



ICOM

RADIO PRODUCTS -
TRANSCEIVER

IC-9100 HF/VHF/UHF Transceiver

The Sky's No Limit! 9100: The All-Around Transceiver



The IC-9100 contains years of advanced Icom technology in a compact, all-in-one HF/VHF/UHF transceiver. This radio covers most ham bands and modes, and provides a wide variety of operating styles. Whether you're working DX QSO, RTTY, D-STAR DV, satellite or even moonbounce, Icom's years of technological experience is working right along with you.

Multiple-band, multiple-mode

HF to 1200MHz Mutli-band in one transceiver. The IC-9100 fully covers the HF/50, 144, 430/440 amateur bands in multiple modes. By installing the optional UX-9100 1200MHz and unit, you can be operational on the 1200MHz band immediately.

Independent dual receivers

The IC-9100 has two independent receivers in one radio and receives two different bands simultaneously (See the right table for available main and sub band combinations). In addition, the main and sub-band audio can be controlled with independent volume and squelch knobs, and received audio can be heard separately when external speakers are connected.

Satellite mode operation

The satellite mode synchronizes the uplink (transmitting) and downlink (receiving) frequencies, and tracks the frequencies in the same tuning step. This function matches both normal and reverse mode satellites. Compensation of the Doppler effect can be performed easily. 20 alphanumeric satellite memory channels store frequencies, mode and tone settings for quick set-up.

Other outstanding features

Built-in voice synthesizer announces operating frequency, mode and S-meter level

User programmable band edge beep (can be disabled)

VSC (Voice Squelch Control) function

AFC function (FM/DV mode)

RF speech compressor

Microphone equalizer and adjustable transmit bandwidth

Two preamplifier types for HF/50MHz bands: Preamp 1: Increases low level signal improving intermodulation characteristics,

Preamp 2: High gain preamplifier

20dB built-in attenuator

CTCSS and DTCS tone encoder and decoder

Triple band stacking register

Quick split function and frequency lock function

RIT and Δ Tx variable up to ± 9.999 kHz

Audio equalizer function

SSB/CW synchronous tuning automatically shifts the carrier point when switching between CW and LSB/USB modes

1Hz pitch tuning and display

Program scan, memory scan, select memory scan, mode select scan and Δ f scan

Automatic tuning steps

9600bps data socket

AH-4 control circuit

Automatic repeater function* and one-touch repeater function.

(*USA and KOR versions only)