

HF / 50 / (70) MHz TRANSCEIVER

HF Excellence, Evolved — Even More Excitement



Improved RMDR and
Phase Noise Characteristics

Lower Heat Generation and
Lower Power Consumption

HDMI™ Port for an External Display

RX Antenna IN/OUT Connectors

Built-in CW Decoder

Simplified RS-BA1 Remote Control

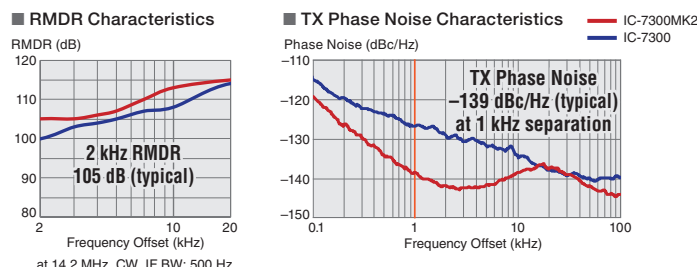
USB Type-C™ with Dual COM + Audio

*70 MHz band is included in the Europe Version.

Enhanced Performance

Improved RMDR and Phase Noise Characteristics

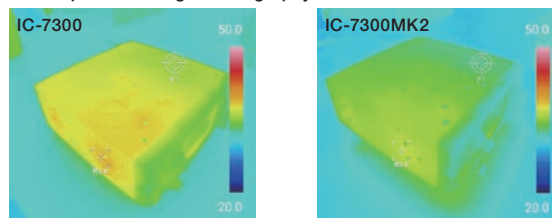
The IC-7300MK2's RMDR is improved to about 105 dB* typical (at 2 kHz separation) and transmit Phase Noise characteristics are improved by about 12 dB (at 1 kHz frequency separation) compared to the previous model. The superior Phase Noise characteristics reduce noise components in both receive and transmit signals.



Lower Heat Generation and Lower Power Consumption

Through component selection and DC power optimization, the IC-7300MK2 reduces heat generation and enables stable operation during extended operating periods, such as contest operation. Compared to the previous model, the IC-7300MK2 reduces power consumption from 0.9 A to 0.7 A (typical) during RX standby.

Heat Comparison Using Thermography



Device left in RX standby mode for 6 hours at 24°C room temperature.

New Features

HDMI™ Port for an External Display

As a first for Icom's HF/50 MHz radios, the IC-7300MK2 incorporates an HDMI™ port for external display connection. Operating information, such as frequency, scope, waterfall, and menus, can be shown on a large monitor, and audio can also be output through HDMI™ to the display's speakers.

RX Antenna IN/OUT Connectors

The RX Antenna IN/OUT connectors enable you to take advantage of antenna characteristics for optimized reception, such as avoiding interference and QRN. External bandpass filters and preamps can also be connected to these connectors.

Simplified RS-BA1 Remote Control

Whether from a remote location within your home QTH, or from a remote location somewhere around the world, the RS-BA1 (Version 2) software enables you to operate your IC-7300MK2. With the addition of an Ethernet connector, a base station computer is not required. You are able to remotely turn the radio ON or OFF through the Internet.

Built-in CW Decoder

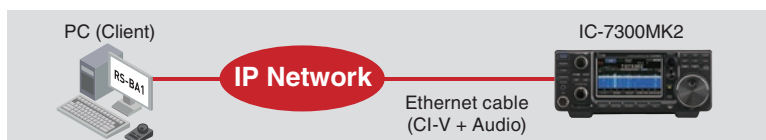
Another first for Icom's HF/50 MHz radio, the IC-7300MK2 can decode Morse code signals without using a PC or other external equipment. The decode filter automatically follows the target signal, and keying speed is automatically adjusted.

USB Type-C™ with Dual COM + Audio

The IC-7300MK2 provides a USB Type-C™ port with dual virtual COM ports and audio In/Output. You can use two applications simultaneously, such as FT8, logging and contest software, with just one USB cable.

Other Features

- Supports newly allocated 5 MHz band (Europe Version)



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