

HF/50/70MHz TRANSCEIVER

Revolutionary

The Real HF Fun Starts Here



IC-7300 – The Innovative HF Transceiver with High Performance Real-Time Spectrum Scope

Class Leading Real-Time Spectrum Scope

The IC-7300's real-time spectrum scope is classleading in resolution, sweep speed and dynamic range. While listening to received audio, you can check the real-time spectrum scope and quickly move to an intended signal. When you first touch the scope screen around the intended signal, the touched part is magnified. A second touch of the scope screen changes the operating frequency and allows you to accurately tune.

Real-Time Spectrum Scope Specifications

Scope system	FFT (Fast Fourier Transform)
Sweep speed	Max. 30 frames/second (approx.), Selectable from slow, mid or fast
Span width	5kHz–1000kHz
Resolution*	1 pixel minimum (approximately)
Waveform display area (vertical axis)	80dB
Reference level adjustment	–20dB to +20dB
Peak level hold function (Max. hold)	ON/OFF/last 10 seconds
Other functions	 Averaging indication Touch screen operation VBW (Video Band Width) adjustment

* Number of pixels shown at the 60dB level, when receiving a signal.

High-Resolution Waterfall Function

The combination of the waterfall function and the real-time spectrum scope assists in maximum receive performance of the IC-7300 and increases QSO opportunities without missing weak signals. The waterfall function shows a change of signal strength over a period of time and allows you to find weak signals that may not be apparent on the spectrum scope.



Audio Scope Function

The audio scope function can be used to observe various AF characteristics such as microphone compressor level, filter width, notch filter width and keying waveform in the CW mode. Either the transmit or receive audio can be displayed on the FFT scope with the waterfall function and the oscilloscope.



FFT scope/Oscilloscope



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RF Direct Sampling System

The IC-7300 employs an RF direct sampling system. RF signals are directly converted to digital data and processed in the FPGA (Field-Programmable Gate Array), making it possible to simplify the circuit construction. This system is a leading technology making an epoch in amateur radio.

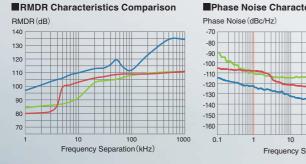
New "IP+" Function

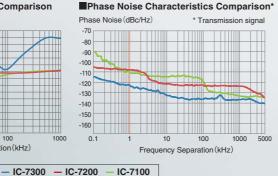
The new "IP+" function improves 3rd order intercept point (IP3) performance. When a weak signal is received adjacent to strong interference, the AD converter is optimized against signal distortion.

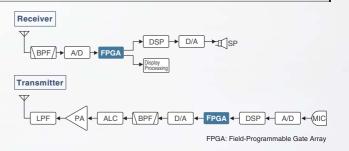
Class Leading RMDR (Reciprocal Mixing Dynamic Range) and Phase Noise Characteristics

The IC-7300's RMDR is improved to about 97dB* (typical value) and Phase Noise characteristics are improved about 15dB (at 1 kHz frequency separation) compared to the IC-7200. The superior Phase Noise characteristics reduce noise components in both receive and transmit signals.

* At 1 kHz frequency separation (received frequency: 14.2MHz, MODE: CW, IF BW: 500Hz)







15 Discrete Band-Pass Filters

The IC-7300 has 15 discrete RF band-pass filters. The RF signal is only passed through one of the band-pass filters, while any out of range signals are rejected. High Q factor coils are used to minimize the loss in the RF band-pass filters.



Built-In Automatic Antenna Tuner

The antenna tuner memorizes its settings based on your transmit frequency, so that it can rapidly tune when you change operating bands. The Enforced Tuning function* allows a wide range of temporarv antennas to be tuned.

Menu screer



7.073.000

ter screer

Band stacking regis

wertyuiop

sdfahikl zxcvbnm

ab@12 @ / SPACE , .

Memory name entry screer

Do not use the Enforced Tuning function except in case of an emergency. Transmission power may be reduced.



Actual size

Large Touch Screen Colour TFT LCD

The large 4.3 inch colour TFT touch LCD offers intuitive operation. Using the software keypad of the touch screen, you can easily set various functions and edit memory contents.



Multi-Dial Knob for Smooth Operation

The combination of the multi-dial knob and the touch screen offers quick and smooth operation. When you push the multi-dial knob, menu items are shown on the right side of the display. You can select an item with a touch of the screen and adjust levels by turning the multi-dial knob.

SD Memory Card Slot for Saving Data

The IC-7300 can store various contents into SD card such as received and transmitted audio, voice memories, RTTY/CW memories, RTTY decode logs and captured screen images. Personal and firmware updating data can also be stored to the SD card for easy setting.



Superior Sound Quality

To offer superior sound quality, a new speaker unit has been incorporated and is allocated dedicated space in the aluminum die-cast chassis.



Aluminum die-cast chassis

Other features

- New HM-219 hand microphone supplied
- Effective large cooling fan system
- A Multi-function meter
- 101 memory channels (99 regular, 2 scan edges) · Optional RS-BA1 IP remote control software (the
- spectrum scope with the waterfall can be observed)
- CW functions: Full break-in, CW reverse, CW auto tuning

HF/50/70MHz TRANSCEIVER

SPECIFICATIONS

GENERAL						
Frequency coverage	(Unit: MHz)					
Receiver*1	0.030-74.8003					
Transmitter*1	1.800–1.999, 3.500–3.800, 7.000–7.200, 10.100–10.150, 14.000–14.350, 18.068–18.168, 21.000–21.450, 24.890–24.99 28.000–29.700, 50.000–52.000, 70.000–70.500					
¹¹ 70 MHz band is for EUR version ² Guaranteed range: 0.500–29.	on. Each freque 999, 50.000–54	ency range is di 4.000, 70.000-	ffer according t 70.500 MHz.	o versions.		
Mode	SSB, CW, RTTY, AM, FM					
Number of channels	101 (99 regular, 2 scan edges)					
Antenna connector	SO-239 (50 Ω)					
Power supply requirement	13.8 V DC ±15%					
Power consumption	21 A (at 100 W output power)					
Rx	0.9 A typical (Standby), 1.25 A (Maximum audio)					
Operating temperature range	-10 °C to +60 °C; 14 °F to 140 °F					
Frequency stability	Less than ±0.5 ppm (-10°C to +60°C; 14°F to 140°F)					
Frequency resolution	1 Hz					
Dimensions (projections not included)		8 mm; 9.45 × 3.	7 imes 9.37 in (W $ imes$	$H \times D$)		
Weight (approximately)	4.2 kg; 9.26 lb					
TRANSMITTER						
Output SSB, CW, FM, RTTY		0 MHz), 2–50 W				
power AM		MHz), 1-12.5 W	(70 MHz)			
SSB	Digital P.S.N. I					
Modulation system AM		wer modulation				
FM		nce modulation	1			
HF bands	Less than -50					
Sourious omissions 50 MHz band	Less than -63 dB					
70 MHz band	Less than -60	dB				
70 MHz band Carrier suppression	Less than -60 More than 50	dB dB				
70 MHz band Carrier suppression Unwanted sideband	Less than -60 More than 50 More than 50	dB dB				
70 MHz band Carrier suppression Unwanted sideband Microphone impedance	Less than -60 More than 50	dB dB				
70 MHz band Carrier suppression Unwanted sideband Microphone impedance	Less than -60 More than 50 More than 50	dB dB				
70 MHz band Carrier suppression	Less than -60 More than 50 c More than 50 c 600Ω	dB dB	dyne			
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency	Less than -60 More than 50 of More than 50 of 600 Ω Direct Samplir 36 kHz	dB dB dB ng Superhetero				
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system	Less than -60 More than 50 of More than 50 of 600 Ω Direct Samplir 36 kHz	dB dB dB ng Superhetero 1.8–29.995 MHz	50 MHz band			
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity*3 SSB/CW (BW: 2.4 KHz at 10 dB S/N)	Less than -60 More than 50 of More than 50 of 600 Ω Direct Samplir 36 kHz 0.5- 1.8 MHz	dB dB dB ng Superhetero 1.8-29.995 MHz 0.16 μV	50 MHz band 0.13 μV	0.16 µV		
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity* ³	Less than -60 More than 50 of More than 50 of 600 Ω Direct Samplir 36 kHz	dB dB dB ng Superhetero 1.8–29.995 MHz 0.16 µV 2.0 µV	50 MHz band			
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity*3 SSB/CW (BW: 2.4 KHz at 10 dB S/N)	Less than -60 More than 50 of More than 50 of 600 Ω Direct Samplir 36 kHz 0.5- 1.8 MHz	dB dB dB 1.8-29.995 MHz 0.16 µV 2.0 µV 0.5 µV	50 MHz band 0.13 μV	0.16 µV		
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity ⁴³ SSB/CW (BW: 24 KHz at 10 dB S/N) AM (BW: 6 kHz at 10 dB S/N) FM (BW: 15 kHz at 12 dB SINAD)	Less than -60 More than 50 More than 50 0 600 Ω Direct Samplin 36 kHz 0.5-1.8 MHz - 12.6 μV -	dB dB dB 1.8–29.995 MHz 0.16 µV 2.0 µV 0.5 µV (28.0–28.7 MHz)	50 MHz band 0.13 μV 1.0 μV 0.25 μV	0.16 μV 1.0 μV 0.25 μV		
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity*3 SB/CW (BW: 24 KHz at 10 dB S/N) AM (BW: 6 kHz at 10 dB S/N) FM (BW: 15 kHz at 12 dB SINAD) Squelch sensitivity*3 (Threshold)	Less than -60 More than 50 of More than 50 of 600 Ω Direct Samplir 36 kHz 0.5-1.8 MHz - 12.6 μV - SSB: Less tha	dB dB dB 1.8-29.995 MHz 0.16 µV 2.0 µV (2.0 µV (2.8-29.7 MHz) n 5.6 µV, FM: L	50 MHz band 0.13 μV 1.0 μV 0.25 μV	0.16 μV 1.0 μV 0.25 μV		
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity ^{r3} SSB/CW (BW: 2.4 KHz at 10 dB S/N) AM (BW: 6 KHz at 10 dB S/N) FM (BW: 15 KHz at 12 dB SINAD) Squelch sensitivity ^{r3} (Threshold) * ³ HF: Preamp 1 ON, 50/70 MHz	Less than -60 More than 50 (More than 50 (600 Ω Direct Samplir 36 kHz 0.5- 1.8 MHz - - 12.6 μV - SSB: Less tha : Preamp 2 ON	dB dB dB 1.8-29.995 MHz 0.16 µV 2.0 µV (28.0-29.7 MHz) n 5.6 µV, FM: L	50 MHz band 0.13 μV 1.0 μV 0.25 μV ess than 0.3 μN	0.16 μV 1.0 μV 0.25 μV		
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity ^{r3} SSB/CW (BW: 2.4 KHz at 10 dB S/N) AM (BW: 6 kHz at 10 dB S/N) FM (BW: 15 kHz at 12 dB SINAD) Squelch sensitivity ^{r3} (Threshold) squelch sensitivity ^{r3} (Threshold) *3 HF: Preamp 1 ON, 50/70 MHz	Less than -60 More than 50 (More than 50 (600 Ω Direct Samplir 36 kHz 0.5- 1.8 MHz - 12.6 µV - SSB: Less tha Preamp 2 ON More	dB dB dB 1.8–29.995 MHz 0.16 μV 2.0 μV 0.5 μV (28.0–29.7 MHz) n 5.6 μV, FM: L	50 MHz band 0.13 μV 1.0 μV 0.25 μV ess than 0.3 μV Less	0.16 μV 1.0 μV 0.25 μV		
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity*3 SB/CW (BW: 2.4 KHz at 10 dB S/N) AM (BW: 6 kHz at 10 dB S/N) FM (BW: 15 kHz at 12 dB SINAD) Squelch sensitivity*3 (Threshold) *3 HF: Preamp 1 ON, 50/70 MHz Selectivity (sharp filter shape)	Less than -60 More than 50 of More than 50 of 600 Ω Direct Samplir 36 kHz 0.5- 1.8 MHz - 12.6 μV - SSB: Less tha Preamp 2 ON More 2.4 kHz	dB dB dB 1.8-29.995 MHz 0.16 μV 2.0 μV (280-29.7 MHz) n 5.6 μV, FM: L e than	50 MHz band 0.13 μV 1.0 μV 0.25 μV ess than 0.3 μV Less 3.4 kHz	0.16 μV 1.0 μV 0.25 μV /		
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity*a SSB/CW (BW: 2.4 KHz at 10 dB S/N) AM (BW: 6 kHz at 10 dB S/N) FM (BW: 15 kHz at 12 dB SINAD) Squelch sensitivity* ³ (Threshold) * ³ HF: Preamp 1 ON, 50/70 MHz Selectivity (sharp filter shape) SSB (BW: 2.4 KHz)	Less than -60 More than 50 of More than 50 of 600 Ω Direct Samplin 36 kHz 0.5-1.8 MHz - 12.6 μV - SSB: Less tha Preamp 2 ON More 2.4 kHz 500 Hz	dB dB mg Superhetero 1.8-29.995 MHz 0.16 μV 2.0 μV (2.0 μV (2.0 μV) (2.0 μV)	50 MHz band 0.13 μV 1.0 μV 0.25 μV ess than 0.3 μV Less 3.4 kHz 700 Hz	0.16 μV 1.0 μV 0.25 μV / than /-40 dB		
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity*3 SSB/CW (BW: 2.4 KHz at 10 dB S/N) AM (BW: 6 kHz at 10 dB S/N) FM (BW: 15 kHz at 12 dB SINAD) Squelch sensitivity*3 (Threshold) *3 HF: Preamp 1 ON, 50/70 MHz Selectivity (sharp filter shape) SSB (BW: 2.4 KHz) CW (BW: 500 Hz)	Less than -60 More than 50 (600 Ω Direct Samplir 36 kHz 0.5-1.8 MHz - - 12.6 μV - SSB: Less tha Preamp 2 ON More 2.4 kHz 500 Hz	dB dB dB 1.8-29.995 MHz 0.16 μV 2.0 μV 0.5 μV (280-29.7 MHz) n 5.6 μV, FM: L e than z/-6 dB z/-6 dB	50 MHz band 0.13 μV 1.0 μV 0.25 μV ess than 0.3 μV Less 3.4 kHz 700 Hz. 800 Hz.	0.16 μV 1.0 μV 0.25 μV / than /-40 dB (-40 dB		
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity ⁴³ <u>SSB/CW (BW: 2.4 KHz at 10 dB S/N)</u> <u>AM (BW: 6 kHz at 10 dB S/N)</u> <u>AM (BW: 6 kHz at 10 dB S/N)</u> FM (BW: 15 kHz at 12 dB SINAD) Squelch sensitivity ⁴³ (Threshold) ⁴³ HF: Preamp 1 ON, 50/70 MHz Selectivity (sharp filter shape) <u>SSB (BW: 2.4 KHz)</u> <u>CW (BW: 500 Hz)</u> <u>RTTY (BW: 500 Hz)</u>	Less than -60 More than 50 0 More than 50 0 600 Ω Direct Samplir 36 kHz 0.5-1.8 MHz - 12.6 μV - SSB: Less tha Preamp 2 ON More 2.4 kH 500 Hz 500 Hz 6.0 kH 12.0 kH	dB dB dB mg Superhetero 1.8-29.995 MHz 0.16 μV 2.0 μV 0.5 μV (20-237 MHz) n 5.6 μV, FM: L than z/-6 dB z/-6 dB z/-6 dB z/-6 dB	50 MHz band 0.13 μV 1.0 μV 0.25 μV ess than 0.3 μV Less 3.4 kHz 700 Hz, 800 Hz, 10 kHz/	0.16 μV 1.0 μV 0.25 μV /-40 dB /-40 dB /-40 dB		
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity*3 SSB/CW (BW: 2.4 KHz at 10 dB S/N) AM (BW: 6 kHz at 10 dB S/N) FM (BW: 15 kHz at 12 dB SINAD) Squelch sensitivity*3 (Threshold) *3 HF: Preamp 1 ON, 50/70 MHz Selectivity (sharp filter shape) SSB (BW: 2.4 KHz) CW (BW: 500 Hz) AM (BW: 6 kHz) FM (BW: 15 kHz)	Less than -60 More than 50 (600 Ω Direct Samplir 36 kHz 0.5-1.8 MHz - - SSB: Less tha : Preamp 2 ON More 2.4 kH; 500 Hz 500 Hz 6.0 kH 12.0 kH HF: More than	dB dB dB mg Superhetero 1.8-29.995 MHz 0.16 μV 2.0 μV 0.5 μV (20-237 MHz) n 5.6 μV, FM: L than z/-6 dB z/-6 dB z/-6 dB z/-6 dB	50 MHz band 0.13 µV 1.0 µV 0.25 µV ess than 0.3 µV Less 3.4 kHz 700 Hz, 800 Hz, 10 kHz, 22 kHz	0.16 μV 1.0 μV 0.25 μV / /-40 dB /-40 dB /-40 dB /-40 dB /-40 dB		
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity ^{r3} SSB/CW (BW: 2.4 KHz at 10 dB S/N) AM (BW: 6 kHz at 10 dB S/N) FM (BW: 15 kHz at 12 dB SINAD) Squelch sensitivity ^{r3} (Threshold) * ³ HF: Preamp 1 ON, 50/70 MHz Selectivity (sharp filter shape) SSB (BW: 2.4 KHz) CW (BW: 500 Hz) RTTY (BW: 500 Hz) AM (BW: 6 kHz) FM (BW: 15 kHz) Spurious and image rejection ratio	Less than -60 More than 50 (More than 50 (600 Ω Direct Samplir 36 kHz 0.5- 1.8 MHz - 12.6 μV - SSB: Less tha Preamp 2 ON More 2.4 kHz 500 Hz 500 Hz 500 Hz 500 KH 12.0 kH HF: More than 5070 MHzz: M	dB dB dB 1.8-29.995 MHz 0.16 µV 2.0 µV 0.5 µV (28.0-29.7 MHz) n 5.6 µV, FM: L bthan z/-6 dB z/-6 dB z/-6 dB z/-6 dB	50 MHz band 0.13 μV 1.0 μV 0.25 μV ess than 0.3 μV Less 3.4 kHz 700 Hz, 800 Hz, 10 kHz, 22 kHz, (Except for ADC A	0.16 μV 1.0 μV 0.25 μV / /-40 dB /-40 dB /-40 dB /-40 dB /-40 dB /-40 dB /-40 dB		
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity*3 SSB/CW (BW: 2.4 KHz at 10 dB S/N) AM (BW: 6 kHz at 10 dB S/N) FM (BW: 15 kHz at 12 dB SINAD) Squelch sensitivity*3 (Threshold) *3 HF: Preamp 1 ON, 50/70 MHz Selectivity (sharp filter shape) SSB (BW: 2.4 KHz) CW (BW: 500 Hz) RTTY (BW: 500 Hz) RTTY (BW: 500 Hz) FM (BW: 15 kHz) Spurious and image rejection ratio Audio output power	Less than -60 More than 50 (More than 50 (600 Ω Direct Samplir 36 kHz 0.5- 1.8 MHz - 12.6 μV - SSB: Less tha Preamp 2 ON More 2.4 kHz 500 Hz 500 Hz 500 Hz 500 KH 12.0 kH HF: More than 5070 MHzz: M	dB dB dB 1.8–29.995 MHz 0.16 μV 2.0 μV 0.5 μV (280–28.7 MHz) n 5.6 μV, FM: L than z/–6 dB z/–6 dB z/–6 dB z/–6 dB z/–6 dB z/–6 dB z/–6 dB	50 MHz band 0.13 μV 1.0 μV 0.25 μV ess than 0.3 μV Less 3.4 kHz 700 Hz, 800 Hz, 10 kHz, 22 kHz, (Except for ADC A	0.16 μV 1.0 μV 0.25 μV / /-40 dB /-40 dB /-40 dB /-40 dB /-40 dB /-40 dB /-40 dB		
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity*3 SSB/CW (BW: 24 KHz at 10 dB S/N) AM (BW: 6 kHz at 10 dB S/N) FM (BW: 15 kHz at 12 dB SINAD) Squelch sensitivity*3 (Threshold) *3 HF: Preamp 1 ON, 50/70 MHz Selectivity (sharp filter shape) SSB (BW: 2.4 KHz) CW (BW: 50 Hz) AM (BW: 6 kHz) FM (BW: 15 kHz) Spurious and image rejection ratio Audio output power TUNER	Less than -60 More than 50 (More than 50 (600 Ω Direct Samplir 36 kHz 0.5- 1.8 MHz - 12.6 μV - SSB: Less tha Preamp 2 ON More 2.4 kHz 500 Hz 500 Hz 500 Hz 500 KH 12.0 kH HF: More than 5070 MHzz: M	dB dB dB 1.8-29.995 MHz 0.16 μV 2.0 μV 2.0 μV (2.0 -23 MHz) n 5.6 μV, FM: L than z/-6 dB z/-6 dB z	50 MHz band 0.13 μV 1.0 μV 0.25 μV ess than 0.3 μV Less 3.4 kHz 700 Hz, 800 Hz, 10 kHz, 22 kHz, (Except for ADC A	0.16 μV 1.0 μV 0.25 μV / /-40 dB /-40 dB /-40 dB /-40 dB /-40 dB /-40 dB /-40 dB		
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity*3 SSB/CW (BW: 2.4 KHz at 10 dB S/N) AM (BW: 6 kHz at 10 dB S/N) FM (BW: 15 kHz at 12 dB SINAD) Squelch sensitivity*3 (Threshold) *3 HF: Preamp 1 ON, 50/70 MHz Selectivity (sharp filter shape) SSB (BW: 2.4 KHz) CW (BW: 500 Hz) ATTY (BW: 500 Hz) ATTY (BW: 6 kHz) FM (BW: 15 kHz) Spurious and image rejection ratio Audio output power TUNER Frequency range	Less than -60 More than 50 of More than 50 of 600 Ω Direct Samplin 36 kHz 0.5-1.8 MHz - 12.6 μV - SSB: Less tha Preamp 2 ON More 2.4 kH 500 Hz 500 Hz 50/0 HZ 50/0 HZ 50/0 HZ 50/7 0 HHz M	dB dB dB 1.8-29.995 MHz 0.16 μV 2.0 μV 2.0 μV (2.0 -23 MHz) n 5.6 μV, FM: L than z/-6 dB z/-6 dB z	50 MHz band 0.13 μV 1.0 μV 0.25 μV ess than 0.3 μV ess than 0.3 μV Less 3.4 kHz 700 Hz, 800 Hz, 10 kHz, 22 kHz, (Except for ADC A ion with an 8 Ω loa	0.16 μV 1.0 μV 0.25 μV / /-40 dB /-40 dB /-		
70 MHz band Carrier suppression Unwanted sideband Microphone impedance RECEIVER Receiver system Intermediate frequency Sensitivity*3 SSB/CW (BW: 2.4 KHz at 10 dB S/N) AM (BW: 6 kHz at 10 dB S/N) FM (BW: 15 kHz at 12 dB SINAD) Squelch sensitivity*3 (Threshold) *3 HF: Preamp 1 ON, 50/70 MHz Selectivity (sharp filter shape) SSB (BW: 2.4 KHz) CW (BW: 500 Hz) AM (BW: 6 kHz)	Less than -60 More than 50 of More than 50 of 600 Ω Direct Samplin 36 kHz 0.5-1.8 MHz - 12.6 μV - SSB: Less tha Preamp 2 ON More 2.4 kH 500 Hz 500 Hz 50/0 HZ 50/0 HZ 50/0 HZ 50/7 0 HHz M	dB dB dB dB 1.8 - 29.995 MHz 0.16 µV 2.0 µV 0.5 µV (28.0 - 29.7 MHz) n 5.6 µV, FM: L 2.6 dB z/-6 dB	50 MHz band 0.13 μV 1.0 μV 0.25 μV ess than 0.3 μV ess than 0.3 μV Less 3.4 kHz 700 Hz, 800 Hz, 10 kHz, 22 kHz, (Except for ADC A ion with an 8 Ω loa	0.16 μV 1.0 μV 0.25 μV / /-40 dB /-40		





OPTIONS Some options may not be available in some countries. Please ask your dealer for details

HF+50M Hz AUTOMATIC

ANTENNA TUNER

AH-2b

ANTENNA

ELEMENT

AH-4

PS-126

DC POWER SUPPLY

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