





## Saga1-D2 Series

Saga1-D2: 12 Pushbuttons double step + A/B Toggle Switches + 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 55</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>➤ 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: 11" L x 3" W x 1-5/8" D</li> <li>➤ Weight: ~1.25lb (w/ batteries)</li> <li>➤ Power: 6 "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 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: 10" L x 10-1/2" W x 6" D</li> <li>➤ Weight: ~6.5lb (w/o cable)</li> <li>➤ Power: AC 24, 48/220/380 V DC 14-40 V</li> </ul>

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## Saga1 D2 Spare Parts List

	Part Number	Description	List Price
	SAGA1-D2	Complete D2 System: (1) D2 Receiver (2) D2 Transmitters	\$1760.00
	D2 Trans	Complete Transmitter Unit D2	\$600.00
	PE-0133-000	Transmitter RF Module – Antenna Module	\$149.00
	PE-0129-000	Transmitter Encoder Module	\$278.00
	PI-0237-000-2	Batter Cover w/ security key (red)	\$29.00
	PI-0062-000	Battery Holder (black)	\$8.00
	PI-0059-000	Security Key (red)	\$8.00
	MPO-2284	Push Button rubber protection cover	\$24.00
	MAO-0258	Push Button Legend Sheet	\$8.00
	PI-0242-001	Emergency stop/start button	\$29.00
	MSO-2011	A/B Toggle Switch	\$13.00
	D2 Rec	Complete Receiver Unit D2	\$1248.00
	PE-0126	Receiver RX Decoder module	\$486.00
	PE-0124-000	Receiver relay module: <u>no</u> transformer	\$647.00
	PI-0243-000	Receiver Antenna	\$8.00
	SSB-2534	Transformer 48/110/220	\$47.00
		Housing	\$143.00
		Black Covers: Canvas cover with clear front	
		C2/D2 Copier Module	\$86.00

**MAINTENANCE, MODIFICATIONS, REPAIRS, RECOMMENDATIONS ON ALL NEW & USED OVERHEAD CRANE & HOIST SYSTEMS**