

# Cranetech inc.



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## Saga1-C2 Series

Saga1-C2: 8 Pushbuttons double step + Start/Alarm Rotary Key + EMS

- Self Diagnostics which detect and report any system failure
- Permanently memorized function setting
- Three selectable frequencies (256 CH by software)
- 4.3 billion individual ID codes
- Anti-Power interruption circuit

General Specification	Transmitter	Receiver
<ul style="list-style-type: none"> <li>➤ Enclosure: IP 44</li> <li>➤ Structure: Glass Fiber</li> <li>➤ Phase Locked Loop (PLL)</li> <li>➤ Both Power Source And Output Relays With Fuses</li> <li>➤ Synchronous Transmission Encoding and Decoding</li> <li>➤ Auto Signal Searching</li> <li>➤ Changing Frequency Manual/Auto</li> <li>➤ No. of Functions &amp; Parameters Setting &gt;57</li> <li>➤ No. of Alarm &gt;28</li> <li>➤ Frequency: 415-483 MHz</li> <li>➤ Operating Temperature: -25°F [-30°C] to 167°F [75°C]</li> <li>➤ Operating Range: 328' [100m]</li> <li>➤ ID Code: 32 bit</li> <li>➤ Hamming Distance &gt;=4</li> <li>➤ Response Time = 65 ms</li> <li>➤ Static &gt; 15 KV</li> <li>➤ Surge &gt; 4 KV</li> <li>➤ Field Length &gt; 10 v/m</li> </ul>	 <ul style="list-style-type: none"> <li>➤ 3-Stage Power Indicator</li> <li>➤ Buzzer/Alarm</li> <li>➤ Removable Key</li> <li>➤ Shock Resistant Design</li> <li>➤ Password Power-On: 4 Digits</li> <li>➤ Output Power &lt;= 10m W</li> <li>➤ Normal Power Consumption: ~40 mA</li> <li>➤ Harmonic &gt;= 65 dB</li> <li>➤ Modulation &lt;= 2.5 KHz</li> <li>➤ Dimensions: 6-1/2" L x 2" W x 1-3/4" D</li> <li>➤ Weight: ~10 ounces (w/ batteries)</li> <li>➤ Power: 4 "AA" size batteries</li> </ul>	 <ul style="list-style-type: none"> <li>➤ Power Source Detector</li> <li>➤ Anti-Power Interrupt Circuit</li> <li>➤ Shock Resistant</li> <li>➤ Enhanced Watch-Dog Circuit</li> <li>➤ 3 Super Heterodyne</li> <li>➤ Frequency Deviation Tracing Circuit</li> <li>➤ Sensitivity &gt;= -110 dBm</li> <li>➤ Adjustment Channel Restrain &gt; 80 dB</li> <li>➤ Relays: 10 A/250 V</li> <li>➤ Dimensions: 6-1/2" L x 6" W x 3-1/5" D</li> <li>➤ Weight: ~3lb (w/o cable)</li> <li>➤ Power: AC 24, 48/220/380 V DC 14-40 V</li> </ul>

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## Saga1 C2 Spare Parts List

	Part Number	Description	List Price
	SAGA1-C2	Complete C2 System: (1) C2 Receiver (2) C2 Transmitters – with covers	\$1450.00
	C2 Trans	Complete Transmitter Unit C2	\$449.00
	PI-0256-000	Upper Casing Assembly: w/ start key, E-stop/start and 8 rubber buttons	\$74.00
	PI-0257-000	Lower Casing Assembly: with Battery cover and strap	\$24.00
	MPI-0269-001	Green rotary start key	\$8.00
	PE-0133-000	Transmitter RF Module	\$149.00
	PE-0167-000	Transmitter Encoder Module	\$264.00
	MAO-2437	Pushbutton Legend Sheet	\$8.00
	C2 Rec	Complete Receiver Unit C2	\$1340.00
	PE-0151-000	Receiver Decoder Module	\$485.00
	PE-0163-000	Receiver Relay Module w/ transformer	\$388.00
	PI-0243-000	Receiver Antenna	\$8.00
	SSB-2534	Transformer 48/110/220	\$47.00
		C2/D2 Copier Module	\$86.00
		Black Covers: Canvas cover with clear front	\$10.00
		Lanyard Strap	\$7.00
		Clear Cover *Factory Stock	
		Empty Housing	\$98.00