



the systems approach !

Designed for the connoisseur, the ICOM IC701 HF transceiver brings the latest digital technology to Amateur Radio. Study a few more of the vast list of features offered with the IC701 . . .

TWO VFO'S BUILT-IN

The second VFO, which is an optional tack-on with most other transceivers, is an integral feature in every IC701. Now you can work those Yanks on 40 and 80 metres!

OPTICALLY COUPLED VFO

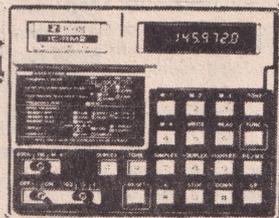
A VFO with no variable capacitors! Made under arrangement with Collins Radio, the IC701 maximises digital readout with positively no time lag or backlash in display stability, even when using 100Hz steps. The IC701's free wheeling dial is instantly co-ordinated with the high speed, computer controlled six digit readout using an optical chopper. There is absolutely NO mechanical connection between the smooth bearing mounted flywheel knob and the two dual-tracking VFOs.

COMPUTER COMPATIBLE INTERFACE

External microprocessor control from a PIA interface is possible via the 24 pin accessory socket on the rear panel of the IC701. The IC701 can even be interconnected with the companion 2 metre IC211 to track frequencies for Oscar work.

REMOTE CONTROL FACILITY

The IC701 can be remotely controlled via the new optional RM-2 computerised remote controller. This unit includes scan, duplex, memory and tone functions plus a touch-tone pad with digital readout. You can select frequencies and automatically change bands with this CPU controlled accessory.



CONTINUOUS OPERATION

The IC701 features continuous operation with a full 200w pep or 200w CW input on all bands and all modes. No need to worry about timing key-down operations as the IC701 is designed to handle the maximum power continuously! If the heat sink starts to warm-up a built-in fan automatically switches on. If a temperature danger point should ever be reached the fan doubles its speed and the digital display flashes to tell you to quit transmitting!

NO TUNING NECESSARY

Just select the required band and frequency and start transmitting!

ALL SOLID STATE

While the others are still fooling around with valves, ICOM have produced a solid state HF transceiver including protected transistors in the final.

CROSS MODULATION MINIMISED

Cross modulation — a fact of life with some rigs — is minimised with the double balanced Schottky diode mixer used for both transmit and receive.

SMALL ENOUGH FOR MOBILE

The IC701 is extremely compact with dimensions 111mm x 241mm x 311mm (H/W/L) and weighs only 7.3kg. No more need to struggle with heavy rigs impossible to mount under-dash!

FULL METERING

The front panel meter includes swr, power, ALC, compression and collector voltage/current measurement.

DESKTOP MICROPHONE AS STANDARD

A high quality condenser electret desk microphone is included as standard equipment with your new ICOM IC701.

VARIABLE POWER OUTPUT

In CW and RTTY modes power output can be continuously varied from zero to maximum 200 watts input. SSB output can easily be adjusted for novice use.

IDEAL FOR THE CW AND RTTY BUFF

The IC701 includes narrow CW filter as standard plus semi-break-in and sidetone facilities. The IC701 has switching to select either narrow or wide RTTY shift rates.

VICOM TECHNICAL BACK-UP

Your new IC701 comes complete with the VICOM 90 day warranty plus technical and spares support. VICOM staff have been factory briefed on the service and alignment procedures.

PLUS

- * Separate front-end RF stages using dual gate MOSFETs for each band, providing optimum performance.
- * Diode matrix to define band edge parameters.
- * Operation on all bands 1.8 thru 30MHz including WWV.
- * Modes include USB, LSB, CW, CW-N (narrow), RTTY.
- * Unique ICOM bandpass tuning.
- * VOX, Semibreak in CW, RIT, AGC, effective noise blanker.
- * Built-in speech processor using advanced circuitry.
- * All filters built-in.
- * Automatic front panel light dimming to suit ambient light conditions.
- * Separate VCOs for each band to reduce spurious and birdies.
- * Receive triple conversion.
- * Built-in DC power supply, optional AC power supply/speaker.
- * Full line of matching accessories to come.

COMPARE THE IC701 WITH THE OTHERS!

\$1180

IC701
state of
the art

Distributed by:

VICOM GROUP OF COMPANIES

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