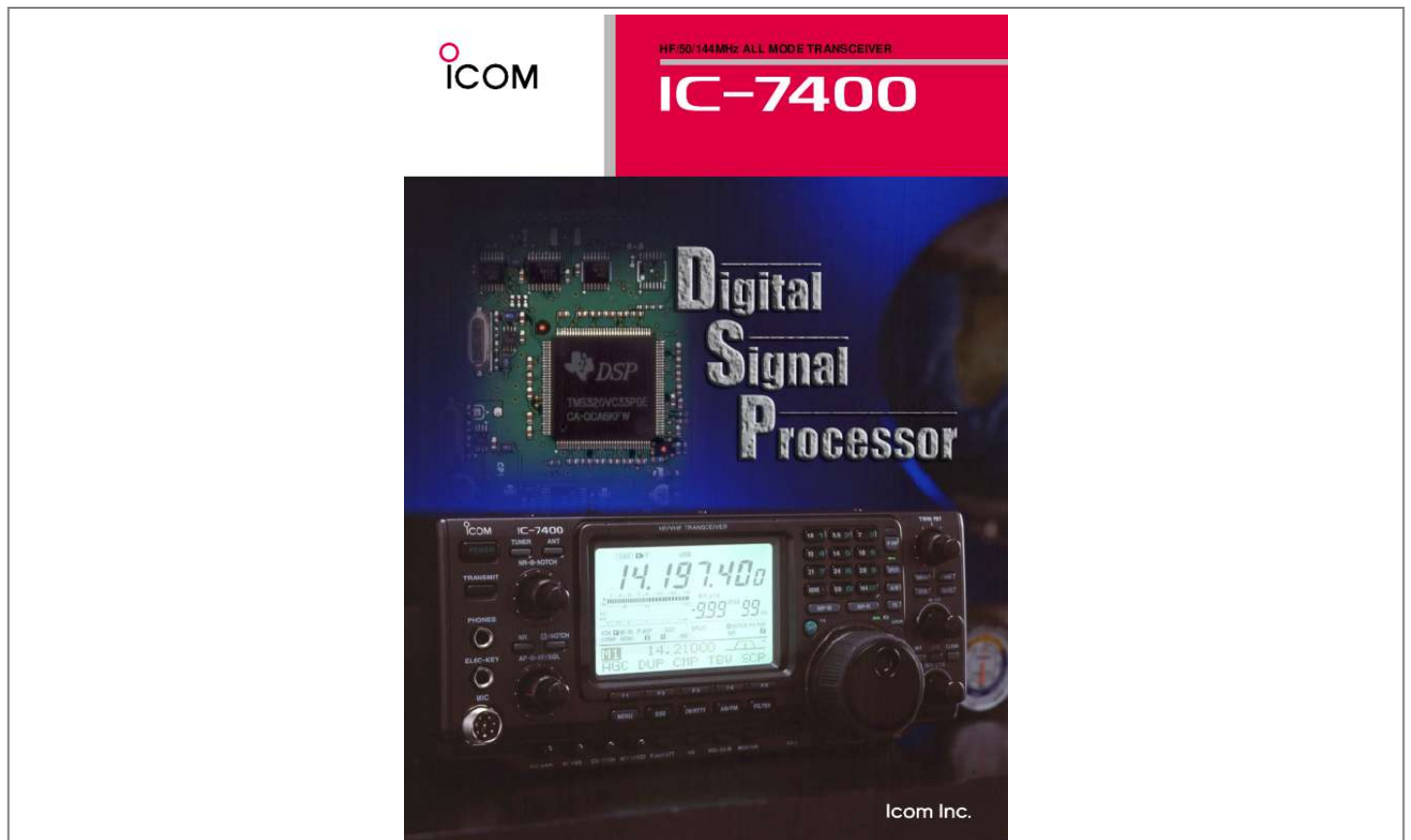




Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ICOM IC-7400. You'll find the answers to all your questions on the ICOM IC-7400 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-7400
User guide ICOM IC-7400
Operating instructions ICOM IC-7400
Instructions for use ICOM IC-7400
Instruction manual ICOM IC-7400



[You're reading an excerpt. Click here to read official ICOM IC-7400 user guide](http://yourpdfguides.com/dref/2306830)
<http://yourpdfguides.com/dref/2306830>

Manual abstract:

Manual Notch Filter Manual Notch Characteristics [dB] 20 0 20 40 60 80 100 800 600 400 200 0 200 400 600 800[Hz] 32-bit DSP Technology Takes You Even Higher To 144MHz! Icom has taken the DSP technology recently introduced in the IC-756PROII, and created a whole new radio category. @@So follow along as we describe the latest features now available in the IC-7400. Starting with the 32-bit DSP processor and 24-bit AD/DA converter, Icom enables the ham radio operator to create the listening environment that best suites the current band and operating conditions. [dB] 0 10 20 30 40 50 60 70 80 90 100 800 600 400 200 0 500Hz; 200 400 600 800 [Hz] Large, Multi-function LCD Interference management is not a problem with the Manual Notch filter. With it's incredible 70dB attenuation, the manual notch can eliminate a wide variety of QRM. The Automatic Notch Filter can track two or more interfering signals like Heterodynes and "Key uppers"! The large multi-function LCD displays frequency, 9-character channel name, channel number, multi functional meter (includes S-meter, RF output, SWR and ALC level) and other operating status. @@The RTTY tuning indicator helps critical tuning. @@@@CW pitch is adjustable (300 to 900Hz). Full break-in capability. @@This means, if an unwanted signal is removed using the DSP, the AGC will not be affected. In other words, "No more pumping of the AGC!" A/D DET D/A AF Also, the AGC is indepenManual IF NOTCH Filter AGC dently controllable for mode 3Lo AGC and the time settings. D/A DSP (Off, 0.1-6.0 or 8.0 sec.)

) H z 5k kHz z 45 36 Memory Keyer 4 channel memory keyer stores up to 50 characters with serial contest number auto-counter, morse cut number and auto repeat function. @@@@As with the transmit audio, select the amount of Bass and Treble you need for the audio clarity you want. 100 3000 2000 1000 You no longer have to worry about losing a CW signal while tuning with SSB mode. With the SSB/CW synchronous tuning, the frequency automatically shifts when you change modes. HF/50/144MHz ALL MODE TRANSCEIVER Mode SSB CW Passband width range 50500Hz 10 types; 50Hz step 10 types; 50Hz step 6003600Hz 31 types; 100Hz step Voice Squelch Control (VSC) function The Voice Squelch Control function opens the squelch only when receiving a modulated voice signal.

Other Outstanding Features Digital RF Speech Compressor Need more punch in your signal; the Icom Digital RF Speech Compressor gives you all you need without fuss and noise. Great for breaking through QRM. Speech compressor OFF Speech compressor ON 100W 2.5ms/Div 2.5ms/Div HF + 50MHz + 144MHz All Band Coverage Covering all HF bands as well as 50MHz and 144MHz, the IC-7400 all mode transceiver also includes a general coverage receiver from 0.0360MHz and 144146MHz with full IF DSP capability. * Some frequency bands are not guaranteed. · Triple band stacking register · 2 types of preamplifier (Regular and Higain) for HF and 50MHz bands, 1 for 144MHz band · 20dB RF attenuator · Level adjustable noise blanker (101 steps) · BPF function below 500Hz band width in SSB mode · 1/4 speed dial tuning function for SSB-data, CW and RTTY modes · 108 selectable DTCS and 50 selectable CTCSS with encoder/decoder · 1750Hz tone encoder · Optional high stability crystal unit, CR-338 · Up to 10 memo-pads temporarily store frequencies and modes · Quick split function with split lock function · ± 9.99kHz RIT and TX · Band edge beep · CI-V capability for PC control · VOX · Program, memory, select memory and F scans · IF transmit audio monitor (SSB mode only; AF transmit audio monitor for the other modes) · 102 memory channels · 9600bps data terminal · AH-4 control circuits · Auto TS function · Optional voice synthesizer unit, UT-102 announces the operating frequency, mode and S-meter level · 1Hz tuning and indication Continuous Duty at 100W The bipolar 2SC2694's are used to provide a clean 100 watts of output power for SSB, CW, RTTY and FM modes. (40W in AM).*

@@bands are not guaranteed. @@@@to 60 min. after power ON. @@Temperature fluctuations (0°C to +50°C; +32°F to +122°F) less than ±5ppm. · Frequency resolution : 1Hz · Power supply requirement: 13.8V DC ±15% · Power consumption : Tx Max. power 23A Rx Standby 2.2A Max. @@@88 006 092 575 290-294 Albert Street, Brunswick, Victoria, 3056, Australia Phone : 03 9387 0666 Fax : 03 9387 0022 URL : <http://www.icom.net.au> Icom (UK) Ltd. Unit 9, Sea St., Herne Bay, Kent, CT6 8LD, U.K.

@@.



[You're reading an excerpt. Click here to read official ICOM IC-7400](#)

[user guide](#)

<http://yourpdfguides.com/dref/2306830>