



**HYDRO-CHEM SYSTEMS, INC.**  
 5550 Clay Avenue, S.W.,  
 Grand Rapids, MI 49548  
 616-531-6420 phone  
 616-531-8692 fax  
 www.hydrochemsystems.com

# PRODUCT INFORMATION BULLETIN

## PRO-CONTROL 2.4 GHz RF Transmitter MODEL 36-1300-HCS

**DESCRIPTION**  
 The HYDRO-CHEM SYSTEMS SR PLUS TX is a handheld R.F. transmitter capable of sending up to four unique digital commands to the Hydro-Chem Systems SR Plus Receiver. This model is equipped with a vibrating feedback that confirms to the user that the transmitted signal has reached the receiver. Four user-selectable frequencies allow multiple transmitters and receivers to operate simultaneously in the same area without interference. This transmitter will automatically go into "sleep" mode when no buttons are being depressed on the unit to dramatically extend battery life.

**SPECIFICATIONS:**

Keypad	Durable Sealed Membrane Keypad – Eliminates Dust, Dirt and Moisture Failures
Enclosure	ABS Plastic with IP66 Seal Kit Installed
Power Requirements	3.0 VDC
Battery Type	(2) <b>1.5V lithium</b> each, size AAA , to equal 3.0VDC nominal..
<b>*Note: Current frequency settings are maintained in flash memory during battery replacement. No reprogramming of frequency settings is necessary!</b>	



Dimensions 2.30" x 4.15"

Battery Life (Active Usage)	Up to 3 months
Battery Life (Sleep Mode)	Up to 1 Year
Transmit Frequency	2.4GHz Spread Spectrum
RF Output Power	60 mW
Transmit Coding	Four Independent Frequencies
Transmit Range	Approximately 1200 Feet
Operating Temperature	-40° F to +185° F

## PRO-CONTROL<sup>®</sup> SR PLUS 2.4 GHz RF Transmitter MODEL 38-1400-HCS

**DESCRIPTION**  
 The PRO-CONTROL SR PLUS, Model 38-1400 is an RF transmitter capable of sending up to four digital button commands to the Pro-Control SR Receiver, model 38-2000. The TX and TX, combine to create a medium range radio frequency system that operates hazardous or hard-to-reach electrical apparatus from safe, convenient locations of up to 1200 feet away. This unit is user-programmable for up to 128 digital addresses and eight selectable frequencies to allow multiple transmitters and receivers to operate simultaneously in the same area without interference. Battery powered.



Dimensions (with mounting plate) 6.3" L x 4.8" W x 2.3" H

## PRO-CONTROL 2.4 GHz RF Receiver MODEL 38-2000-HCS

**DESCRIPTION**  
 The PRO-CONTROL is an RF system designed for medium range wireless remote control of electrical apparatus in a variety of industrial applications. This 4-relay receiver was designed specifically to communicate with the 38-1300-HCS transmitter and features a confirmation signal that is sent back to the transmitter. This receiver has four individual operating programs that are user-selectable. The model 38-2000-HCS utilizes spread-spectrum technology and provides the utmost security and reliability even in the noisiest RF environments



Dimensions (with mounting plate) 6.3"L x 4.8" W x 2.2" H

**LIMITED WARRANTY STATEMENT** Hydro-Chem Systems Inc. warrants the PRO-CONTROL Remote Control System, if properly used and installed, will be free from defects in material and workmanship for a period of 1 year after date of purchase. Said warranty to include the repair or replacement of defective equipment. This warranty does not cover damage due to external causes, including accident, problems with electrical power, usage not in accordance with product instructions, misuse, neglect, alteration, repair, improper installation, or improper testing. This limited warranty, and any implied warranties that may exist under state law, apply only to the original purchaser of the equipment, and last only for as long as such purchaser continues to own the equipment. This warranty replaces all other warranties, express or implied including, but not limited to, the implied warranties or merchantability and fitness for a particular purpose. Hydro-Chem Systems makes no express warranties beyond those stated here. HYDRO-CHEM SYSTEMS disclaims without limitation, implied warranties of merchantability and fitness for a particular purpose. Some jurisdictions do not allow the exclusion of implied warranties so this limitation may not apply to you. To obtain warranty service, contact Hydro-Chem Systems for a return material authorization. When returning equipment to Hydro-Chem Systems, the customer assumes the risk of damage or loss during shipping and is responsible for the shipping costs incurred.