

**QUAL-TRON, INC**  
**MINI MULTI-CHANNEL TRANSMITTER**  
**MODEL: MMCT P/N: 13D0210**

<b>DESCRIPTION</b>	<b>PERFORMANCE SPECIFICATION</b>		
<p>The MMCT is an EMIDS Multi-Channel Synthesized Transmitter. When activated by a sensor, it transmits a 29-bit message that includes the sensor ID code and additional information that includes; direction, fault, tamper, test, and low battery data. During normal operation, the transmitter is triggered via an external sensor connector. Up to 999 separate ID codes can be preset on the transmitter. The MMCT is compatible with any Qual-Tron sensor.</p> <p><b>(NOTE: Specify operating frequency when ordering.)</b></p> <p><b>Contact Information:</b>  Qual-Tron, Inc.  9409 East 55<sup>th</sup> Place South    Ph: (918) 622-7052  Tulsa, OK 74145-8157                    Fax: (918) 664-8557  Sales@qual-tron.com                        www.qual-tron.com</p>	<p><b>Transmission Range:</b>  Nominal 2 miles+, (Range varies from a few hundred feet to several miles – depending on deployment conditions. Range can be extended with relays)</p> <p><b>Dimensions:</b> 6.4" L x 3.93" W x 2.1" H</p> <p><b>Weight:</b> 1.0 lb, without batteries</p> <p><b>Channel/Frequency:</b>  Low: 138-153 MHz 25 KHz Step 600 Channels  Mid: 154-162 MHz 5 KHz Step 1600 Channels  High: 162-174 MHz 6.25 KHz Step 1920 Channels</p> <p><b>Operating Temp:</b> -40° C to +65° C</p> <p><b>Storage Temp:</b> -50° C to +70° C</p> <p><b>Inspection Criteria:</b>  <b>Verify:</b> Program, switch position, sensor input, serial port, low battery, &amp; channel selection.</p> <p><b>Board Test:</b> Min 1 Watt output</p> <p><b>Power Supply:</b> 4 each 9 volt DC batteries</p> <p>Transmission Output: Minimum 1 Watt</p> <p><b>Battery Life:</b> 4-8 months in temperate climate (life can be extended with optional equipment)</p> <p><b>Mechanical Features:</b>  Enclosed in weather tight Lexan plastic housing.  Vibration, shock, and water resistant.</p>		
<b>Items Included:</b>			
<b>Model</b>	<b>P/N</b>	<b>Description</b>	<b>Qty</b>
MMCT	3 styles	Multi-Channel Transmitter	1
ANT/WIRE	3 styles	Antenna, Wire (match to freq.)	1



**Commercial Off The Shelf (COTS)**