



协谷科技
XIEGU TECHNOLOGY

X108G HF Transceiver

V1.01A

Outdoor Version



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X108G HF Transceiver



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Features:

Low noise, single conversion HF Transceiver

Double balanced diode mixer for extend dynamic range

0.25 μ V receive sensitivity (preamp on)

Narrow band double tuned bandpass filters covering all HF amateur frequencies including WARC bands

Built NC APC circuit

Circuit standard with high quality 0.5ppm TXCO clock source

0.50KHz narrow band CW filter configuration

Standard Accessories:

- ◆ USB Programming Cable x1
- ◆ Power Supply Cable x1
- ◆ Speaker Microphone x1

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Specifications:

Frequency range: Receive 0.5-30MHz (Continuous)

Transmitting: ALL HF bands WARC bands

Operating mode: SSB(J3E), CW(A1A), AM(A3E)

Minimum frequency step: 1Hz

Antenna impedance: 50Ω

Operating temperature range: -10°C~+60°C

Frequency stability: ±0.5ppm @ Open the power about 5 mins, -10°C~+60°C

Operating voltage: 12~14.5V DC

Current draw: Receiving 600mA @Max

Transmitting: 7.5A @ Max

Size: 120 * 45 * 180 (mm)

Transmitting

Power: More than 15W (@13.8V)

Modulation mode: SSB balanced

AM Low level

Spurious resonance rejection: ≥40dBc

Carrier suppression: ≥45dBc

IF filter: SSB 2.4KHz(-6dB)

CW 500Hz(-6dB)

Receiving

IF Frequency: 10.7MHz

Receive sensitivity:

0.5μV@12dB SINAD(PRE ON, ≤2MHz)

0.3μV@12dB SINAD(PRE ON, >2MHz)

Receive Frequency bands:

1.8-2.0MHz 3.5-4.0MHz

5.0-5.5MHz 7.0-7.3MHz

10.0-10.2MHz 14.0-14.5MHz

18.0-18.2MHz 21.0-21.6MHz

24.8-25.0MHz 28.0-28.8MHz

0.5-30.0MHz(*)



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