

* For export only. Not sold in the US.

WOW! 100 watts on HF, 6 meters AND 2 meters! IF-DSP, too! Click on the small image to get a large picture of the IC-746.



A REAL HF radio with 6 and 2 meters. With solar cycle 23 gearing up, all hams will be able to take advantage of better HF propagation conditions, night AND day!

HF + 6 meter + 2 meter Coverage

The IC-746 offers all mode operation (SSB, CW, RTTY, AM and FM) on the amateur HF bands, 50 MHz and 144 MHz bands. In addition, a wide frequency coverage receiver provides continuous coverage from 30 KHz to 60 MHz and 108-174 MHz.

100 W Output for All Bands

100 Watts of output is available on all bands - HF, 50 MHz and 144 MHz, making the IC-746 a practical choice for all-around base station use. The die-cast aluminum chassis and a large cooling fan help to stabilize the PA circuit, providing 100% full duty cycle operation.

DSP Function Standard

DSP digitally transposes receive audio components in all modes of operation to produce desired AF frequency characteristics at the IF stage of the transceiver. This built-in DSP provides the following functions:

- Noise reduction
- Automatic notch filter
- Selectable APF

Large, Multi-Function LCD

Designed for ease of use and optimum readability in any lighting condition. Operating frequency, memory channel number, function settings and digital meter readouts are indicated. In addition, the following items can be displayed in the multi-function dot-matrix portion of the LCD:

- Band scope - provides a convenient visual indication of band conditions around a displayed frequency
- Memory names - up to 9 characters can be conveniently assigned to memories
- Key assignments - indicates functions assigned to multi-function switches
- Twin PBT settings - display passband widths and passband location

IC-746PRO - HF + 6M + 2M Base Transceiver

- against the RX frequency
- Split frequency - RX or TX frequency is displayed during split operation
- Memory keyer content - displays the contents of the CW memory keyer

Twin PBT (Pass Band Tuning)

This convenient function narrows the IF passband in two stages to eliminate interfering signals. Particularly useful during crowded band conditions such as pileups, contests, etc.

Versatile Filter Combinations

Up to 3 optional crystal filters can be installed, providing a wide variety of filter combinations. Choose a filter combination from the front panel that best suits your operating needs, for example 500 Hz and 250 Hz CW filters.

Digital, Multi-Function S/RF Meter

This meter provides a variety of useful information. Signal strength is indicated while receiving (S-meter) and RF output, SWR and ALC levels are simultaneously indicated while transmitting. A peak level hold function is available for the S-meter.

Complete CW Functions

CW enthusiasts won't be disappointed. With a built-in 4 channel memory keyer with 50 characters, multi-function electronic keyer, CW pitch control and full break0in (QSK), the IC-746 has it all.

Automatic Antenna Tuner

An automatic antenna tuner id built-in and covers the HF bands to 50 MHz. After operating on a band for the first time memories can be preset providing very high speed tuning.

[Download](#) the IC-746 PDF brochure.

Specifications:

- Dimensions: 11.3 (W) x 4.7 (H) x 12.5 (D); 19 lb, 10 oz
- HF + 6 Meters + 2 Meters
- All Mode, Including RTTY (FSK and AFSK) and PSK31
- 5-100 Variable Watts of Power (5-40 W on AM) on All Bands, Including 2 Meters
- Fast, Built-In Automatic Antenna Tuner for HF and 6 Meters
- 3 Antenna Connectors
- IF-DSP with Noise Reduction
- IF-DSP Auto Notch Filter
- Selectable DSP Audio Peak Filter (320/160/80 Hz)

- Noise Blanker
- Concentrated Information Dot Matrix LCD Display with Soft Key Controls
- Spectrum Scope
- Quadruple Conversion Superheterodyne for SSB, CW, AM, RTTY, Triple for FM
- Twin Passband Tuning (PBT)
- Triple Band Stacking Register
- 2 Step Preamplifier -- great for weak signal work on VHF. Single stage on 2 meters
- 10 "Memo Pad" Memories. Easy, powerful feature, great for contesters and DX'ers
- Noise Blanker
- 3 Optional Filter Slots -- 2 for 9 MHz and 1 for 455kHz, front panel selectable
- With the 4 filters that come as standard equipment, get up to a total of 7 filters
- Speech Compressor
- Tone Squelch Standard
- Tone Scan
- VOX
- SmarTune™ Tuning. Automatically senses how fast you want to tune by how fast the knob is turned
- Digital Metering. Measures 3 parameters, all at once
- Auto Repeater Duplex Setting for 2, 6, and 10 Meters
- Quick Split Function
- CW Pitch Control
- Semi and Full Break-In (QSK)
- Memory Keyer with 4 Built-In Memories
- Includes QSO serial number generator with count-up feature (incrementing the QSO number with each contact) and auto-repeat message
- Optional CT-17 level converter for PC programming
- FM Narrow Capability
- Transmit Audio Monitor
- Durable, Continuous Duty Cycle Transmitter
- Built-In Carrying Handle and Side Feet
- Optional Voice Synthesizer