

DESCRIPTION:**Functional Description**

The CNRFT series of portable RF wireless controls is designed to operate with the CRESNET II system with the use of a wireless receiver such as the CNRFGW network unit. The CNIRT series of infra-red controls operates with the CNIRGW network unit.

CNRFT and CNIRT transmitter may also communicate with older systems having a CNRFT-1W, CNRF-2W, or CNIRR-1W wireless receiver connected to a CNWCI-4 Wireless Module.

Physical Description

Panels are pre-mounted in consolettes of high-impact molded plastic with black lacquer or oak wood trim. Custom engraving, choice of colored button caps, panel finishes and button configurations, and the omission of unused buttons are all standard.

Configuration Differences

The CNRFT/CNIRT 32 and 48 button models can also emulate the earlier CTW series of portable transmitters. The CNRFT-32 and CNIRT-32 transmitters can emulate the CTW-32 transmitters, while the CNRFT-48 and CNIRT-48 transmitter can emulate the CTW-48 transmitters. A CNRFT or CNIRT series transmitter will emulate a CTW series transmitter using the same ID CODE settings when the ID CODE is set to 00 through 0F. When a CTW series transmitter is being emulated, that model must be specified (not a CNRFT) in the SIMPL-C TRANSMITTER statement. If you are programming in SIMPL-I, you must inform SIMPL-I you are using a CTW series transmitter.

LEADING SPECIFICATIONS:

CRESNET II Workshop Version 4.00 or later.

CRESNET II Operating System SR30160.OPS or later.

INSTALLATION/SETUP:**Identity Code**

Each unique transmitter communicating with the receiver requires the setting of an identity code (ID CODE). ID CODES are two-digit hexadecimal numbers from 00 to 7F. To set the ID CODE, use the two rotary switches accessible through the battery compartment. Each rotary switch is numbered 0 through F. Use a small screwdriver to point the arrow in the center of the switch to the desired number or letter. The left rotary switch represents the most significant digit.

Tuning

Follow these instructions should it become necessary to retune the CNRFT transmitter so the CNRFGW may receive its signals:

1. Check that the NET PWR LED is illuminated on the CNRFGW.
2. Press and hold a button on the CNRFT. Hold the CNRFT about 10 feet from the CNRFGW. Use a non-metallic tuning tool to slowly turn the transmit tuning capacitor on the CNRFT for maximum brightness on the CNRFGW SIGNAL LED.

PROGRAMMING:

The panels on the following pages show the location of the SIMPL-C button numbers and their corresponding button positions for the CNIRT and CNRFT transmitters operating normally or as CTW transmitters. Buttons which are not used need not be assigned signal names.

SYNTAX:

The following syntax codes are provided for compatibility purposes only.

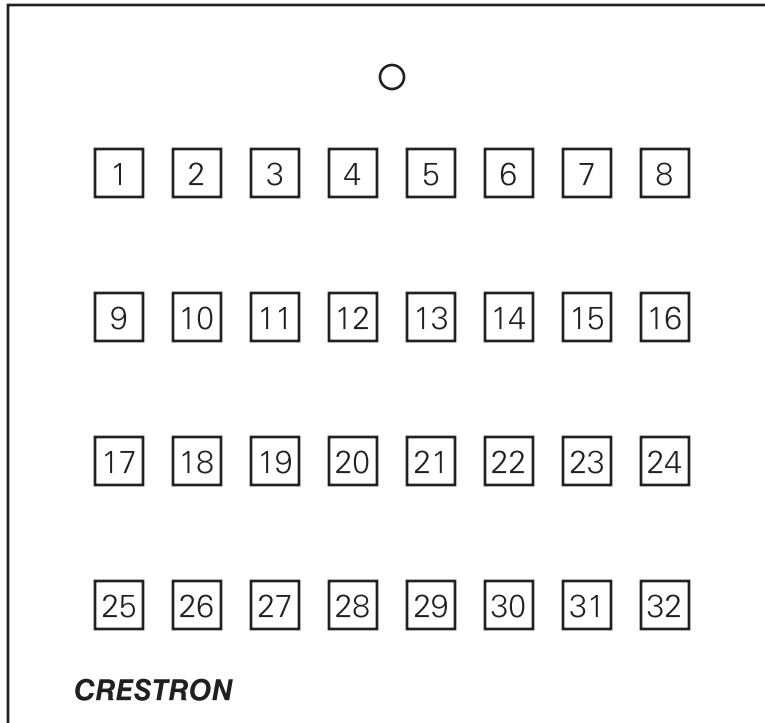
NET.ID <10 to FE>: CNRFGW	\CNRFT talking to a CNRFGW
TRANSMITTER <03 to 7F>: CNRFT	\ID # and transmitter type.
i1 = <signal name>	\Independent button.
i2 = <signal name>	
i3 = <signal name>	
" = " "	
SLOT <1 to 10>: CNWCI-4	\CNRFT talking to CNWCI-4
	\via CNRF-1W or CNRF-2W
TRANSMITTER <03 to 7F>: CNRFT	\I.D. # and transmitter type.
i1 = <signal name>	\Independent button.
i2 = <signal name>	
i3 = <signal name>	
" = " "	

FURTHER INQUIRIES:

If after reviewing this Operations Guide you still have additional questions, please contact a CRESTRON technical support representative by dialing (800) 237-2041 or (201) 894-0660.

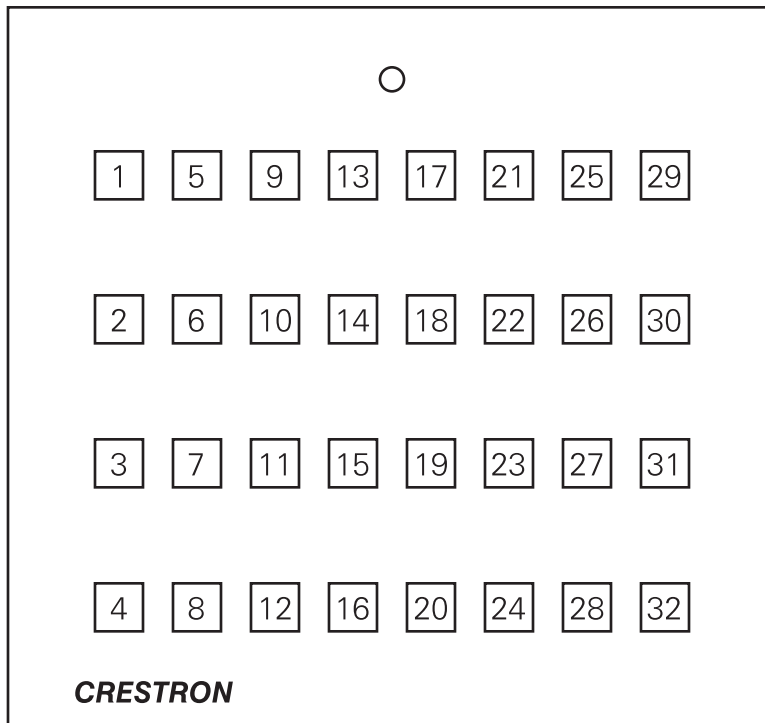
CNRFT-32 or CNIRT-32 ALLOWABLE ID CODES: 10 - 7F

NORMAL MODE



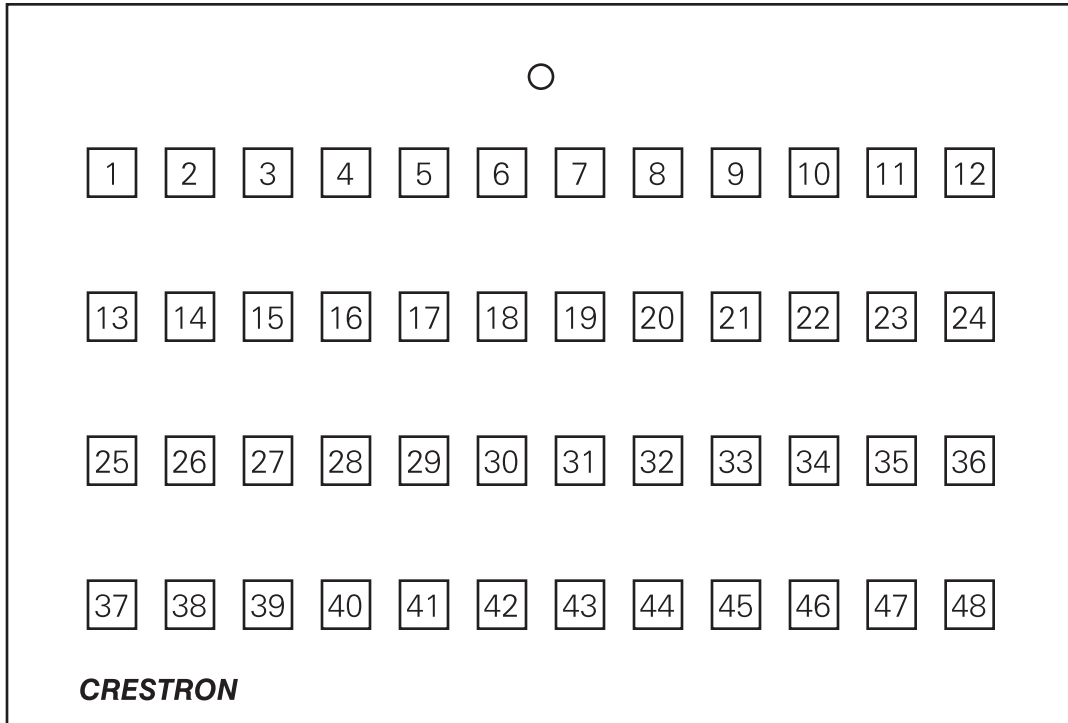
CNRFT-32 or CNIRT-32 ALLOWABLE ID CODES: 00 - 0F

EMULATING A CTW - 32



CNRFT-48 or CNIRT-48 ALLOWABLE ID CODES: 10 - 7F

NORMAL MODE



CNRFT-48 or CNIRT-48 ALLOWABLE ID CODES: 00 - 0F

EMULATING A CTW - 48

