LXT600 Alignment Procedure

2014. 07. 09

1. VCO Alignment ; No need to alignment.

2. Transmitter Frequency Alignment

1) Set the unit at channel 1.(462.5625MHz) Press the PTT button so the unit will be in transmit mode.

2)Adjust CT1 trimmer until Fc +/- 200Hz.

3. Transmitter Output Power

1) Set the power supply at 3.6 Vdc. Set the unit at ch 1.(462.5625MHz)

2) Set the unit on low power. Press the PTT button so the unit will be in transmit mode.

3) Adjust RV1 semi-volume until 500mW +/- 100mW

4. Maximum Audio Deviation ; No need to alignment.

1) Go to TX power alignment mode by press and holding the Call button then turn on the radio.

2) LCD become on display such as belows. Press the Up or Down button to align if necessory each step.

	Display	Default value	
① GMRS Maximum Deviation Alignment	td	0b	Test frequency ; 462.5625MHz

5. Receiver Squelch Alignment

1) Go to RX squelch alignment mode by press and holding the Menu button then turn on the radio.

2) LCD become sequential on display such as belows. Press the Menu button to change each step.
and Press the Up or Down button to align if necessory each step.

	Display	Default value	
① WX Squelch Alignment	W	0F	Test frequency ; 162.550MHz
② GMRS Squelch Alignment	gr	0d	Test frequency ; 462.7125MHz

6. Memory clear by press and holding the Up button then turn on the radio.

7. CPU version display by press and holding the Down button then turn on the radio.

8. If JS2 is short to GND, Alignment mode is enable. If JS2 is open to GND, Alignment mode is disable.