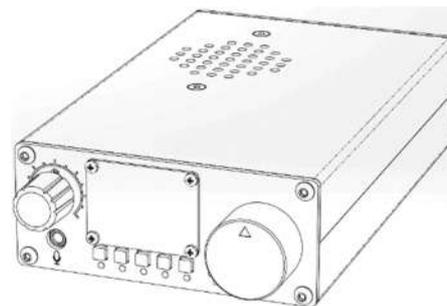


XIEGU

Four bands HF transceiver

G1M

User manual



V1.0.0-(Beta)

XIEGU Tech

Catalogue

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Parameters

Receiving frequency: 0.5~30MHz (Continuous)

Transmitting frequency: 3.5~4.0MHz

7.0~7.3MHz

14.0~14.35MHz

21.0~21.45MHz

Operating mode: SSB/CW

Receiving sensitivity: 0.35uV @12dB SINAD

Receiving dynamics: 90dB

Transmit power: 5W @13.8V DC

Spurious suppression: ≥45dB

Frequency stability: ±2.5ppm (30 minutes after turning on the power)

Audio output power: 0.5W

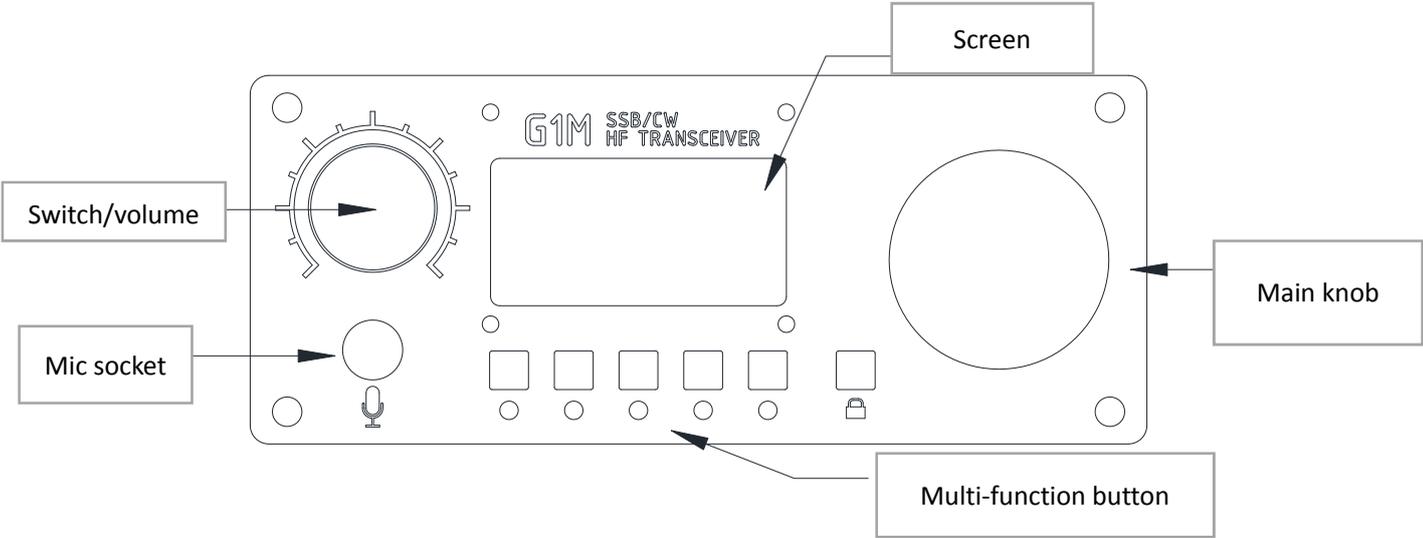
Operating Voltage: 12~15V DC

stand-by current: 0.5A @Max

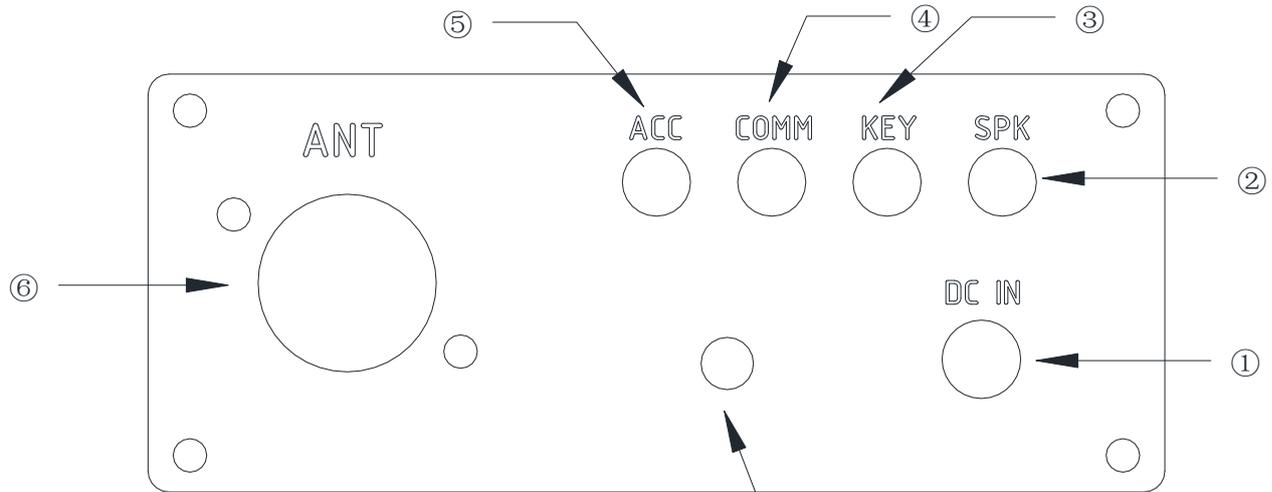
Transmitting current: 2.5A @Max

Case size:: 97*40*155 (mm)

Front Panel



Rear panel



- ① Power socket
- ② External speaker socket
- ③ CW Key Interface
- ④ Computer communication interface
- ⑤ ACC Interface
- ⑥ Antenna interface
- ⑦ Ground terminal

Operation

Page one menu



- TS+: The frequency stepping is shifted to the left by one;
- MD: Mode selection. After pressing, they are respectively LSB-USB-CW;
- A/B: switching of voltage controlled oscillators VFOA and VFOB;
- A=B: Set VFOB to the same VFOA setting;
- TS-: the frequency stepping is shifted to the right by one;

Page two menu



- V/M: frequency mode and channel mode switching;
- MC: Clearing the current channel storage in channel mode;
- V>M: When the current channel is empty, the currently set frequency, mode and other information are stored in the current channel;

Page three menu



- PRE: The switch of the preamplifier. When the preamplifier is turned on, the small white point before the PRE in the upper left corner of the screen will be displayed, indicating that the preamplifier is turned on; when the preamplifier is turned off, the white point becomes hollow.
- ATT: Switch of the pre-fader.
- SPL: Inter-frequency transceiver.

Page four menu



- RIT: RIT: After the frequency fine adjustment is turned on, rotate the frequency knob to fine-tune the frequency. When the RIT is turned off, the fine-tuning data is automatically cleared;
- MUT: system prompt tone mute switch;
- KYR: Key mode selection. Optional manual, automatic, and left-hand mode and right-hand mode.



Button: Short press this button to lock the keyboard and frequency knob, and the locked symbol is displayed in the upper right corner; press and hold this button to enter the project menu setting interface.

Project menu description

Note: Please do not change the settings of the project menu at will, so as not to cause the rig to work abnormally!

- Press and hold the "LK/SYS" button for 2s to enter the project menu setting interface.
- In the project menu mode, turn the encoder knob to select the option. When you want to select a certain setting function, after the encoder is rotated to the current item, press the encoder button to enter the setting state, the leftmost button and the most The right button is to move the current step. Turn the frequency knob to perform the selected digit increase and decrease operation. .



01. IF OFST: IF setting;

02. LSB BFO: LSB mode BFO frequency setting;

03. USB BFO: USB mode BFO frequency setting;

04. CW BFO: CW mode BFO setting;

-
- 05.CW TONE: CW mode side tone tone setting;
 - 06.CW TDLY: CW transmission delay setting;
 - 07. KYR SPD: Automatic telegraph key transmission rate setting;
 - 08.TXP TIM: Long-term protection time setting, in seconds;
 - 09.BRITNES: screen brightness setting;
 - 10.CNTRST: screen contrast setting;
 - 11.FBND TX: Non-amateur frequency prohibition of launch settings;
 - 12.DDS CLK: DDS clock setting;
 - 13.DDS MLT: DDS multiplier setting;
 - 14.RST ALL: The project menu parameters are reset. Select this item, set 0 to 1, exit the item, press the LK/SYS button, rotate the frequency knob, select yes, press the frequency knob again to exit the project menu, then switch the machine again, the setup parameters of the project menu will be restored. To the default parameters.
- ★ After all settings have been adjusted, press the frequency knob to exit the item, then press the “LK/SYS” button. The system prompts whether to save the settings and displays “NO” and “Yes”. Rotate the frequency knob to select the corresponding item and press it again. The frequency knob exits the project menu..

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