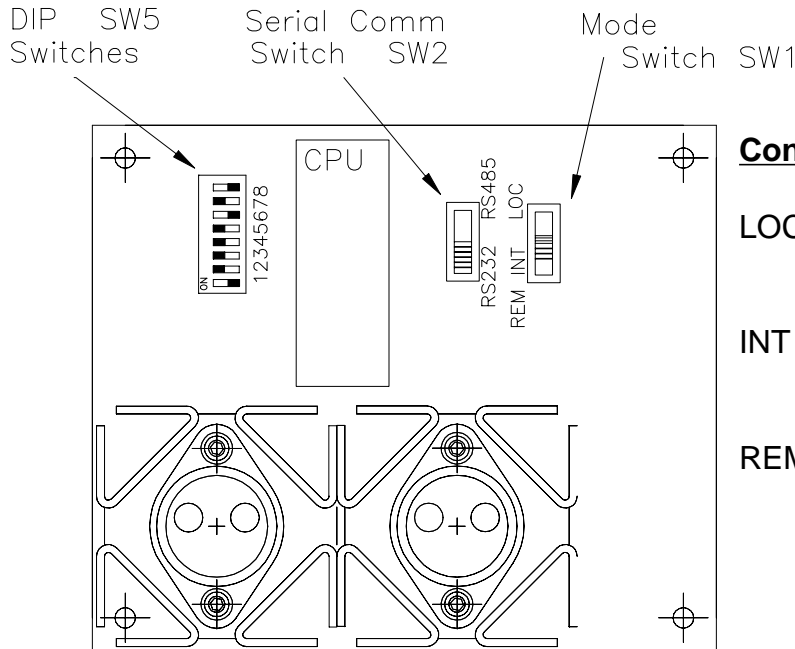


Technical Note: **112**

Problem: 1) I can't communicate with the *Smart-Lite™* Lightsource.
 2) I can't control intensity, but I can control other features.
 3) I can control all features through the interface, but the intensity is only controlled by the front potentiometer.



Control Modes

- LOC = Front Potentiometer
- INT = Serial Interface RS-232/485
- REM = Analog Remote 0-5 VDC

Answer:

One of the most common problems encountered when setting up the *Smart-Lite™* is establishing communication via the RS-232 serial port. The difficulty is usually the proper setting of the control switches on the motherboard. These settings are shown in **Communications Protocol** section of the owners manual

To communicate with a lightsource in RS-232 mode the switch settings should match the drawing above. The settings are as follows:

1. Switch SW1 must be in the **INT (serial interface)** position, which is the **middle** position of the slide switch
2. Switch SW2 must be in the RS232 position (factory default), be sure the switch is not mistakenly put in the middle position
3. The dip switches of SW5 must be in the following positions
 1-off 2-on 3-on 4-on 5-on 6-off 7-on 8-off

Note: For further Communication options and switch settings refer to the owners manual