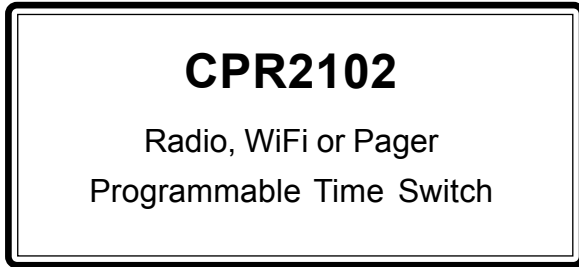


CPR Radio, WiFi or Pager Programmable Time Switch System

Model CPR2102 Time Switch Operation Manual

Front Panel LED Indicators and Manual Control & On-Air Address Setup



Manual Control



Manual Control:

The manual push button is used to change the state of the relay output. The relay will remain in the manual state until the next program step. Push a pencil or other non-metallic device through the Manual Control opening to activate the manual push button.

Operating



Erase all Programming:

This button can also be used to erase all programming in the CPR2102R prior to sending program messages. Place all of the Group and Location switches in the down position, the red LED will start to flash. Press and hold the manual push button until the red LED stays on steady. Now reset the DIP switches to the Group and Location numbers. The time switch is now ready to receive program pages.

Address Indicator



Operating (green):

The Operating LED flashes to indicate that power is applied to the CPR2102R.

This LED will flash at a fast rate as a message is being received.

This LED will flash at a slow rate starting at midnight on Saturday. The LED will resume the normal flash rate when a message is received. *(this will tell the technician if the CPR2102R is receiving programming)*

Week Plan



Address Indicator (red):

The Address Indicator will flash steady when the Group and/or Location address switches are set incorrectly. *(see How to set the Group Address switch)*

The CPR2102R will flash a code to indicate the Group and Location number programmed.

Relay On/Off



Week Plan (green):

The Week Plan LED will tell you what week plan the CPR2102R is running.

Default Plan (empty) = LED off
Default Plan (with program) = LED 3 second flash
Week Plan = LED 1 second flash
Override Plan = LED on steady

Relay On/Off (yellow):

The Relay On/Off LED indicates when the relay is energized or de-energized

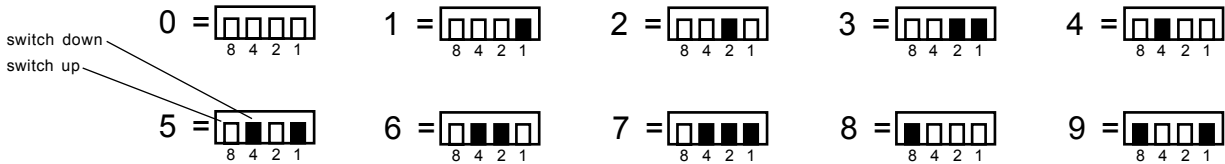
RTC
RTC Manufacturing, Inc.
(817) 860-1217

CPR Radio, WiFi or Pager Programmable Time Switch System

Model CPR2102 Time Switch Operation Manual

How to set the Group Address using the DIP Switch

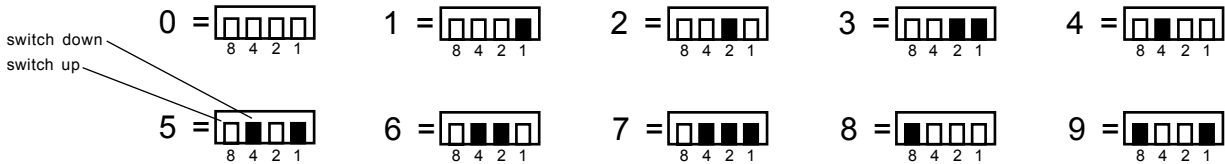
The CPR2102R Time Switch has an 8-position DIP switch for setting the Group Address. The Group Address DIP switch is clearly labeled on the printed circuit board. The Group Address is programmable from 01 to 99. The DIP switch has 4 positions for the units (1X) and 4 positions for the tens (10X). Each position of the DIP switch is OFF when placed in the up position and ON when placed in the down position. The Group Address is set by adding the numbers adjacent to the switch/es in the down (shaded) position for the units (1X) and the tens (10X) as follows:



Any other combination of switch settings will result in the Address LED indicator flashing. To clear the Address LED, reset the switch to the appropriate setting.

How to set the Location Address using the DIP Switch

The CPR2102R Time Switch has an 8-position DIP switch for setting the Location Address. The Location Address DIP switch is clearly labeled on the printed circuit board. The Location Address is programmable from 01 to 99. The DIP switch has 4 positions for the units and 4 positions for the tens. Each position of the DIP switch is OFF when placed in the up position and ON when placed in the down position. The Location Address is set by adding the numbers adjacent to the switch/es in the down position for the units (1X) and the tens (10X) as follows:



Any other combination of switch settings will result in the Address Indicator LED flashing. To clear the Address LED, reset the switch to the appropriate setting.

How to read the CPR2102R Time Switch address code

When the CPR2102R Time Switch is operating, the red LED will flash a code to indicate the Group and Location address as follows:

The red LED will pause for 4 seconds,
flash the X10 of the Group number,
pause for 2 seconds,
flash the X1 of the Group number,
pause 2 seconds,
flash the X10 of the Location number,
pause 2 seconds,
flash the X1 of the Location number.

NOTE: The number zero is indicated by a long flash.

This flash code will repeat continuously and will indicate the Group and Location Address set by DIP Switches.

RTC Manufacturing, Inc.

P. O. Box 150189
Arlington, TX 76015
(817) 860-1217
(817) 274-3610 fax
www.rtc-traffic.com