

## G1M portable multi-band QRP HF transceiver

The G1M is an entry-level amateur radio product.

The G1M's case, function, display (OLED screen), and operation mode all follow the X1M style, it is a highly portable, and very cost effective.

On the circuit, we have made new design, its performance will be significantly improved than the X1M, and the degree of integration is higher, circuit reliability and stability have been greatly improved.

The panel buttons have been adjusted, and the overall vision and use are also better than the original X1M.

We also complements the interface for the X1M, and the new peripheral interface can be easily connected to the XPA125/XPA125B amplifier. The connection to the PC has also been changed to a more convenient 3.5mm socket.

### Basic parameters:

Receiving frequency: 0.5~30MHz

Transmitting frequency: 3.5MHz band / 5MHz band / 7MHz band / 14MHz band / 21MHz band

Working mode: SSB/CW

Receive sensitivity: 0.35uV @12dB SINAD

Receiving dynamics: 90~95dB

Transmitting power: 5~8W @13.8V DC

Transmit spurious suppression:  $\geq 45$ dB

Frequency stability:  $\pm 1$ ppm (after 10 minutes of power on)

Audio output power: 0.5W

Working voltage: 12~15V DC

Size: 97\*40\*155 (mm)



- ✓ OLED display;
- ✓ Support manual / automatic key switch;

- ✓ Support connection with XPA125/XPA125B/XPA20 amplifiers;
- ✓ Support connection control with PC;
- ✓ Support data communication mode;
- ✓ AGC unit;
- ✓ The internal crystal filter features are very good.

