



ICOM

RADIO PRODUCTS -
TRANSCEIVER

IC-7200 HF/50MHz Transceiver

Simple and Tough with IF DSP



IF DSP

The latest IF DSP technology is employed in the IC-7200. While the IC-7200 is an entry-class transceiver, advanced digital features are comparable to higher class transceivers.

AGC loop management

Distortion and blocking from strong nearby signals are prevented by placing DSP functions inside the AGC loop. The AGC time constants are selectable from fast, slow and off for each operating mode.

Digital IF filter

Optional filters will never be required for the IC-7200. The built-in digital filter allows you to flexibly select the filter width and shape from soft and sharp* and provides cutting-edge filter characteristics.

*Filter shape is selectable for SSB and CW modes only.

Manual notch filter

The manual notch filter delivers more than 70dB of attenuation. Strong interfering tones will be eliminated without adversely affecting the AGC loop performance. ON the bottom right of the front panel, a dedicated control knob adjusts the notch filter frequency.

Digital Twin PBT

Only Icom brings you twin passband tuning! Tailor your IF passband with the Twin PBT by electronically shifting the upper and lower edges of the IF filter. Depending on the use of the concentric knobs, you can either narrow the IF passband, or shift the entire passband to eliminate interfering signals.

Digital noise reduction

The digital noise reduction reduces background noise and improves the signal-to-noise ratio. The noise reduction level is adjustable in 16 steps. It improves the readability of voice and data signals.

Digital noise blanker

The noise blanker reduces pulse-type noise such as engine ignition and sparking. The NB level and width (blanking duration) are adjustable in 100 steps.

Other Features

RIT

VOX

0.5ppm frequency stability

LCD backlight (Hi/Lo/Off)

CI-V interface

201 memory channels

Built-in 20dB attenuator

Preamplifier

Dial lock

Auto TS function

1Hz step tuning

Band stacking register

Built-in voice synthesizer

Quick split

Front facing speaker

Quick set mode