

OTHER FEATURES

- VSC ignores unmodulated signals or heterodynes
- CTCSS/DTCS tones and duplex mode operation for monitoring a repeater
- S-meter squelch • Pocket beep function • IF filter selection
- IF shift function (SSB, CW mode only)
- Noise blanker eliminates pulse type noise. (SSB, CW, AM mode only)
- 20dB (approx.) RF attenuator (below 1300MHz)
- Auto memory write scan searches for a signal, and when a signal is detected, the received frequency is automatically stored in PC memory

- AFC function (Auto Frequency Control) automatically follows an FM mode signal when the signal's frequency drifts. (BW: 6kHz or 15kHz)
- AGC function; Fast/slow setting is available
- Weather alert function (U.S.A. and Canada versions only)
- 24-digit DTMF tone decoder • Squelch delay
- Up to 2600 memory channels per file
- U.S.A. Customers check out www.icomreceivers.com for frequency lists in your neighborhood and region. (Based on FCC licensee database.)

SPECIFICATIONS

GENERAL

• Frequency coverage and mode :

	Frequency coverage	Mode
Main receiver	0.010–3299.999MHz** (Guaranteed 0.495–3000MHz)	AM, FM, WFM, DV*2, P25*3
	0.495–1300MHz**	USB, LSB, CW
Sub-receiver	50–1300MHz**	AM, FM, WFM

*1 Cellular bands are blocked in the U.S.A. version.

** Optional UT-118 required. *3 Optional UT-122 required.

France 0.010–29.999*, 50.200–51.200, 87.500–107.999,
144–146, 430–440, 1240–1300MHz

** Main receiver only. Guaranteed range 0.495–29.999MHz

• Usable temperature range : 0°C to +60°C; +32°F to +140°F

• Frequency stability : Less than ±3ppm on the basis of 25°C (0°C to +60°C)

• Tuning steps : 1Hz (minimum)

• Power supply : 12.0V DC ±15%

• Current drain (at 12.0V DC) :

Max. audio Less than 1.5A (Dual mode)

Stand-by 0.85A typ. (Dual mode)

• Antenna Impedance : 50Ω (BNC)

• Dimensions (W×H×D) : 146×41×206 mm

(Projections are not included) ; 5¾×1½×8½ in

• Weight (approx.): : 1350g; 3lb

All stated specifications are subject to change without notice or obligation.

RECEIVER

• Receiver system : Triple-conversion super-heterodyne + Down converter

• Intermediate frequencies : 1st 266.70MHz
2nd 10.70MHz
3rd 450kHz (Except WFM)

• Sensitivity (Less than) :

	SSB, CW	AM	FM	WFM
0.495–1.799MHz	5.0μV	25μV	–	–
1.8–49.999MHz	0.5μV	2.5μV	0.63μV*2	–
50–699.999MHz	0.4μV	2μV	0.5μV	1.4μV
700–1300.000MHz	0.5μV	2.5μV	0.63μV	1.8μV
1300*1–2299.999MHz	–	–	5.6μV	18μV
2300–3000.000MHz	–	–	18μV	56μV

*1 1300.00001MHz *2 28–49.999MHz

SSB, CW BW=2.8kHz, AM BW=6.0kHz at 10dB S/N

FM BW=15kHz, WFM BW=230kHz at 12dB SINAD

• Selectivity (typical) :

SSB, CW, AM More than 2.8kHz/–6dB

SSB, CW, AM, FM More than 6.0kHz/–6dB

FM, AM More than 15kHz/–6dB

FM, AM, WFM More than 50kHz/–6dB

WFM More than 230kHz/–6dB

• Audio output power : More than 500mW at 10% distortion with an 8Ω load

• External SP connector : 2-conductor 3.5 (d) mm (1/8") /8Ω

PC REQUIREMENTS

• Microsoft® Windows® XP/2000/ME/98SE • USB 1.1 or 2.0

• Intel® Pentium® III 450MHz or faster (Pentium® 4 recommended)

• Hard disk with at least 50 MB of free disk space

• At least 128 MB of memory (256MB or more recommended)

• Display with 1024 × 768 pixel resolution, high color

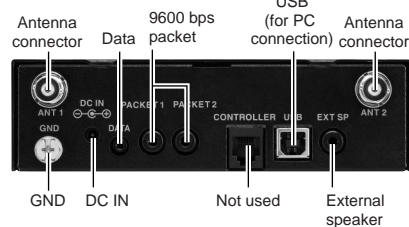
• CD-ROM or DVD drive is required for software installation

• USB audio dropouts or gaps may occur because of a lack of PC power

• Additional hard disk space is required for recording sound or storing scope data

Turn off the Main unit power switch when not using the IC-PCR2500 while installed in a vehicle. The IC-PCR2500 has standby power consumption that will drain the vehicle battery over a period of time.

Rear view



OPTIONS

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

• UT-106 DSP UNIT

Provides noise reduction and auto notch functions.

• UT-108 DTMF DECODER UNIT

DTMF decode function for Sub-receiver. Either UT-108 or UT-118 can be installed in the receiver.

• UT-118 D-STAR DIGITAL UNIT

Provides D-STAR DV mode reception. Either UT-108 or UT-118 can be installed in the receiver.

• UT-122 P25 DIGITAL UNIT

Provides APCO P25 digital mode reception.

• AD-113A/E AC ADAPTOR

10.5V DC, 1.8A/1.5A (A/E) output. Same as supplied.

• CP-12L CIGARETTE LIGHTER CABLE

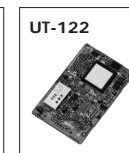
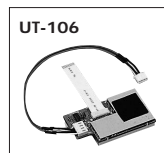
12V DC, 2A output from 12V cigarette lighter socket.

• OPC-254L DC POWER CABLE

For use with an external power supply. (12V DC required)

• SP-10 EXTERNAL SPEAKER

For all-round mobile operation.



Supplied accessories

- AD-113A/E* • USB cable • Software CD • Antenna

(* Depending on version)

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