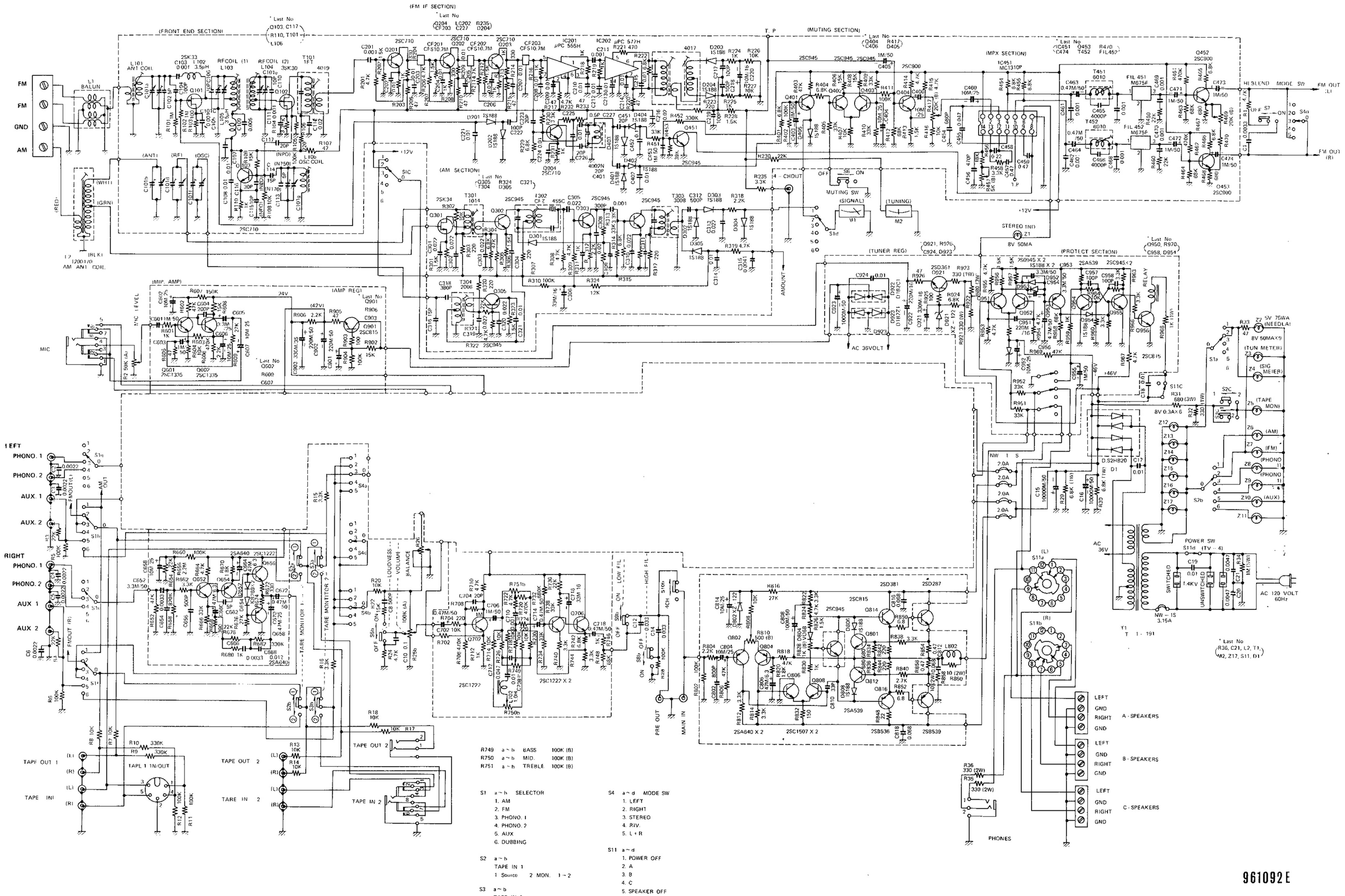SCHEMATIC DIAGRAM STA-9090