Front mounted loud speaker
The IC-718 has a speaker mounted on the front panel. With the speaker facing the operator, audio sounds can be clearly heard without impediment during operation. It is no longer necessary to manually increase the volume to try and capture audio sounds.

Superior basic performance
The IC-718 has 0.03–29.999999 MHz general coverage receive capability. A 4-element system is employed for the 1st receive mixer, providing superior receive IMD, especially from in-band near-by interfering signals. A well-designed double-conversion system to help minimize image and spurious responses for better signal fidelity, is also built-in. A newly designed PLL circuit has been adopted to improve C/N ratio characteristics. The combination of the 4-element system mixer and new PLL circuit allows superior basic performance as that of a commercial grade transceiver.

*Guaranteed range: 0.5–29.999999 MHz

Optional DSP capability
With the optional UT-106* installed you gain AF DSP capabilities. The DSP includes the following to give you superior receive quality in your shack. * Already installed with some versions.

Noise reduction:
Pulls desired AF signals from noise. Outstanding S/N ratio is achieved, providing clean audio in SSB and AM.

Automatic Notch filter:
This automatically minimizes beat signals and heterodynes while preserving the receive signal. Also, the notch frequency is automatically adjusted to follow interfering beat signals—for example, reducing interference from RTTY signals during SSB operation.

Interference rejection—IF shift
To reject interference, the IC-718 has an IF shift function which shifts the center frequency of the IF passband electronically to reduce adjacent interference.

Microphone compressor
The IC-718 has a low distortion microphone compressor. This feature compresses microphone audio input to increase average audio output level. The result is, that talk power is increased. This function is effective for long distance communication, or when propagation conditions are poor.

RF gain control
RF gain control is combined with the squelch control. The RF gain adjusts minimum response receiver gain, and ignores signals weaker than the pre-set level—providing pleasant stand-by, or scanning.

Ample CW features
An electronic keyer with a variable dot/dash ratio (2.8:1 to 4.5:1) control is built-in. By simply connecting a paddle, easy CW operation can be made. The CW pitch and the key speed are also variable from 300–900 Hz, 6–60 wpm, respectively. Of course, full break-in capability is available with the adjustable break-in delay.

VOX operation
A VOX (voice operated transmission) is included with the IC-718. It provides hands-free operation by detecting audio signals from the microphone. It’s easy!
Flexible filter selection

An optional IF filter can be installed into the transceiver to suit your operating preference.

Selectable antenna tuner

Either the AT-180 or AH-4 optional antenna tuner can be used with the IC-718 to suit your installing conditions, or operating style. Of course, the AH-4 control circuit is built into the IC-718.

Simple operation

The IC-718 is equipped with a minimum number of switches and controls for superior feature selectability. The 10-key pad on the front panel to directly enter an operating frequency, or a memory channel number. The auto tuning steps function helps quick tuning activates when turning the dial quickly. And the band stacking register is very convenient when changing operating bands.

Digital S/RF meter

Built-in multi functional digital S/RF meter indicates signal strength level while receiving, and either transmit output power, ALC level or VSWR ratio while transmitting.

Optional voice synthesizer

A clear, electronically-generated voice announces operating frequency, mode and receiving signal strength level when the optional voice synthesizer unit, UT-102, is installed.

Other features

- USB, LSB, CW, RTTY (FSK) and AM modes are built-in
- Level adjustable noise blanker
- RF attenuator and Pre-amplifier
- Variety of scanning function types
- Total 101 memory channels are available
- Hand microphone is supplied, and more...
**SPECIFICATIONS**

**GENERAL**
- **Frequency range**: 0.030–29.99999 MHz
- **Power supply requirement**: 13.8 V DC ± 15 % (negative ground)
- **Frequency stability**: Less than ±200 Hz from 1 min. to 60 min. after power ON. After that rate of stability less than ±30 Hz/hr. 60 min. after power ON. After that rate of stability less than ±30 Hz/hr.
- **Temperature fluctuations**: 0˚C to +50˚C (±32˚F to +122˚F) less than ±350 Hz
- **Dimensions**: 240(W) × 232(C) × 95(H) mm

**TRANSMITTER**
- **Modulation system**: SSB AM
  - Balanced modulation
  - Low level modulation
- **Output power**: SSB, CW, RTTY AM
  - 2–100 W
  - 2–40 W
- **Spurious emissions**: Less than –50 dB below peak output power
- **Carrier suppression**: More than 40 dB
- **Unwanted sideband**: More than 50 dB
- **Microphone connector**: 8-pin connector (600 Ω)
- **KEY connector**: 3-conductor 6.5 (d) mm (1/4")
- **SEND connector**: Phone (RCA)
- **ALC connector**: Phone (RCA)

**OPTIONS**

- **HF LINEAR AMPLIFIER**
  - HF+50 MHz 1 kW
  - Model: IC-PW1/IC-PW1EURO
  - Covers all HF and 50 MHz bands, provides clean, stable 1 kW output.

- **EXTERNAL SPEAKER**
  - 4 audio filters, front mounted headphone jack.
  - (Not available for EU countries)

- **DESKTOP MICROPHONE**
  - High quality desktop microphone.
  - Includes [UP]/[DOWN] switches and low cut function.

- **HAND MICROPHONE**
  - Same as that supplied.

- **FOLDED DIPOLE ANTENNA**
  - Covers 3.5–30 MHz with a 7 m (23 ft) or longer wire antenna.

**RECEIVER**
- **Receiver system**: Double-conversion superheterodyne
- **Sensitivity (10 dB SIN)**
  - SSB, CW, RTTY AM
  - 0.16 µV (1.8–29.99999 MHz)
  - 13 µV (0.5–1.799999 MHz)
- **Audio output power**
  - (at 13.8 V DC)
  - AM: More than 2.0 W at 10% distortion with an 8 Ω load
  - SSB, CW, RTTY: ±1200 Hz
- **Spurious and image rejection ratio**: More than 70 dB

**APPLICATIONS**

- **Pipe type crystal oscillator for improved frequency stability.**
  - Frequency stability: ±0.5 ppm
  - OPC-599 ACC 13 PIN CABLE ADAPTER

**CACHET REVENDEUR**

Les spécifications et informations données dans ce document peuvent être modifiées sans préavis.

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