

# ICOM IC-7000



The **ICOM IC-7000** represents the next generation in all-mode HF/VHF/UHF mobile transceivers. DSP at the IF level is the cornerstone of this impressive new multi-bander. In fact, the 7000 employs two DSP chips to work its magic. Imagine having 41 bandwidths available - standard! You can even select *sharp* or *soft* filter shape. And variable twin PBT allows you to either narrow the IF passband, or shift the entire passband to eliminate QRM. All the controls are intuitive to use.

Yes, there is tremendous power "under the hood", but the radio is also down-right gorgeous. The 2.5 inch (diagonal) TFT color display presents numbers and indicators in bright, concentrated colors for easy recognition. You can choose from three background colors and two font styles. Not only does this display provide radio status, but it also supports a two-mode band scope. In the *Center Mode* the scope is centered on the receiving frequency. In the *Fixed Mode* the scope sweeps a fixed range.

Eight of the most-used radio functions are controlled by dedicated function keys grouped around the display for easy visibility. One quick touch turns the function on and off. A longer touch activates adjustment of the function's setting. An internal memory keyer provides four memories for station information or contest exchanges. The keyer also performs automatic



The IC-7000 Digital Signal Processing technology is first class! Enjoy digital IF filters, manual notch filter, digital twin PBT and more. The latest digital features are incorporated in this compact radio from two DSP chips that deliver superior processing performance. And the DSP features work on all ham bands from HF to 70 cm!

Mode	Passband width range
SSB	50–500Hz; 50Hz step
	600Hz–3.6kHz; 100Hz step
CW	50–500Hz; 50Hz step
	600Hz–3.6kHz; 100Hz step
RTTY	50–500Hz; 50Hz step
	600Hz–2.7kHz; 100Hz step
AM	200Hz–10kHz; 200Hz step
FM	7/10/15kHz; fixed step
WFM	280kHz; fixed

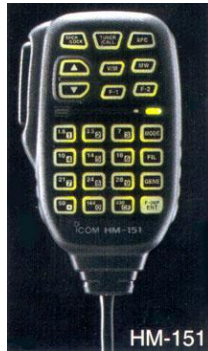


The IC-7000 gives you all the filters you could want through the magic of Digital Signal Processing technology. You can simply *dial* in the width you want and select whether you want a sharp or soft filter shape for SSB and CW modes.

repeat, automatic contest serial numbers and *cut-numbers*. The Digital Voice Recorder (DVR) function has a front panel REC control that allows you to record incoming signals for up to 25 minutes.

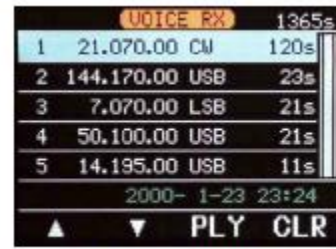
Other features include: a detachable control head (requires optional separation cable), 503 memories, S/PWR/SWR meter, RIT, Preamp, RTTY Demodulator, Attenuator, adjustable SSB bandwidth, NTSC video output, DTMF memory, VOX, full break-in and adjustable CW pitch.

The IC-7000 comes with the HM-151 backlit remote mic, spare fuses, key plug and DC power cable. (All screen shots are simulated).



### Features

- .03-199 MHz Receive
- 503 Alpha memories
- RIT
- Preamp/Attenuator
- VFO A/B
- 1 Hz Display
- Digital IF
- Twin PBT
- S/Rf/SWR Meter
- 100 Watts HF+6M
- 50 Watts 2M, 35 Watts 440
- Manual Notch
- All band Multimode
- Removable head
- CW Receive Reverse
- Mini Spectrum Scope
- Memory Keyer
- 2.5 Inch Color TFT



Voice RX memory

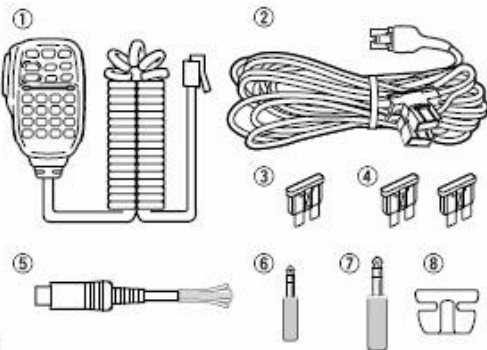
The IC-7000 has a built-in Digital Voice Recorder (DVR). You can record your callsign, CQ, or other information in four transmit playback memories with alphanumeric labels. A total of 90 seconds is available for the four memories. A front panel REC control allows you to record incoming signals for up to 25 minutes (99 channels at 120 seconds per channel). The DVR makes portable contesting or mini-expeditions a breeze!



RTTY decode screen

The IC-7000 has a built-in RTTY demodulator. (More information on this functionality will be added when available).

	Qty.
① Hand microphone (HM-151) .....	1
② DC power cable (OPC-1457) .....	1
③ Spare fuse (ATC 5 A) .....	1
④ Spare fuse (ATC 30 A) .....	2
⑤ ACC cable .....	1
⑥ 3.5 (d) mm plug .....	1
⑦ 6.5 (d) mm Electronic keyer plug .....	1
⑧ Microphone hanger .....	1



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