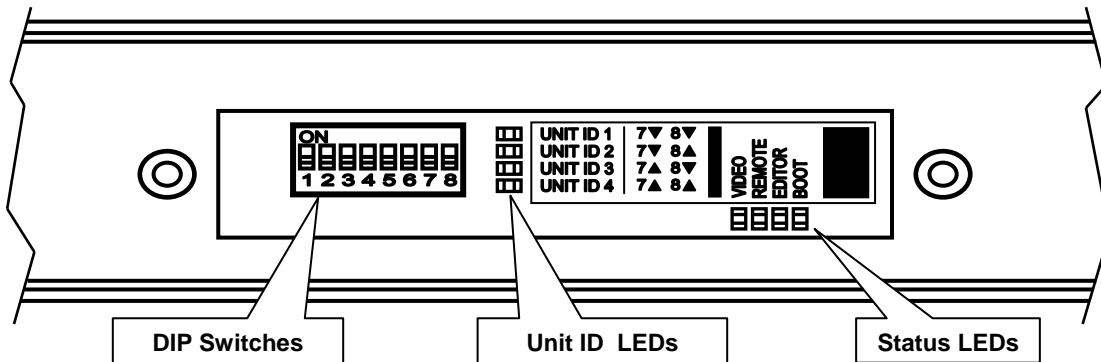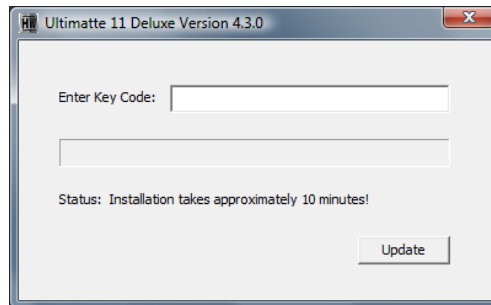## *ultimatte-11* Main Unit Firmware Programming

1. Remove the front cover from the Main Unit. Move dipswitch #4 to the ON position (Boot Mode).

Figure 0.1. Main Unit Front View *(Front Cover Removed)*

2. Disconnect the RS-485 cable between the Main Unit and Smart Remote.
3. Connect the PC serial port (RS-232) to the Main Unit RS-232 port located on the back of the chassis.
4. Cycle the power of the Main Unit.
5. With front cover still removed, view the **Boot** Status LED and wait until it blinks rapidly.
6. From the PC, Open the program "Ultimatte_11D.exe".

7. Enter Key Code to activate program.
8. Click on the "Update" button.
9. The window will display "Erasing Software Flash Memory!" then "Downloading Software to Flash Memory!" and a progress bar will update the programming process.
10. After a short pause, "Erasing Firmware Flash Memory!" and "Downloading Firmware to Flash Memory!" will be displayed. The firmware is now being programmed. This phase will take approximately 15 minutes.
11. If any time-outs or errors occur during programming, check cable connections and repeat programming. There is no need to cycle power before reprogramming.
12. When programming is complete, return dipswitch #4 to the OFF position.
13. Cycle power to the main unit.
14. Reconnect the RS-485 cable between the Main Unit and the Smart Remote. Log on to the Main Unit from the "Smart Remote 2"and tap on the ULTIMATTE-11 logo to verify the new software version.

Note: ULTIMATTE-11 DELUXE is compatible with SMART REMOTE 2 software version 2.0.5.3 or higher.
For additional information, refer to Readme File contained in the Firmware Updater package