

SPECIFICATIONS

| GENERAL | | | | |
|--|---|---------------|---------------|---------------|
| Frequency coverage*1 (Unit: MHz) | | | | |
| Receiver | 0.030-60.000*2 | | | |
| Transmit | 0.1357-0.1378 | 1.810-1.999 | 3.500-3.800 | 7.000-7.200 |
| | 10.100-10.150 | 14.000-14.350 | 18.068-18.168 | 21.000-21.450 |
| | 24.890-24.990 | 28.000-29.700 | 50.000-52.000 | |
| | *1 Showing EUR version. Varies according to version. *2 Some frequency bands are not guaranteed. | | | |
| Mode | USB, LSB, CW, RTTY, PSK31/63, AM, FM | | | |
| No. of memory channels | 101 (99 regular, 2 scan edges) | | | |
| Antenna connector | SO-239×4 and BNC×2 (50Ω unbalanced (Tuner off)) | | | |
| Operating temp. range | 0°C to +50°C; +32°F to +122°F | | | |
| Frequency stability | Less than ±0.05ppm (0°C to +50°C @ 54MHz, after warm up) | | | |
| Frequency resolution | 1Hz (minimum) | | | |
| Power supply requirement | 85-265V AC | | | |
| Current drain | TX: 800VA (Max. power) | | | |
| | RX: 130VA/120VA typ. (Max. audio/standby) | | | |
| Dimensions (W×H×D, projections not included) | 425×149×435 mm; 16.73×5.87×17.13 in | | | |
| | Weight (approximate) 23.5 kg; 51.8 lb | | | |
| TRANSMITTER | | | | |
| Output power | SSB/CW/FM/RTTY/PSK: 5-200W | | | |
| | AM: 5-50W Transverter connector (CW): More than -20dBm | | | |
| Modulation system | SSB : Digital P.S.N. modulation AM : Digital low power modulation FM : Digital phase modulation | | | |
| Spurious emissions | HF bands: More than 60dB | | | |
| | 50MHz band: More than 70dB | | | |
| Carrier suppression | More than 63dB | | | |
| Unwanted sideband suppression | More than 70dB | | | |
| ΔTX variable range | ±9.999kHz | | | |
| Microphone impedance | 600Ω (8-pin connector) | | | |

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

| RECEIVER | | | |
|------------------------------------|--|--------------------|--------------|
| Receive system | Double conversion super-heterodyne system | | |
| Intermediate frequencies | Main receiver: 64.455MHz/36kHz (1st/2nd) | | |
| | Sub receiver: 64.555MHz/36kHz (1st/2nd) | | |
| Sensitivity (typical) | (HF: Pre-amp 1 ON, 50MHz: Pre-amp 2 ON) | | |
| | 0.1-1.799MHz | 1.8-29.990MHz | 50-54MHz |
| | SSB, CW, RTTY, PSK (BW=2.4kHz, at 10dB S/N) | 0.5μV | 0.16μV |
| AM (BW=6kHz, at 10dB S/N) | 6.3μV | 2μV | 1μV |
| FM (BW=15kHz, at 12dB SINAD) | - | 0.5μV (28-29.9MHz) | 0.32μV |
| Squelch sensitivity | SSB, CW, RTTY, PSK: Less than 5.6μV (Pre-amp: OFF) FM: Less than 1μV (Pre-amp: OFF) | | |
| Selectivity | More than | | Less than |
| | SSB (BW=2.4kHz, sharp) | 2.4kHz/-3dB | 3.6kHz/-60dB |
| CW/RTTY/PSK (BW=500Hz, sharp) | 500Hz/-3dB | 700Hz/-60dB | |
| AM (BW=6kHz) | 6.0kHz/-3dB | 15.0kHz/-60dB | |
| FM (BW=15kHz) | 12.0kHz/-6dB | 20.0kHz/-60dB | |
| Spurious and image rejection ratio | More than 70dB | | |
| Audio output power | More than 2.6W (10% distortion, 8Ω load) | | |
| RIT variable range | ±9.999kHz | | |
| ANTENNA TUNER | | | |
| Matching impedance range | HF bands: 16.7Ω to 150Ω unbalanced (VSWR better than 3:1) | | |
| | 50MHz: 20Ω to 125Ω unbalanced (VSWR better than 2.5:1) | | |
| Minimum operating power | HF bands: 8W 50MHz band: 15W | | |
| Tuning accuracy | VSWR 1.5:1 or less | | |
| Insertion loss | Less than 1.0 dB (after tuning) | | |

Supplied accessories: (* May differs depending on version)

- Rack mount handles
- SD card
- AC power cable
- Spare fuses
- Plugs

OPTIONS

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



IC-PW1/IC-PW1EURO

HF+50MHz 1kW LINEAR AMPLIFIER
Automatic antenna tuner and compact detachable controller are standard. 2 exciter inputs and 4 antenna connectors are available.

SP-34 EXTERNAL SPEAKER

4 audio filters; headphone jack; can connect to 2 transceivers.
Input impedance: 8Ω Max. input: 5W

SM-50 DESKTOP MICROPHONE

Dynamic microphone with [UP/DOWN] switches.

HM-36 HAND MICROPHONE



SP-33 EXTERNAL SPEAKER



SM-30 DESKTOP MICROPHONE



CT-17 CI-V LEVEL CONVERTER



RS-BA1 IP REMOTE CONTROL SOFTWARE



RC-28 USB REMOTE ENCODER



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唯一、無比

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Hear What You Couldn't Hear
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