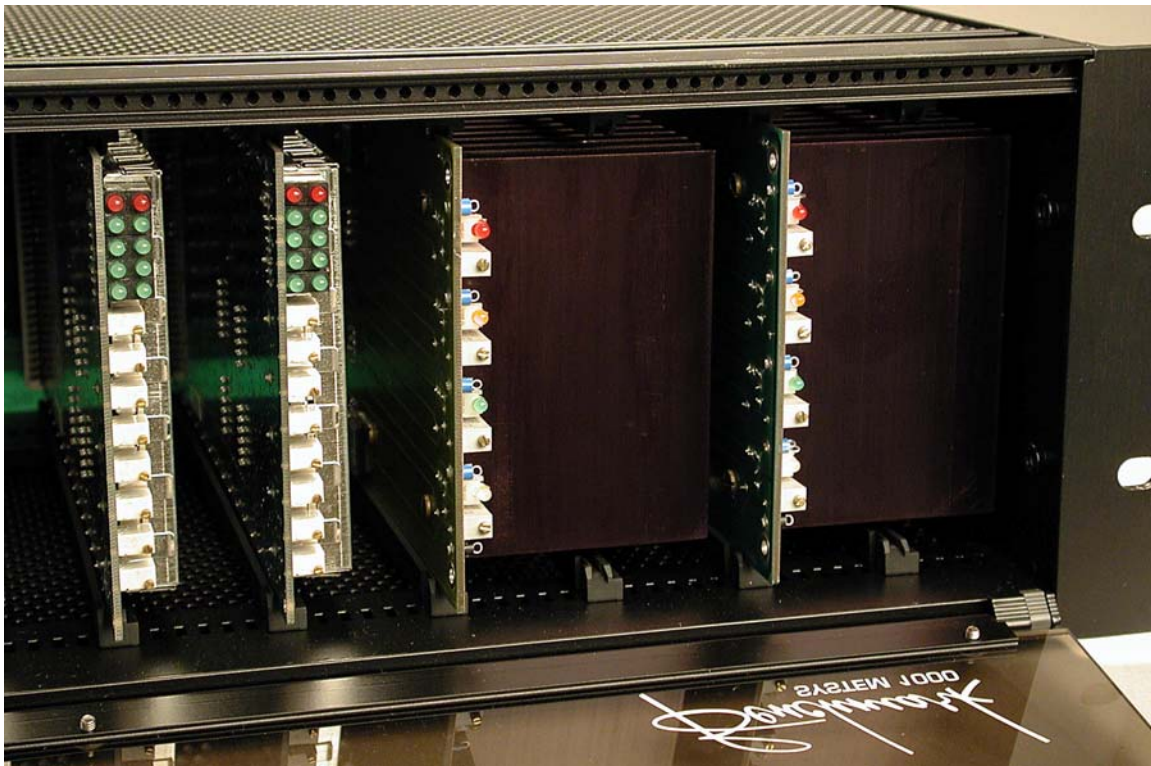# Benchmark Media Systems PS-302 Installation

The installation of the PS-302 consists of plugging two printed circuit modules into the card frame. The first module is the PS-302 regulator that is inserted in the front of the frame. The silkscreen nomenclature on the PCB must be right reading, that is not upside down. We recommend the module or modules be placed at the extreme right of the frame when viewed from the front.

The second module that must be inserted in the frame is the PSI-70. This module is inserted into the rear of the frame. An "UP" white arrow indicates the up orientation of the module, again right reading.

Installation of the two printed circuit boards with relationship to the frame and to each other is critical to proper operation and to the survival of the regulator module.

The printed circuit boards must be plugged into the same motherboard connector for AC power to reach the regulator module. However, if *either* of the boards is plugged in upside down, the regulator –15 volt power supply will suffer *catastrophic failure*.

The following photographs show the correct orientation of the modules:

PS-302 Regulator Modules Plugged into the Front of the Frame

PSI-70's Plugged into Rear of Frame at the Same Connectors as the PS-302's

Also, please note that the fuses are on the motherboard of the frame are not intended to protect the frame from the PS-302 regulators. Fuses for that purpose are physically on the PS-302 regulator module. The fuses on the motherboard are for use with an external power supply, such as the PS-202.