



# THYRISTOR DIMMERS



## Type PTM Dimmers & Racks

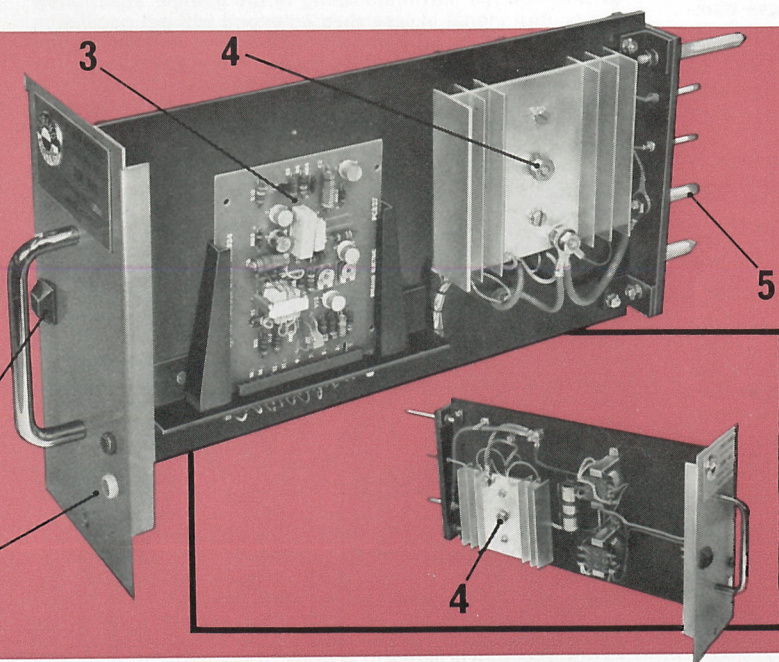
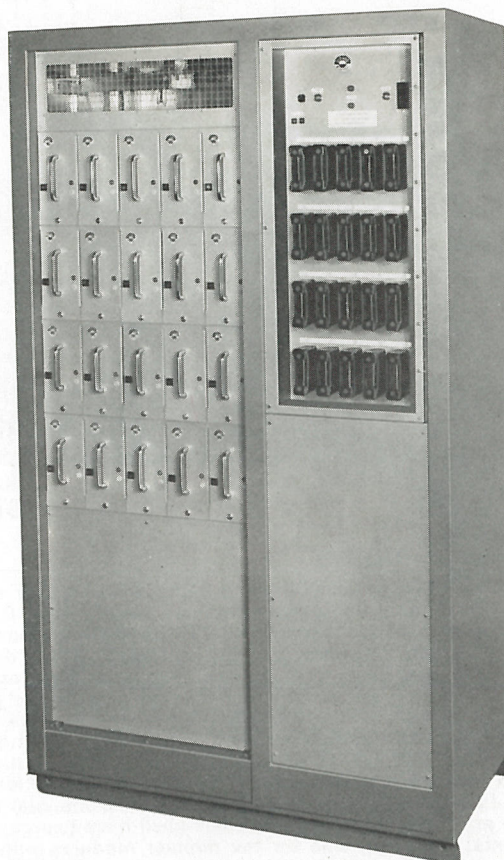
5000W; 2500W maximum.  
200/250v 50Hz.

These plug-in dimmer modules and associated racks meet the requirements of broadcast television studios, opera houses and large repertoire theatres where large dimmer capacities and the highest standards of filtering and accessibility are demanded.

Each rack contains the supply distribution, circuit protection and a total of twenty type PTM 5000W and/or 2500W maximum Thyristor dimmer modules and their associated filter network. Racks do not require rear access and can be sited back to back.

The light weight dimmer module has plug-in power and control connections. The tungsten filament lamp load is wholly regulated by a pair of Thyristors which in turn are controlled by a plug-in printed circuit trigger unit.

The series-connected filter network is mounted separately, below the dimmer modules, and limits the rise time of the output waveform to not less than 1 milli-second at the 90° point in the power cycle.



1. Pilot lamp for fused-supply indication.
2. Test points for rapid monitoring of control signal and AC output voltage.
3. Plug-in printed circuit trigger unit.
4. The pair of Thyristors mounted on generous heat sinks either side of the chassis.
5. Multi-contact pins for all power and control connections; also rigid guide pins at top and bottom.

Similar equipment is available for 110/120V 60Hz supplies.