Dualwatch, Flip-Flop channel recall and automatic frequency set*¹ functions all allow for quick and easy access to the channels you need. And the IC-A210 offers more flexible mounting choices than ever, simply and cleanly replacing or supplementing the most common existing avionics radios. Of course, both 25/8.33kHz channels are programmable*².

*¹ External GPS receiver required. Ask your dealer for available GPS receiver details. *² Europe version only.

VHF AIR BAND TRANSCEIVER
IC-A210

Large, bright OLED display

The IC-A210 employs an organic light emitting diode display (OLED) as a first for this type of radio. The pixels on the display directly emit light so it provides a bright and clear view even under direct sunlight. In addition, the automatic dimmer control adjusts the display brightness.

Automatic frequency set function

When connected to an external GPS receiver equipped with an airport frequency database*, channels such as nearby airports are automatically set in the IC-A210.

* Ask your dealer for available GPS receiver details.

Dualwatch and flip-flop channel recall function

The IC-A210 makes channel selection easy. The dualwatch function allows you to monitor two channels simultaneously. The flip-flop channel recall function stores the last 10 channels used and easily recalls those channels by pushing the recall button.

Superior installation compatibility

The IC-A210 can be interchanged with most panel mount radios including Icom's IC-A200, Honeywell Bendix/King's KY 96A/KY 97A and Garmin's SL40. A bracket adapter will be supplied with the IC-A210.

12V or 24V DC power source

The IC-A210 accepts 12V/24V (11.5–27.5V) power source with a built-in DC-DC converter. Works on most airplanes.

8.33kHz channel spacing

Both 25/8.33kHz channels are programmable for the Europe version.

SPECIFICATIONS**GENERAL**

- Frequency coverage :
Tx/Rx : 118.000–136.975MHz
Rx Weather channels : 161.650–163.275MHz* (* USA version only.)
- Frequency spacing : 25kHz (USA), 8.33kHz (EU)
- Frequency stability : ±5ppm (USA)
±1ppm (EU, 0°C to +40°C)
- Operating temperature : -20°C to +55°C
- Antenna impedance : 50Ω
- Number of memory channels: 10 channels
- Power supply requirement : 11.5–27.5V DC (Negative ground)
- Dimensions : 160(W)×34(H)×271(D)mm
(projections not included) 6⁵/₁₆(W)×1¹¹/₃₂(H)×10²¹/₃₂(D)in
- Weight (approx.) : 1.5kg; 3.3lb

Intercom functions

The IC-A210 has a built-in voice activated intercom function allowing you to talk with your crew using two headsets. It has adjustable audio level and squelch control functions.

TSO, E-TSO versions planned

A TSO version for USA and an E-TSO version for Europe are planned. These versions of the IC-A210 may be used as a primary avionic VHF transceiver in an airplane.

Other features

- 10 memory channels (Max. 210 memory channels programmable)
- Weather channel receiver (USA version only)
- One touch access to 121.5MHz emergency frequency
- Sidetone function
- Time-out-timer
- ANL (Automatic noise limiter) function reduces pulse type noise
- PC programming capability
- US MIL-STD 810 durable construction

OPTIONS**MOUNTING BRACKET*** (* Model name to be announced later.)

For mounting the IC-A210 to a vehicle. Speaker and microphone included.

POWER SUPPLY UNIT* (* Model name to be announced later.)

Provides convenient operation of the IC-A210 from a vehicle, office, etc.,. Speaker and microphone included.

TRANSMITTER

- Output power : 8W (Carrier power)
USA : 5W (Carrier power)
Europe
- Spurious emission : Less than -60dB
- Microphone impedance : 600Ω

RECEIVER

- Intermediate frequencies : 1st 38.85MHz 2nd 450kHz
- Sensitivity : Less than 1μV for 6dB S/N
- Selectivity : USA : ±6kHz for 6dB S/N
±22kHz for 60dB S/N
Europe : ±2.8kHz for 6dB S/N
±7.3kHz for 60dB S/N
- Spurious rejection : Less than 70dB
- Audio output power : 5W with a 4Ω load
120mW with a 500Ω load

This device has not been approved by the appropriate authorities in each country. This device may not be sold or leased, or be offered for sale or lease, until approval has been obtained. All stated features, appearances, screen shots and specifications may be subject to change without notice.

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