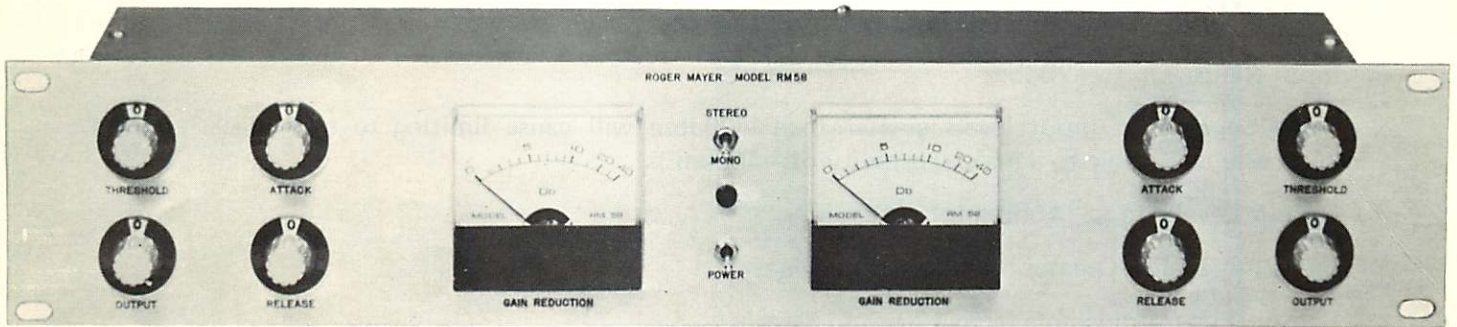


# R M



## RM 58 Stereo Limiter

The RM 58 Stereo Limiter is basically two separate limiters with very carefully matched characteristics mounting in a standard rack panel. The limiting action of one limiter can be coupled to the other by a mono/stereo switch. This mode of operation is useful in TV and Radio "Jingles" as one can make the background music fade down automatically when an announcement is being made. The limiters operate on the limiting action which is the greatest and this feature has been used to provide many unique effects.

The front panel has controls for THRESHOLD (input gain), OUTPUT LEVEL, RELEASE TIME, ATTACK TIME, MONO/STEREO switch, (This switch activates the coupling between the limiters) and a meter which will read the amount of GAIN REDUCTION in Db.

The RM 58 limiter features a very wide range of both attack and release times and can be adjusted to sound like the old faithful photo-cell limiters without the noise and hiss. The wide range of adjustment of these times opens up countless new recording techniques for the innovative engineer or producer. The input sensitivity is easily adjustable and thus the RM 58 can be successfully interfaced with any system.

The solid state electronics comprise of gold plated glass fiber boards which plug into MIL spec gold plated connectors. This systems greatly helps servicing and the use of only top quality components assures reliability and minimum "Down Time".

# Technical Specifications

**Input Range.** Up to +20dbm

**Input Sensitivity.** Input levels greater than -20dbm will cause limiting to take place. (This is internally adjustable to a max. sensitivity of -40dbm.)

**Output Level.** Up to +15dbm into 600 ohms.

**Input Impedance** Greater than 50K at all times.

**Release Time.** Adjustable from 120ms to 6secs.

**Attack Time.** Adjustable from 50us to 10ms.

**Distortion.** T.H.D. .5% at 40 db limiting action.

**Limiting Range.** 40db.

**Signal to Noise Ratio.** 80db.

**Dimensions.** Width 19" Height 3½" Depth 8".

**Shipping Weight.** 7 lbs.

**Finish.** Clear anodised front panel with black engraving.

**Power Requirements.** 120 volts 50/60Hz 20 watts  
240 model to order

**Price.** \$650 F.O.B. NY, N.Y.

Available from: —









