

FST-GP2009TR PAGER REPEATER



★ Software Supported. You can use our software or yours, we have simple interface to use.

★ Flexible to fit any system

- ★ 7.5-12VDC power support.
- ★ USB or 232 port supported.
- ★ TX Power 2WMax.
- ★ Can be using as a encoder to fit other transmitter
- ★ Repeater function.

Specification

Frequency range TX: 137-930 MHz

Frequency range RX: 142-930 MHz

Modulation Type: FSK

BPS : 512/1200/2400

Channel Spacing: 12.5/25KHZ

Output Power: 0.5-2Wmax

Receiver sensitivity: -103DB

Harmonic Radiation:less - 25dBm

Frequency Stability:5PPM at -10°C~60°C

Output Connect:BNC

Current ConsumptionStandby: 30mA;

Receive: 30mA;

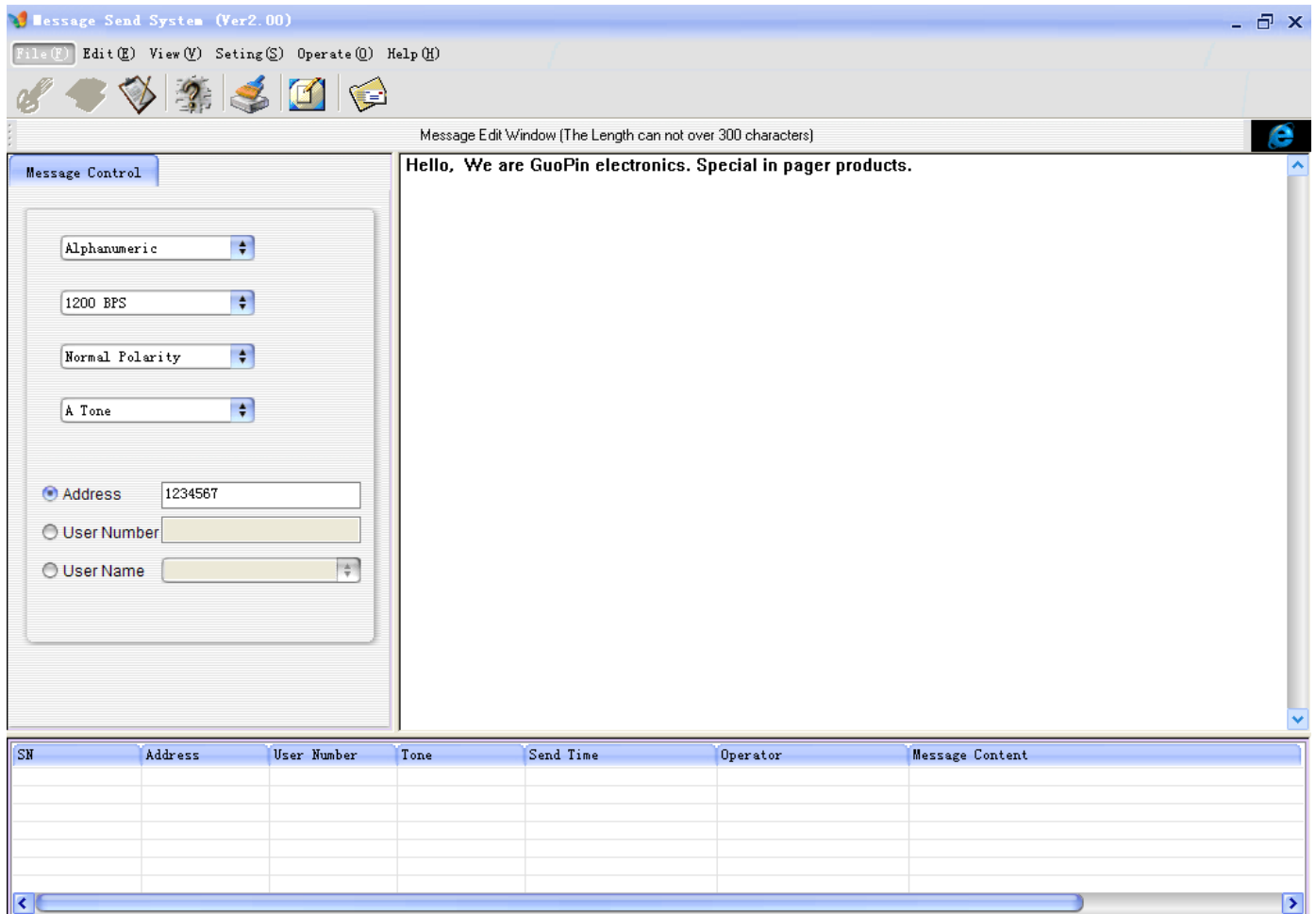
Transmit:< 1.5A

Dimensions (no ANT): 110*62*22 mm

Weight (no ANT): 230g

Operating Temperature: -10o to 50o C

Our paging software:



Software interface protocol:

PC serial port : 9600 BPS

8 bits data

1 stop bit

NO Parity

Receive data format of transmitter:

0x19----->Start of message

1byte ----->'R'

7 bytes ---->capcode(ascii format '0'-->0x30,'1'--->0x31)

1 byte ---->control bit (bit 7----> 1

bit 6----> 1---->Still sending head code after message, 0--->Close this function



bit 5,4--> 00-->A TONE,01-->B TONE,10-->C TONE,11-->D TONE,
bit 3----> 0---->numeric message, 1---->Alpha message

bit 2,1--> POCSAG baud 00->512,01--->1200,10-->2400

bit 0----> Polarity 0--->normal, 1--->reverse

N Bytes ---->Content of message , not more than 300 characters, 8bit ascii.

0X18----->Message end

Attention:

When a message succed, the transmitter will reply **0x19,"RXOK",0X18** to PC

Example: Using capcode 1234567, normal, 1200BPS,A call send "ABCDEFGH"

Send by serial port of PC: 0x19,"R1234567",0X8A,"ABCDEFGH",0X18

HEX DATA: 19 52 31 32 33 34 35 36 37 3F 41 42 43 44 45 46 18

END