



Digital Lighting Systems

PROTOTIMER 2010 **COMPUTER TIMER Manual** **Protocol** Lighting control system

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1- General information about PROTOTIMER Computer software

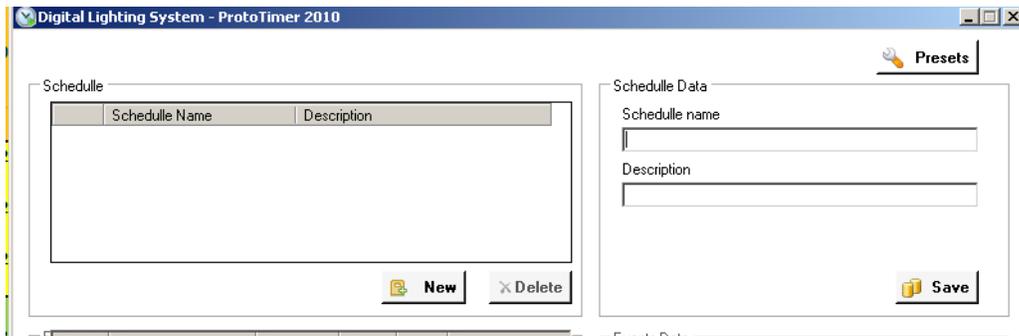
The PROTOTIMER software is designed to be used with any PROTOCOL lighting control system. It installs on Windows XP with latest service pack , Vista, windows 7. The RAU-96 interface is required to interface the computer to the PROTOCOL bus.

The PROTOTIMER software is a 7 days computer based timer that allows the setting of different timed Lighting scenes that recall preprogrammed GLOBAL PRESETS in the PROTOCOL Lighting control system.

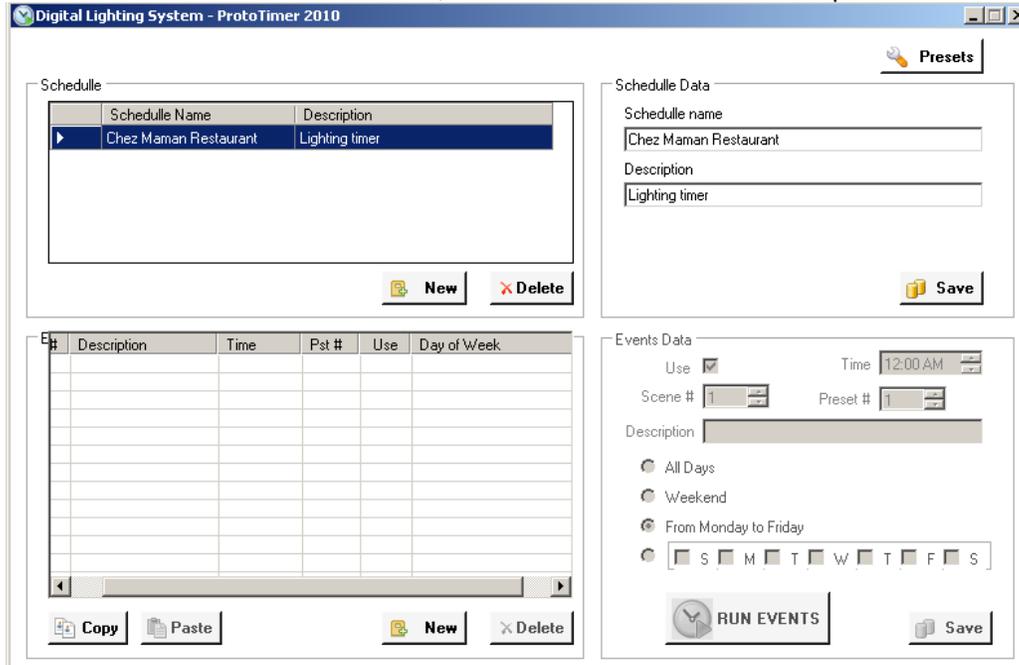
2- SETTING THE SCENES :



Click on the PROTOTIMER ICON on your desktop:



Click on **New** to start a new schedule; Enter schedule name and description and **Save**





Click on **New** to program the 1st event;

The screenshot shows the software interface with an empty table and the Events Data panel. The table has columns: E#, Description, Time, Pst #, Use, Day of Week. The Events Data panel includes: Use (checked), Time (12:00 AM), Scene # (1), Preset # (1), Description (empty), radio buttons for All Days, Weekend, From Monday to Friday (selected), and a day selection row (S M T W T F S). Buttons for RUN EVENTS and Save are visible.

Enter Time and day selections and description plus the scene number and the PRESET number in the Events Data panel. The scene number could start from 1. The PRESET number is the lighting setup that is already programmed in the PROTOCOL system's dimmers. Click **Save** when done

The screenshot shows the software interface with the first event programmed. The table has one row: E# 1, Description: Opening preparations, Time: 5:15 AM, Pst #: 1, Use: YES, Day of Week: Monday to Friday. The Events Data panel shows: Use (checked), Time (5:15 AM), Scene # (1), Preset # (1), Description (Opening preparations), radio buttons for All Days, Weekend, From Monday to Friday (selected), and a day selection row (S M T W T F S). Buttons for RUN EVENTS and Save are visible.

Repeat for every scene : example Breakfast, Lunch, Happy hour, Dinner, closing....

The screenshot shows the software interface with a full schedule and the Events Data panel for a new scene. The main window title is "Digital Lighting System - ProtoTimer 2010". There are two panels: "Schedule" and "Events Data".

Schedule Panel:

Schedule Name	Description
Chez Maman Restaurant	Lighting timer

Events Data Panel:

Use Time 3:30 AM
 Scene # 8 Preset # 8
 Description: Closing time weekend
 Radio buttons: All Days, Weekend (selected), From Monday to Friday
 Day selection row: S M T W T F S
 Buttons: RUN EVENTS, Save

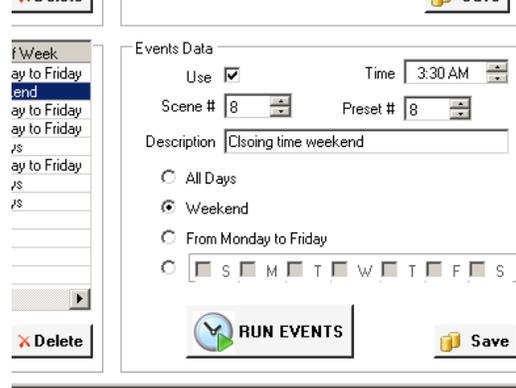
Main Table:

Scn #	Description	Time	Pst #	Use	Day of Week
7	Closing time week...	1:30 AM	7	YES	Monday to Friday
8	Closing time weekend	3:30 AM	8	YES	Weekend
1	Opening preparations	5:15 AM	1	YES	Monday to Friday
2	Breakfast	6:30 AM	2	YES	Monday to Friday
3	Lunch	11:30 AM	3	YES	All days
4	Happy Hour	4:44 PM	4	YES	Monday to Friday
5	Early dinner	6:30 PM	5	YES	All days
6	Late Dinner	9:30 PM	6	YES	All days



3- Running Events operation Mode:

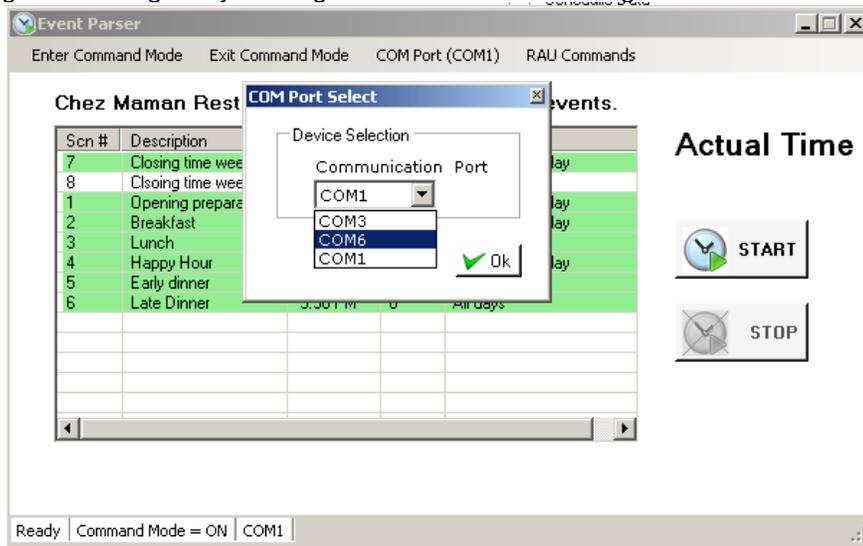
Click on **RUN EVENTS**



Note: The RAU-96 should be connected to the RS232 port of your PC directly or through an USB to RS232 adapter



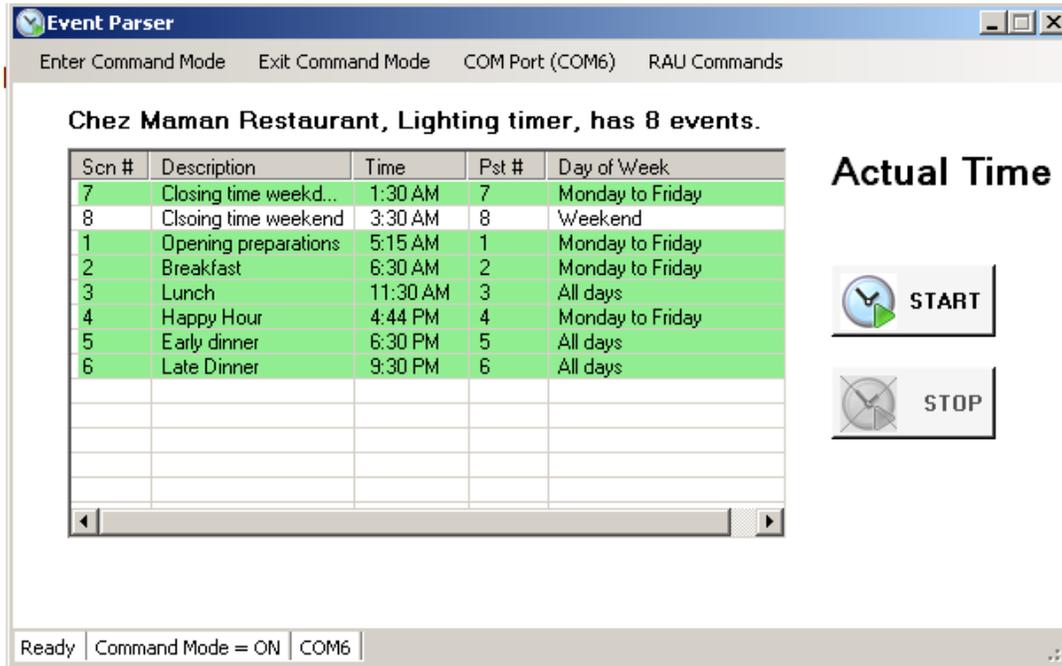
The selection of the COM Port is dependent on which Port the RAU is plugged into. If it is the first, then the screen above shows the correct COM port chosen. If it is the second you would go and change it by clicking on the COM Port heading as shown



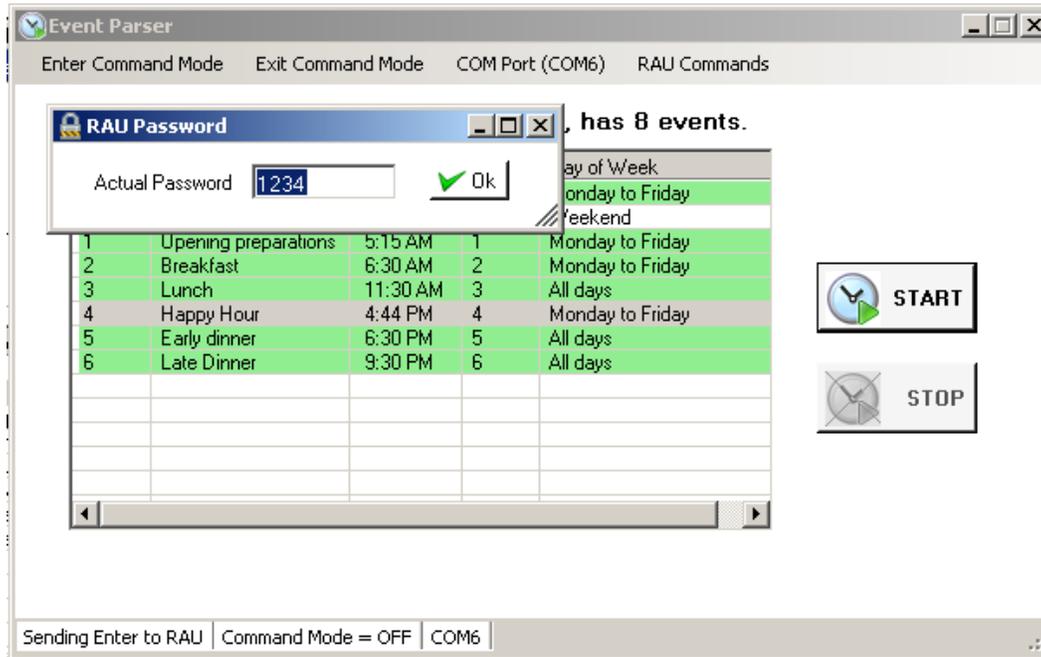
Once the COM Port Select drop window appears. Select the correct COM and click OK.
Note: If the correct COM port is not selected the connection with the RAU-96 and therefore with the system will fail.



In this example COM 6 is the port installed on the USB adapter.



Click on **START**; If the RAU-96 is not in **command Mode** it will prompt you with a default password 1234, click **OK**. If the RAU-96 was previously used with this program it would be ready in Command Mode and it will not ask for the password.





The Timer will start running with a highlight on the active scene ; in this example at 5:37 PM scene # 4 is active. Preset # 4 will be displayed on the actual lights.

Event Parser
Enter Command Mode Exit Command Mode COM Port (COM6) RAU Commands

Chez Maman Restaurant, Lighting timer, has 8 events.

Scn #	Description	Time	Pst #	Day of Week
7	Closing time weekd...	1:30 AM	7	Monday to Friday
8	Cloing time weekend	3:30 AM	8	Weekend
1	Opening preparations	5:15 AM	1	Monday to Friday
2	Breakfast	6:30 AM	2	Monday to Friday
3	Lunch	11:30 AM	3	All days
4	Happy Hour	4:44 PM	4	Monday to Friday
5	Early dinner	6:30 PM	5	All days
6	Late Dinner	9:30 PM	6	All days

5:37:26 PM

START

STOP

Ready | Command Mode = ON | COM6

4- Manual override scene recall :

The Timer could be overridden and the scenes could be recalled manually to display and check the different lighting presets. Just click on **STOP**. **Right click on any scene's description line.** Click on **Send Preset**; the lights will change to the levels in the Preset (this example: PST # 1)

Event Parser
Enter Command Mode Exit Command Mode COM Port (COM6) RAU Commands

Chez Maman Restaurant, Lighting timer, has 8 events.

Scn #	Description	Time	Pst #	Day of Week
7	Closing time weekd...	1:30 AM	7	Monday to Friday
8	Cloing time weekend	3:30 AM	8	Weekend
1	Opening preparations	5:15 AM	1	Monday to Friday
2	Breakfast	6:30 AM	2	Monday to Friday
3	Lunch	11:30 AM	3	All days
4	Happy Hour	4:44 PM	4	Monday to Friday
5	Early dinner	6:30 PM	5	All days
6	Late Dinner	9:30 PM	6	All days

Send Preset

START

STOP

User Manual End