

Issue	Y	M	D	Azden Adjustment Standard			Category				
Adjusted date	Y	M	D	33-533-01 (1200BT) Adjustment Level			NO.				
<p>1. Adjustment of VCO</p> <ol style="list-style-type: none"> 1) Set the frequency CH42-01 (638.125MHz) 2) Connect DC voltage meter to TP1 3) Adjust VC101(VCO tremmer) to be 1.2V on DC voltage meter. 4) Next, set the frequency to CH45-47 (661.875MHz) and confirm the voltage is 2.5 v or less on DC voltage meter. <p>2. Transmitting power adjustment</p> <ol style="list-style-type: none"> 1) Remove the antenna. Set the frequency to CH43-47(649.875MHz). SW3 set to CN5. 2) Connect spectrum analyzer to CN5 . 3) Check the spurious to be "40dB or more" lower than the carrying frequency. 4) Connect CN5 to power meter and adjust VR3 to be 15mW -0. <p>3. Adjustment of transmitting frequency</p> <ol style="list-style-type: none"> 1) Set to CH43-47 2) Connect the frequency counter to CN5. 3) Adjust VC1 so that the frequency counter shows 649.875MHz plus-minus 1kHz. <p>4. Adjustment of AF modulation</p> <ol style="list-style-type: none"> 1) Connect the oscillator output to microphone terminal CN1. 2) Set up the oscillator output volume to minus 60dBm with 1kHz frequency. 3) Adjust VR1 for setting the AF board IC1 #1 port to be minus 34dBm. 4) Adjust VR2 on RF board for the modulation depth to be 5.0 kHz plus-minus 0.5kHz. 5) Adjust VR4 for AF level display on the LCD until showing one bar. <p>5. Adjustment of Tone modulation</p> <ol style="list-style-type: none"> 1) Move SW2 to OFF side. 2) Adjust VR5 for modulation depth to become within 3.0kHz plus-minus 0.2kHz. 3) If the AF modulation degree changes through above 5-2) adjustment, again conduct the above clause 4 -4) . 4) After5-3) conducting, return SW2 to antenna side. <p>6. Display check procedure (Input voltage allowance range: plus-minus 0.1v)</p> <ol style="list-style-type: none"> 1) Make sure battery level shows all three bars at 2.4v input. 2) Make sure battery level shows two bars at 2.3v input. 3) Make sure battery level shows one bar at 2.15v input. 4) Make sure battery level blinks one bar at 2.0v input. <p>7. Other confirming points</p> <ol style="list-style-type: none"> 1) Set up receiver for communication check. 2) Connect lavalier microphone on transmitter and send the audio for checking whether it operates normally. 3) Push the cover with finger and check whether the unit does not show any abnormal-sound. 4) Check the unit frequency range from 638.125MHz to 661.875MHz in 125KHz step. 5) Factory default condition: Power: Off and Channel:42-01 											
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