ILC LightMaster (Upload / Download) Limited Software Instructions

Be sure to follow the instructions below. Downloading to the panel(s) without opening a file will clear the programming in your lighting controller. ILC will not be responsible for any lost or corrupted programming.

Overview:
This software is designed for uploading and downloading the programming to and from the ILC LightMaster lighting control panels. The data downloaded can be archived for a system backup or can be emailed for updates or changes. Our Applications Department can examine, at no charge, the programming for problems and make corrections without being on site. The backup or update can then in turn be uploaded into the lighting controllers.

Software Versions:
- ILC LightMaster Limited 602.exe – This software version is for a single lighting controller with Standalone firmware.

- ILC LightMaster SNET Limited 602.exe – This software version is for the entire Standard Network lighting controllers with SNET firmware.

Requirements:
- IBM compatible PC running Windows2000 or XP with a RS232 serial port.
- A straight through DB9F to DB9F cable.

Program Installation:
Disable any antivirus programs prior to installing the program. Run the software executable for the ILC LightMaster system version at your site. Note: you must have administrator's rights on your computer to load the program properly.

Connection:
Connect the RS232 cable between a com port on your computer and the RS232 port on the LightMaster CPU board. Note: On a Standard Network system connect to the Master panel (node1) only.

Software Features:
- Upload programming and system settings from the lighting controller(s) to your PC.
- Download a programming file from your PC to the lighting controller(s).
- Save the uploaded programming to your hard drive or removable media.
- Set the lighting controllers clocks.

Uploading Programming:
This feature will upload the programming and system settings from the lighting controller(s) to your PC. The information uploaded can be saved to the hard drive or other removable media and be sent or emailed for examination or programming changes or updates. The file can also be archived for future restoration if necessary.

1. Connect to the lighting controller(s) with the required cable.
2. Start the ILC LightMaster Limited program by double clicking on the icon created on your desktop of your PC. This will bring you to the main screen of the program.
3. From the title bar on the main screen select **connect**.
4. Select the com port that you are using on your PC to connect to the controller.
5. Press **Connect To LightMaster**. Note: the connection screen will come up showing firmware revisions, time, date, I/O's installed and any add on cards installed.
6. Press the **Upload Setting From LightMaster** button. It will prompt you to **Discard All Host Changes**. Click **Yes** to start the upload as a new file. It will also prompt for the names in the controller to be uploaded. Click **Yes** or **No**. The upload will proceed with an indication of the progress. After all of the programming is pulled from the panel(s) a prompt will indicate **Upload Complete**. Click **OK**.
7. Save the programming to the hard disk or removable media.

Downloading Programming:
This feature will download programming and system settings from the PC to the lighting controller. **Note: A file must be opened prior to downloading. Downloading a blank file will remove all of the programming from the lighting controller and make it inoperable.**

1. Connect to the lighting controller(s) with the required cable.
2. Start the ILC LightMaster Limited program by double clicking on the icon created on your desktop of your PC. This will bring you to the main screen of the program.
3. From the title bar on the main screen select **connect**.
4. Select the communications port that you are using on your PC to connect to the controller.
5. Press **Connect To LightMaster**. Note: the connection screen will come up showing firmware revisions, time, date, I/O's installed and any add on cards installed.
6. Press the **Download Settings to LightMaster** button. The download will proceed with an indication of the progress. After all of the programming is sent to the panel(s) a prompt will come up that states **Download Complete**. Click **OK**.

Save a file to a Disk:
1. Up load your file from the lighting controller(s).
2. From the title bar on the program press **File** and than **Save As**.
3. Enter a file name in the box provided and press **Save**.

Set the Controller Clock(s)

1. Connect to the lighting controller(s) with the required cable.
2. Start the ILC LightMaster Limited program by double clicking on the icon created on the desktop of your PC. This will bring you to the main screen of the program.
3. From the title bar on the main screen select **connect**.
4. Select the communications port that you are using on your PC to connect to the controller.
5. Press **Connect To LightMaster**. Note: the connection screen will come up showing firmware revisions, time, date, I/O's installed and any add on cards installed.
6. Press the **Set LightMaster Clock** button. This will set the clocks to the same time as the PC clock settings.