

EXTENDING TUBE LIFE

If you have a TV or radio receiver that uses a filament string, you can easily avoid tube failures due to current surges that occur when line power is first applied. The nonlinear resistors (dubbed "lamp misers" that are sold to extend the life of incandescent lamps can be used for this purpose These devices are inexpensive (about \$1 each), have a cold resistance of about 150 ohms, a "hot" resistance of about 2 ohms. and a load capacity of about 300 watts Drop one of the resistors into a wall outletto-bulb socket adapter, and then screw in a bulb socket-to-power outlet adapter. Pluc the assembly into the wall, and the receive into this device. The surge projector stabilizes to about a 2-volt drop in about 20 seconds. It runs hot (about 2 watts dissipation) but this heat is not critical -- Rertram