

Issue	Y M D	Azden Adjustment Standard	Category	
Adjusted date	Y M D	33-536-01 (1200XT) Adjustment Level	No.	
<p>1. Adjustment of VCO</p> <ol style="list-style-type: none"> 1) Set frequency CH42-1(638.125MHz) 2) Connect DC voltage meter to TP201 3) Confirm DC meter indicates 1.2V on DC voltage meter <p>2. Transmitting power adjustment</p> <ol style="list-style-type: none"> 1) Set the frequency to CH43-47(649.875MHz) not using antenna(SW202 set to CN203) 2) Connect spectrum analyzer to CN203 3) Confirm the spurious to be “40dB or more” lower than the carrier frequency 4) Connect CN203 to power meter and adjust VR202 to be 20mW _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 CN203 3) Adjust VC201 so that the frequency counter shows 649.875MHz plus-minus 1kHz <p>4. Adjustment of AF modulation(Turn off the phantom power switch,turn on the switch2)</p> <ol style="list-style-type: none"> 1) Connect oscillator output to microphone connect plug(HOT) Attach 600ohm register between COLD and GND 2) Set the oscillator output power -60dBm(Frequency should be set to 1kHz) 3) Adjust VR1 so that TP101 AF level is set to -34dBm 4) Adjust VR201 so that the modulation depth to be 5.0kHz plus-minus 0.5kHz 5) Adjust VR2 so that AF level on LCD display shows one bar. <p>5. Adjustment of Tone modulation</p> <ol style="list-style-type: none"> 1) Turn off SW2 2) Adjust VR3 so that modulation depth to become within 3.0kHz plus-minus 0.5kHz 3) If the AF modulation degree changes through above 5-2) adjustment,again conduct the above clause 4-4) 4) After that,turn SW202 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 correctly 3) Make an impact on the body and check whether the unit does not show any abnormal sound 4) Check the unit frequency range from 638.125 to 661.875MHz in 125kHz step 5) Factory default condition - Power : off, Channel : 42-01 				