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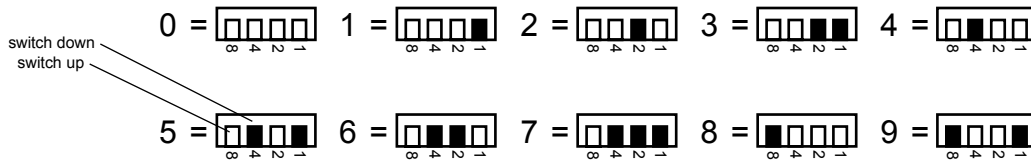
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CPR III, Pager-Radio-WiFi-LAN  
Programmable Time Switch System

Application Note Number 16

## How to set the Group Address using the DIP Switch

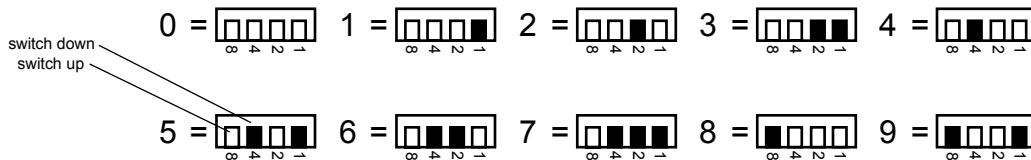
The CPR2102 Time Switch has an 8-position DIP switch for setting the Group Address. The Group Address DIP switch is clearly labeled on the printed circuit board. The Group Address is programmable from 01 to 99. The DIP switch has 4 positions for the units (1X) and 4 positions for the tens (10X). Each 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 steady. To clear the Address LED, reset the switch to the appropriate setting.

## How to set the Location Address using the DIP Switch

The CPR2102 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 steady. To clear the Address LED, reset the switch to the appropriate setting.

## How to read the CPR2102 Time Switch address code

When the CPR2102 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 on the DIP Switch.