

MR/140 REVERBERATION SYSTEM



INTRODUCTION

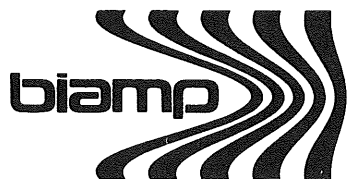
The all new BIAMP MR/140 Reverberation System represents the latest in low-noise, high slew rate technology and features, which create a new dimension of full, clean, and rich sound in a low cost reverberation system. Type-9 Accutronics spring assemblies result in extended frequency response and reverberation quality never before heard in a low cost spring reverberation unit.

Automatic limiting provides protection against annoying "spring slap" (even with percussion instruments). The input level can be optimized for maximum performance by monitoring the drive set light-emitting diode (LED) mounted on the front panel.

BIAMP's exclusive "EQ/Blend" system brings a new dimension of precise equalization to the reverb sound. Four independent, non-interacting controls permit adding the reverberation effect to the dry signal at any of the four frequency ranges provided.

Ruggedly designed for use in recording, portable sound reinforcement systems, permanent installations, monitor systems, audio-visual systems, and broadcast and production applications, the BIAMP MR/140 provides the ultimate sound in spring reverberation.

If you are looking for a rack mount reverberation system that performs better than all others in its class... including units costing twice as much...then you owe it to yourself to take a closer look at the new BIAMP MR/140. See your Local Authorized BIAMP Dealer for more information on the incredible MR/140, along with the rest of the fine BIAMP professional audio line. You'll see why BIAMP is fast becoming the new leader in professional audio technology, reliability, and value.



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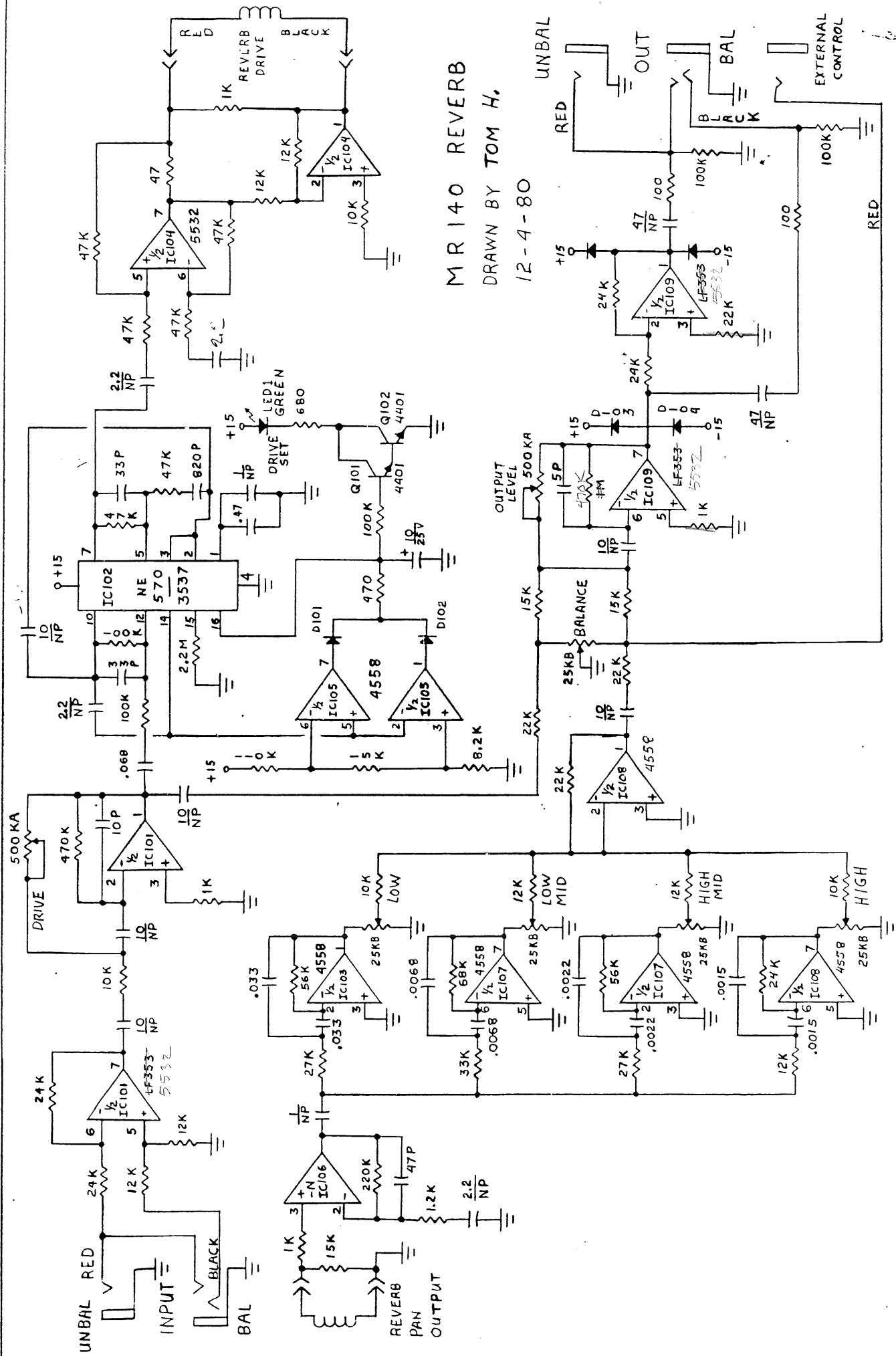
FEATURES

- Automatic Hard Limiter with LED indicator to prevent overloading the reverb drive circuits.
- Special design Accutronics 3-spring assembly.
- Reverb-send attack limiter. Eliminates annoying spring slap.
- Super low-noise reverb pick-up amp section.
- Transformerless balanced or unbalanced outputs that will drive 600 ohm load with flyback protection.
- Extended High Frequency Response.
- Unique EQ blend system for total EQ control.

SPECIFICATIONS

Total Harmonic distortion	below .01% dry signal unity gain
Slew Rate	13 volts per micro second dry signal
Signal to Noise Ratio	- 80 dB
Unity gain	- 80 dB from 0dB (20-100KHz)
Input impedance	10K minimum
Decay time	1.2 seconds
Dimensions	1 3/4" H x 19" W x 9"D
Output Level	+ 18dBV (unbalanced)
Output impedance	200 ohms (balanced)

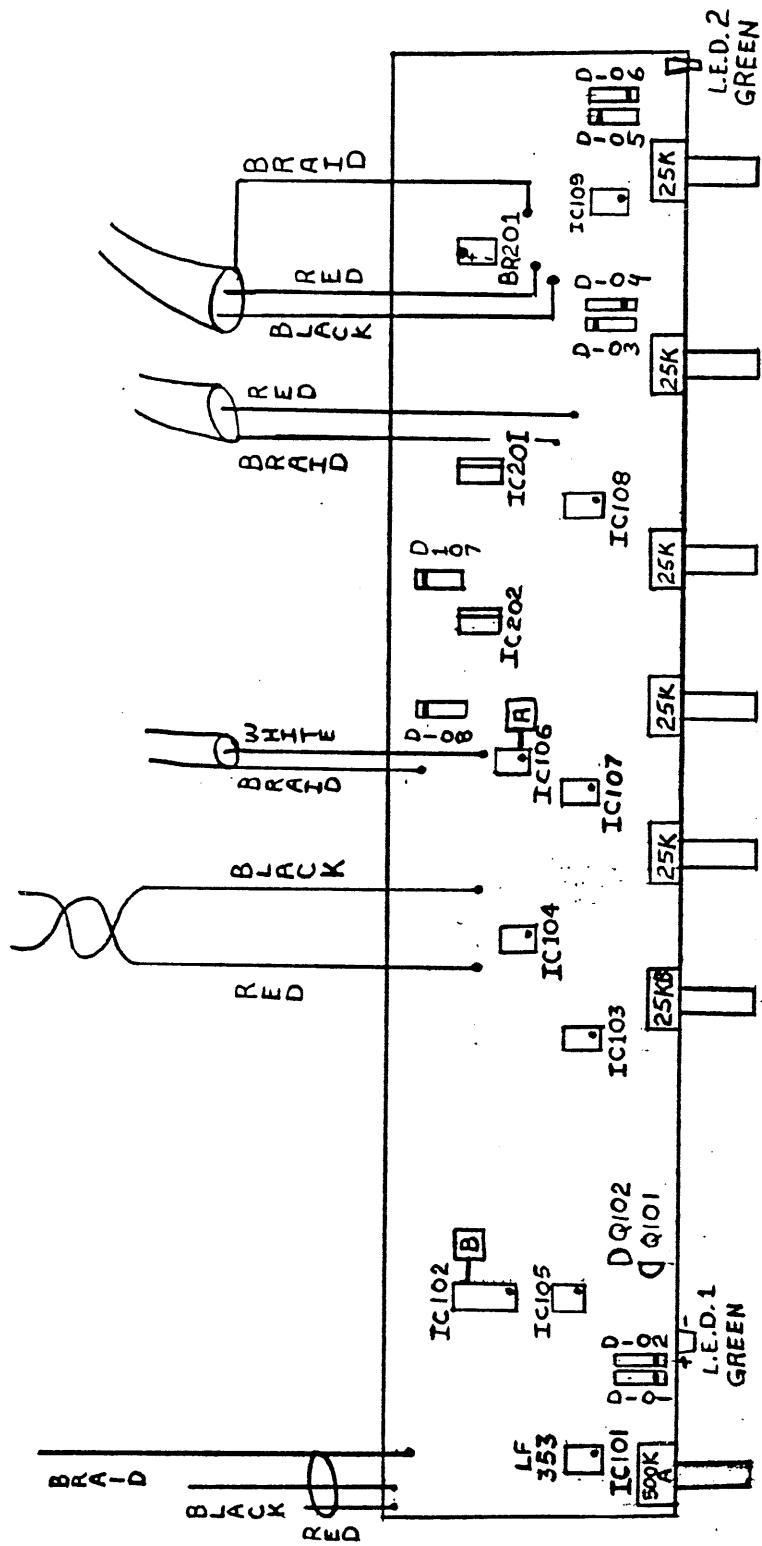
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MR140 REVERB

DRAWN BY TOM H.

12-4-80



[A]: IC106 PIN #2 EQ TEST INPUT

[B]: IC102 PIN# 7 LIMITER OUTPUT TEST POINT

MR 140 COMPONENT SIDE
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