HARDWARE SETTING DESCRIPTION

TX125 HARDWARE SETTING DESCRIPTION

1.Jump setting for digital modulation.

J2	J3	J5	J6	Description
O	X	O	X	For external modulation signal and digital input level 0 ~ 5V (TTL level)
X	O	O	X	For external modulation signal and digital input level -12V~ +12V (RS232 level)
X	X	X	O	For internal encode (TAP MODE)

2.External analog modulation.

Analog modulation sensitivity : 8kHz deviation (+/- 4kHz)@ 1Vp-p 1kHz sine wave.

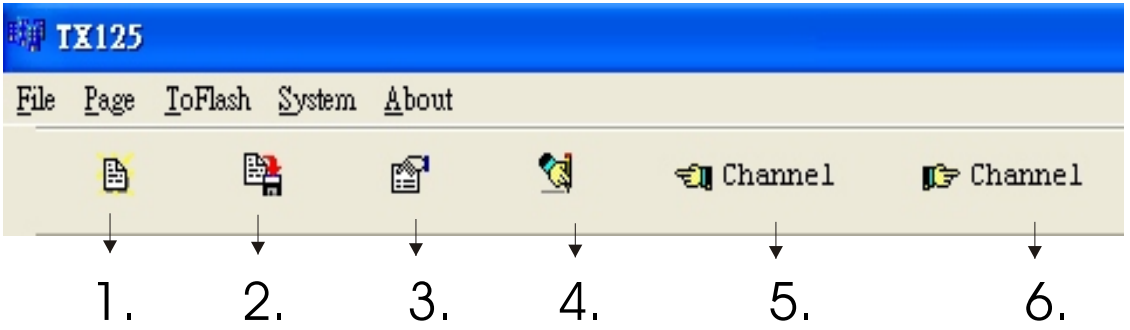
3.Carrier detective active level (S_RSSI setting)

for reference

Receive signal level	S_RSSI value
-70dBm	170
-75dBm	159
-80dBm	148
-85dBm	140
-90dBm	127
-95dBm	119
-100dBm	110
-105dBm	100
-110dBm	90
-115dBm	83
-120dBm	75

Instruction for Software Programming

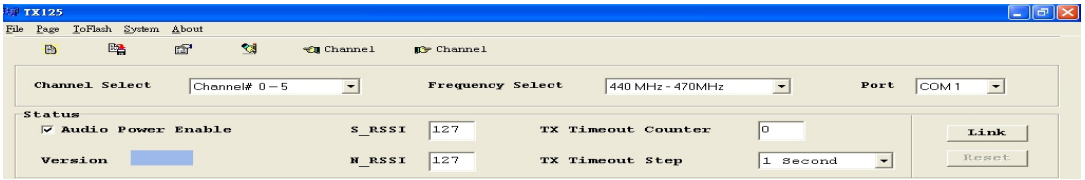
1. Button of the tool bar



Click the Button of

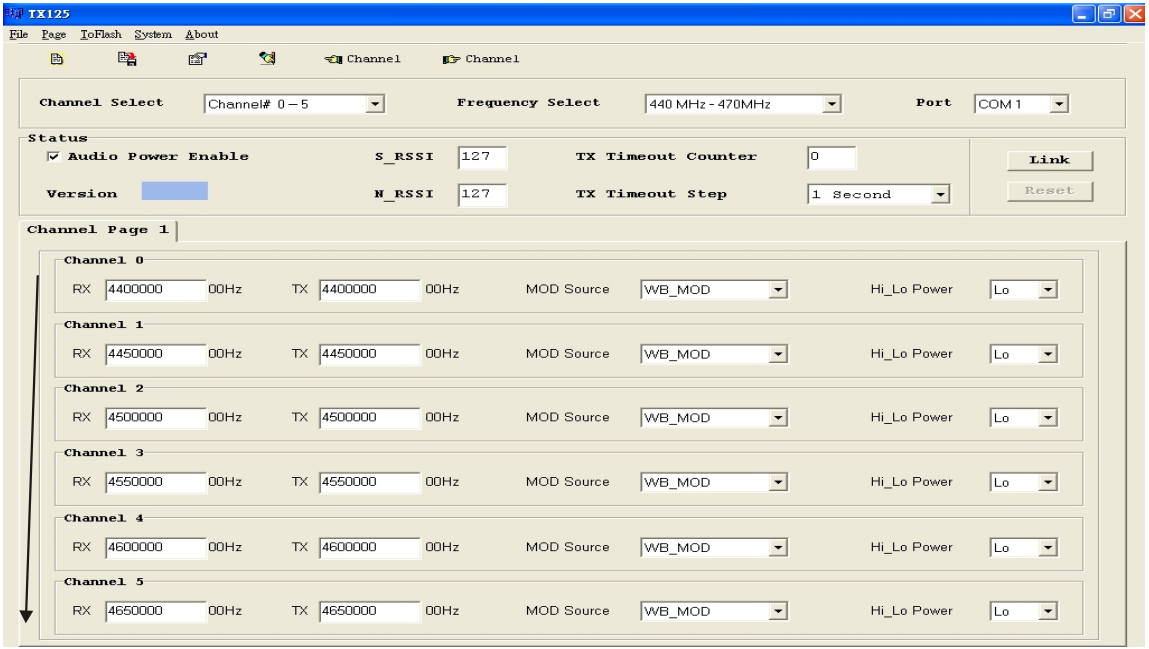
1. Open File
2. Save File
3. Read Data
4. Transfer Data
5. Previous Channel Page
6. Next Channel Page

Instruction for Software Programming



1. Channel Select : total 16 channels (channel 0~15)
2. Frequency Select : options of VHF / UHF
3. Port : RS-232 Port of com 1~5.
4. Audio Power Enable : Need voice Transmission.
5. S_RSSI : detection for transmission wave, when receive the transmission wave signal is stronger then set-up value , Carrier Det. Output high .
6. N_RSSI : when noise signal is stronger then the set-up value , then power off voice transmission.
7. TX Timeout Counter :(0-255) "0" means the feature of Timeout disable.
8. TX Timeout Step : PTT Timeout (TX Timeout Counter) * (TX Timeout Step) sec .when PTT triggers, RF signal remains "ON" during this period, then, it comes "OFF" until PTT works RF signal comes "ON" again.
9. Link : press "Link" to wait for the connection between TX-125 and PC and start programing (TX-125 and PC are connected RS-232 Port to power on TX-125).

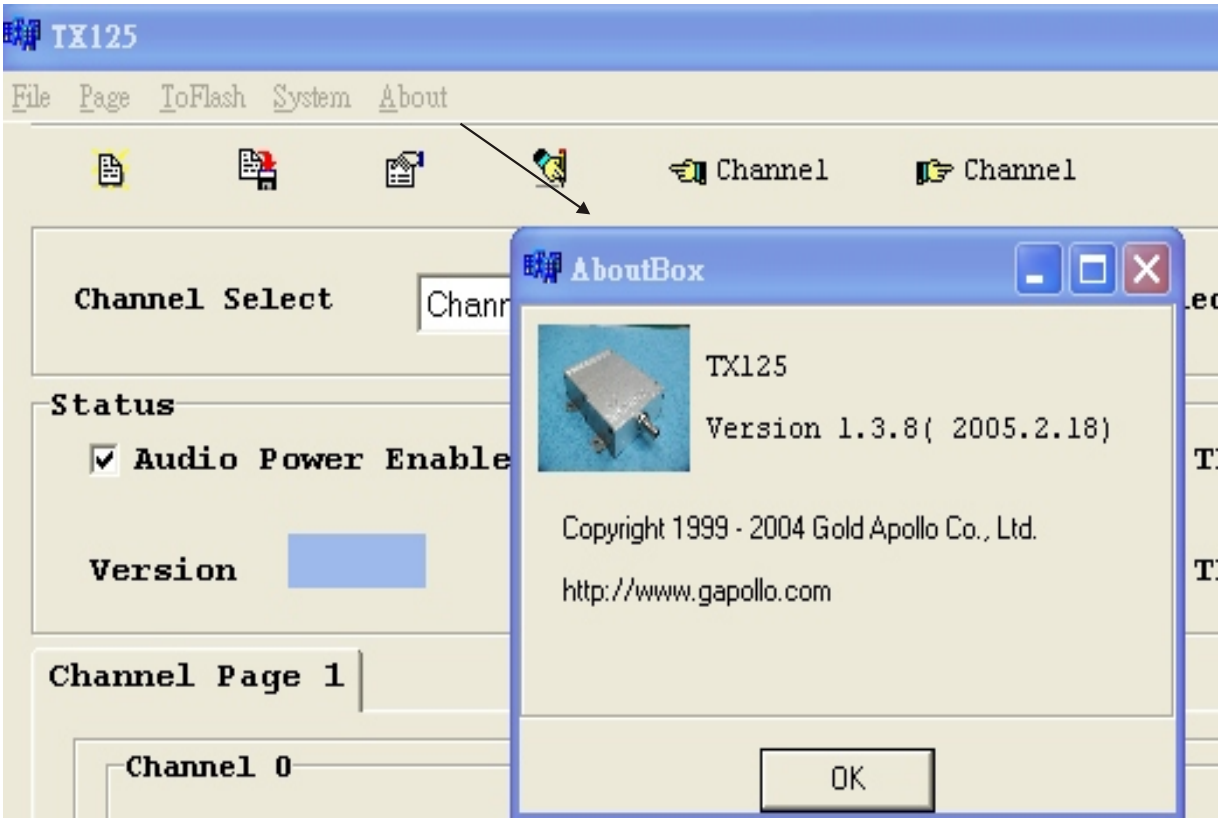
2.Channel devise



Channel page 1:

1. RX : Receiver Frequency.
2. TX : Transmit carrier Frequency .
3. MOD Source : Select 3 Type : WB_MOD\ NB_MOD \ ANALOG.
4. Hi_Lo Power : Select High Power (5W) or Low Power (1W)

3. About Box


TX125
File Page ToFlash System About
Channel
Channel
Channel Select
Status
Audio Power Enable
Version
Channel Page 1
Channel 0
AboutBox
TX125
Version 1.3.8(2005.2.18)
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