

# LC&D Groups Guide

## Groups

Any relays that are going to be on a time schedule must be part of a group. When more than 8 relays are being added to a switch button, those relays must also be part of a group. Groups are useful when you have multiple switches that operate the same loads. You can assign a group to a switch or photocell, instead of having to assign every load individually. To create or edit a group, press ENTER on GROUP LOADS on the USER MENU. Select the group number you wish to edit, and press ENTER. You will a screen similar to this one.

### Group Types

#### *Momentary On*

This is similar to On Mode. When a group is set to Momentary On, that group will turn on whenever it is triggered.

#### *Momentary Off*

This is similar to Off Mode. When a group is set to Momentary Off, that group will turn off whenever it is triggered.

#### *Momentary Mix*

This is similar to Mix Mode. When a group is set to Momentary Mix, the group can trigger some relays ON, and others OFF at the same time.

#### *Maintain*

A group programmed as Maintain will stay on as long as it's ON command is held. On a switch, the button has to be held down for the load to stay on. This is also the correct group type to use for loads under photocell and time schedule control.

### *Maintain + Timer*

This group type is made to be used in conjunction with time schedules. When a Maintain+Timer group is scheduled on, the auto off timer will be disabled, and the lights will stay on. Outside the hours of its scheduled times, the group will time out and shut off after being on for a certain amount of time.

If you press ENTER while you have this group mode selected, you can adjust the value of the timer by entering into the SET TIMER sub-menu (default is 2 hours).

### *Maintain + Blink*

This group type is the same as a Maintain+Timer group, except the lights will flash before timing out to warn the occupant. If you press ENTER while you have this group mode selected, you can adjust the number of minutes, prior to shutting off, the lights will blink. This setting is also adjusted under the SET TIMER sub-menu. A 2<sup>nd</sup> blink warning can be programmed here as well.

## **Overriding Groups**

To override a group, select GROUP LOADS from the USER MENU and press ENTER. TAB DOWN and select the group you want to override. SCROLL UP to override the group ON. SCROLL DOWN to override the group OFF.

## **Deleting Groups**

To delete a group, select GROUP LOADS from the USER MENU and press ENTER. TAB DOWN and select the group you want to delete and press the DELETE key. Press ENTER on 'Yes' to confirm.

## **Group Toggle**

You cannot toggle a groups do not have a toggle mode. If you want to appear to toggle a group, you have to use 2 groups 1 group set to ON 1 group set to OFF with the same relays in

them, a spare status relay, and the button 7 & 8 special functions.

## **Global Groups**

Groups 17-32 are preprogrammed to be global for all multi-bus systems. This means they will activate universally across all system buses whenever activated on any single bus. To take advantage of this feature, the global group must be set up identically on all system buses.