

# Cranetech inc.

P.O. Box 100 · 8460 Oak Hill Road · Arkport, NY 14807  
P: (607) 295-7367 or (607) 295-7255 · F: (607) 295-7202  
[www.cranetechinc.com](http://www.cranetechinc.com) · [contactus@cranetechinc.com](mailto:contactus@cranetechinc.com)



## Saga1-C2/D2 General Overview

The Saga Series of industrial remote controls can be fitted to a large range of Material handling Equipment such as overhead traveling cranes, jib cranes, monorail trolley hoists, tower cranes and full gantry cranes. In addition, these radios are also well suited for concrete pump truck, truck tailgate, tow truck, conveyor and industrial door opening applications. The Saga product is designed to be durable, economical and low in maintenance.

Both the transmitter and receiver units are programmable with all of the functions able to be configured and modified by using a simple software program.

A copier device makes duplication of a transmitter or receiver within minutes whenever a replacement unit or repaired unit is required.

Customizable label stickers for the push button symbols are supplied with all new systems.

Over a billion ID codes provide maximum security and safety in operation

Self-diagnosis and multi-warning indicators provides for fast and easy maintenance

Standard “AA” batteries are used for both Saga1-C2 and Saga1-D2 transmitters. Inexpensive, easy to purchase and long life due to extremely low power consumption

All receivers are supplied with a pre-wired, numbered cable for quick and easy installation

F.C.C. certified to equipment class Part 15

The Saga1-C2 transmitter has eight (8) two-step push buttons, a rotary key switch and an emergency stop/start button. The transmitter is powered using four (4) “AA” batteries and weighs less than 10 ounces with batteries installed. The physical dimensions of the transmitter are 6-1/2” L x 2” W x 1-3/4” D.

The Saga1-C2 receiver unit is 6-1/2” L x 6” W x 3-1/5” D. It weighs approximately three (3) pounds.

The Saga1-D2 transmitter has twelve (12) two-step buttons, two (2) toggle switches, a security key and an emergency stop/start button. The transmitter is powered using six (6) “AA” batteries and weighs less than 1-1/4 pounds with batteries installed. The physical dimensions of the transmitter are 11” L x 3” W x 1-5/8” D.

The Saga1-D2 receiver unit is 10” L x 10-1/2” W x 6” D. It weighs approximately 6-1/2 pounds.

Both the Saga1-C2 and D2 systems operate within a frequency range of 415 through 483 MHz. Each frequency is factory set, but frequencies can be altered by using the software provided to qualified service outlets.

The frequency control is Phase Lock Loop (PLL) and the hamming distance is greater than 4. The transmitter range is up to 330 feet and systems can operate in temperatures as low as -30° C [-25° F] and as high as 75° C [167° F].

Maintenance, Modifications, Repairs, Recommendations On All New & Used Overhead Crane & Hoist Systems