

IC-718 HF

Las bandas HF le permiten comunicarse a través de grandes distancias cubriendo muchos kilómetros incluso hasta el otro lado del mundo. Debido al rendimiento superior de IC-718 HF tal como su amplio rango dinámico, de alta relación portadora/ruido, y operación continua, le será fácil hacer contactos. Experimente la combinación de la última tecnología de RF y digital, junto con el tamaño ideal y operación simplificada. Usted notará que el IC-718 será el dispositivo más práctico que haya adquirido.

Alta voz de gran sonoridad montado al frente

EL IC-718 cuenta con un altavoz montado sobre el panel delantero. Con el altavoz de frente al operador es posible escuchar claramente los sonidos de audio sin ningún impedimento durante la operación. Ya no es necesario subir el volumen manualmente para intentar capturar sonidos de audio.

VOX Operation

El IC-718 incluye VOX (transmisión operada por voz). Ofrece operación a manos libres detectando señales de audio desde el micrófono. Es fácil de utilizar.

Rechazo de interferencia desplazamiento del IF (FI)

Para rechazar interferencia, el IC-718 tiene una función de desplazamiento de IF que desplaza electrónicamente la frecuencia central del paso de banda de IF para reducir la interferencia adyacente.

Selección flexible de filtro

Para satisfacer sus preferencias de operación, se puede instalar un filtro de IF opcional en el transceptor.

Amplias características de onda continua (CW)

El control de ganancia de RF se combina con el control de silenciamiento. La ganancia de RF ajusta la respuesta mínima de ganancia del receptor, e ignora las señales más débiles que las de nivel pre establecido, ofreciendo un estado de espera o escaneo más placentero.

Sintetizador de voz opcional

Cuando está instalada la unidad sintetizadora de voz UT-102 opcional, una voz clara, generada electrónicamente, anuncia la frecuencia de operación, el modo de recepción y el nivel de intensidad de la señal de recepción.

Otras características

- * Modos de USB, LSB, CW, RTTY (FSK) y AM
- * Nivel ajustable de supresión de ruido
- * Atenuador de RF y pre-amplificador
- * Variedad de tipos de función de escaneo
- * 101 Canales de memoria disponibles en total
- * Se suministra micrófono de mano, y más

	Frecuencia	Potencia	Canales
HF	0.5-29.99 MHz	2-100 watts	101



SPECIFICATIONS

GENERAL

- Frequency range :
 - Rx 0.030–29.999999 MHz*1
 - Tx 1.800– 1.999999 MHz*2 3.500– 3.999999 MHz*2
 - 7.000– 7.300000 MHz 10.100–10.150000 MHz
 - 14.000–14.350000 MHz 18.068–18.168000 MHz
 - 21.000–21.450000 MHz 24.890–24.990000 MHz
 - 28.000–29.700000 MHz

*1Guaranteed range: 0.5–29.999999 MHz

*2Varies according to version

- Mode : USB, LSB, CW, RTTY (FSK), AM
- No. of memory Ch. : 101 (99 regular, 2 scan edges)
- Frequency resolution : 1 Hz
- 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. at +25°C (+77°F). Temperature fluctuations 0°C to +50°C (+32°F to +122°F) less than ±350 Hz

- Power supply requirement: 13.8 V DC ±15 % (negative ground)
- Current drain (at 13.8 V DC):
 - Receive Stand-by 1.3 A
 - max. audio 2.0 A
 - Transmit max. power 20.0 A
- Operatable temp. range : -10°C to +60°C; +14°F to +140°F

- Antenna connector : SO-239 (50 Ω)
- Dimensions : 240(W)×95(H)×239(D) mm (projections not included) 9½(W)×3¾(H)×9½(D) in
- Weight (approx.) : 3.8 kg; 8 lb 6 oz
- ACC connector : 13-pin
- REMOTE connector : 2-conductor 3.5 (d) mm (¼)

TRANSMITTER

- Modulation system :
 - SSB Balanced modulation
 - AM Low level modulation
- Output power :
 - SSB, CW, RTTY 2–100 W
 - AM 2–40 W
- Spurious emissions : Less than -50 dB below peak output power

*spurious freq.; below 30 MHz: -50 dB, above 30 MHz: -60 dB

- 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 (¼)
- SEND connector : Phono (RCA)
- ALC connector : Phono (RCA)

RECEIVER

- Receiver system : Double-conversion superheterodyne
- Sensitivity (10 dB S/N) :
 - SSB, CW, RTTY 0.16µV (1.8–29.999999 MHz)
 - AM 13 µV (0.5–1.799999 MHz)
 - 2 µV (1.8–29.999999 MHz)
- SQL sensitivity : Less than 5.6 µV (SSB)
- Selectivity :
 - SSB, CW, RTTY More than 2.1 kHz/–6 dB
 - Less than 4.5 kHz/–60 dB
 - AM More than 6.0 kHz/–6 dB
 - Less than 20 kHz/–40 dB
- Spurious and image rejection ratio : More than 70 dB (1.8–29.999999 MHz)
- Audio output power (at 13.8 V DC) : More than 2.0 W at 10% distortion with an 8 Ω load
- RIT variable range : ±1200 Hz
- PHONES connector : 3-conductor 6.5 (d) mm (¼)
- EXT SP connector : 2-conductor 3.5 (d) mm (¼)/8 Ω

Supplied accessories:

- Hand microphone
- DC power cable
- Spare fuses

All stated specifications are typical and subject to change without notice or obligations.

OPTIONS



IC-PW1/IC-PW1EURO
HF+50 MHz 1 kW
HF LINEAR AMPLIFIER
Covers all HF and 50 MHz bands, provides clean, stable 1 kW output. Automatic antenna tuner and compact detachable controller are standard. 2 exciter inputs are available. (An optional OPC-599 is required.)



AH-2b ANTENNA ELEMENT
For mobile operation with the AH-4. All bands between 7–30 MHz can be matched.



AH-4 HF+50 MHz AUTOMATIC ANTENNA TUNER
Covers 3.5–30 MHz with a 7 m (23 ft) or longer wire antenna.



AT-180 AUTOMATIC ANTENNA TUNER
Compact, light weight antenna tuner.



PS-125 DC POWER SUPPLY
Compact power supply with high current capability. Output: 13.8 V DC (25 A max.)



SP-23 EXTERNAL SPEAKER
4 audio filters, front mounted headphone jack. (Not available for EU countries)



SM-20 DESKTOP MICROPHONE
High quality desktop microphone. Includes [UP]/[DOWN] switches and low cut function.



SM-6 DESKTOP MICROPHONE
Electret condenser-type desktop microphone.



HM-36 HAND MICROPHONE
Same as that supplied.



CT-17 CI-V LEVEL CONVERTER
For remote transceiver control from a PC equipped with an RS-232C port.



CR-338 HIGH STABILITY CRYSTAL UNIT
POC type crystal oscillator for improved frequency stability. Frequency stability: ±0.5 ppm



UT-102 VOICE SYNTHESIZER
Announces the operating mode, frequency and signal strength level, etc.

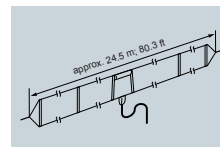


UT-106 DSP UNIT
Provides AF DSP functions, such as noise reduction and auto notch. Already installed with some versions.



455 kHz FILTERS
Have good shape factor and provide you with better reception.

- FL-52A CW/RTTY narrow; 500 Hz/–6 dB
- FL-53A CW narrow; 250 Hz/–6 dB
- FL-222 SSB narrow; 1.8 kHz/–6 dB
- FL-257 SSB wide; 3.3 kHz/–6 dB



AH-710 FOLDED DIPOLE ANTENNA
Covers from 1.9 to 30 MHz band. Has a PL-259 connector. Easy to assemble (non-kink construction).

- SP-20 EXTERNAL SPEAKER (Not available for EU countries)
- SP-21 EXTERNAL SPEAKER (Not available for EU countries)
- OPC-599 ACC 13 PIN CABLE ADAPTER
- IC-MB5 MOBILE BRACKET
- MB-23 CARRYING HANDLE

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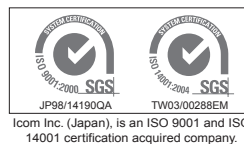
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