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## **OWNER'S MANUAL**

### **GUILD G-700 "SEQUOIA"**

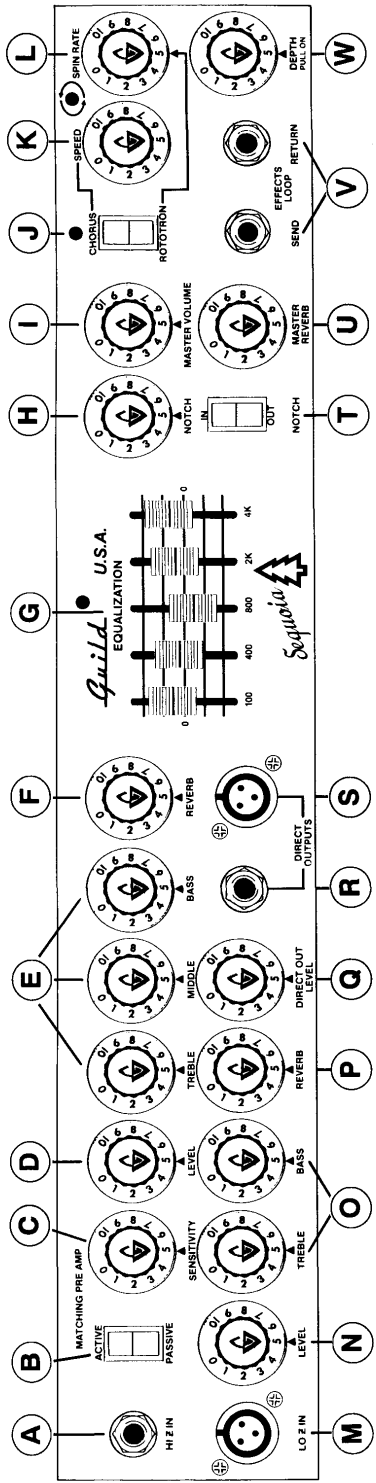
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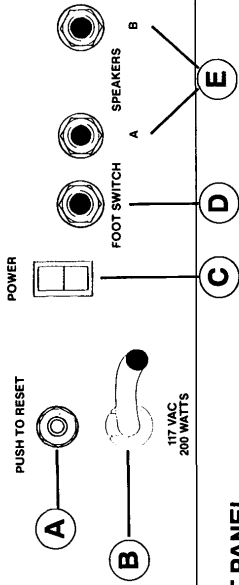
The Guild G-700 "SEQUOIA" is a Stereo High Fidelity musical instrument amplifier. The Sequoia contains a wide array of features designed to amplify and enhance acoustic musical instruments. Channel one of the Sequoia has an ultra high impedance Bi FET input stage perfect for piezoelectric pickups and a built in, selectable matching preamp for active or passive instruments. Channel two has a low impedance XLR input which can be used for a vocal or soundhole microphone. The Sequoia features a wide range of tonal adjustments including separate tone controls for each channel and a five band graphic equalizer. In addition to the wide range tone controls a variable notch filter has been provided to help reduce unwanted resonances which are the major cause of feedback on acoustic instruments.

The Sequoia derives its power from two 80 watt Constant Current power amplifiers driven by a stereo chorus unit with Guild's exclusive Stereo Enhancement Circuitry. A front panel switch allows you to select a stereo chorus effect or the built in Rototron effect. Rototron is a footswitchable, variable speed vibrato circuit which emulates the sound of a rotating speaker. A high quality spring reverb unit adds extra dimension to the sound. An isolated effects loop is provided for patching in external effects units. A transformer balanced low impedance XLR connector and a 1/4" unbalanced low impedance phone jack with level control have been provided for direct output to a mixing console or slave amps.

The electronics are housed in a finely crafted solid oak finger jointed cabinet with a cane grille. Four custom designed 8 inch speakers and a built in tweeter provide a smooth full range tone. Its elegant styling and brilliant tone make the Sequoia a perfect companion to your fine acoustic instruments. If cared for properly it will provide long and trouble free service.



WARNING - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR OTHER MOISTURE. FOR SERVICE, CONTACT A QUALIFIED SERVICE PERSONNEL. NO USER SERVICEABLE PARTS INSIDE. REFER TO SERVICE MANUAL FOR SERVICE PROCEDURES.



### FRONT PANEL

#### A HI Z INPUT

An ultra high impedance input primarily intended for piezoelectric style pickups. However, this input will accommodate most types of magnetic style pickups as well as keyboard outputs.

#### B ACTIVE/PASSIVE SWITCH

This switch should be used in the "ACTIVE" position when using instruments containing onboard preamp circuitry. Use the switch in the "PASSIVE" position when using piezoelectric pickups directly into the amplifier.

#### C SENSITIVITY

Becomes activated when the ACTIVE/PASSIVE switch (B) is in the PASSIVE position. This control provides a boost in signal for instruments that do not contain built in matching preamps or have low signal output. Piezoelectric pickups can be plugged directly into the amplifier.

#### D LEVEL

Controls the HI Z input level of the amplifier.

#### N LEVEL

Controls the Low Z input level of the amplifier.

#### O TREBLE, BASS

These controls provide a wide range of tonal adjustment. When each control is set at "5" the frequency response is flat. Rotate the controls until the desired sound is obtained.

#### P REVERB

Functions identical to REVERB control described in section "F".

#### Q DIRECT OUT LEVEL

Use this control to adjust the signal level of the direct outputs "R" and "S".

#### R DIRECT OUTPUT 1/4"

Use this unbalanced low Z output to drive mixing consoles or slave amplifiers.

#### S DIRECT OUTPUT XLR

Use this transformer balanced low Z output to send an isolated signal to mixing consoles or slave amplifiers.

- (E) TREBLE, MIDDLE, BASS**  
These controls provide a wide range of tonal adjustment. Set these controls half way up and adjust until the desired sound is obtained.
  - (F) REVERB**  
Adds depth and dimension to any playing style. This control is provided for blending the reverberated signal.
  - (G) GRAPHIC EQUALIZER**  
Separates the sound spectrum into five sections. Moving the individual slide controls will either boost or cut that section of the sound spectrum by as much as 12dB. The graphic equalizer can be used to adjust the overall tone of the amplifier or to help remove unwanted feedback.
  - (H) NOTCH**  
Becomes activated when the notch switch (T) located directly below the notch control is in the IN position. The notch control provides a deep but narrow notch which is sweepable from 100Hz to 1200 Hz. It can be used to filter out unwanted resonances which are the major cause of feedback on acoustic instruments. Because the notch is narrow the effect on the overall tone is minimal.
  - (I) MASTER VOLUME**  
Controls the overall volume level of the amplifier.
  - (J) CHORUS/ROTOTRON SWITCH**  
Used to select a standard stereo chorus effect or the built in Rototron feature. Rototron is a footswitchable, variable speed vibrato circuit which emulates the sound of a rotating speaker. When the switch is in the CHORUS position the DEPTH control (W) adjusts the intensity of the Chorus effect and the CHORUS SPEED control (K) adjusts the speed of the Chorus effect. When the switch is in the ROTOTRON position the DEPTH control (W) adjusts the intensity of the Rototron effect. The SPIN RATE control (L) adjusts the maximum speed of the Rototron effect. The LED above this switch indicates the effect is activated.
  - (K) CHORUS SPEED**  
Adjusts the speed of the Chorus effect only. The CHORUS/ROTOTRON switch (J) must be in the CHORUS position for this control to function.
  - (L) SPIN RATE**  
Adjusts the maximum fast speed of the Rototron effect. The CHORUS/ROTOTRON switch (J) must be in the ROTOTRON position for this control to function. Pushing the ROTOTRON SPEED button on the footswitch will cause the Rototron speed to slowly increase from a pre-set slow speed to a maximum fast speed which is set by the SPIN RATE control. Pushing the footswitch button again will cause the Rototron speed to slowly decrease to the pre-set slow speed. A flashing LED will give a visual indication of the speed of the Chorus/Rototron effect.
  - (M) XLR LOW Z INPUT**  
This input will accommodate most types of low impedance microphones as well as soundhole condenser mics.
  - (T) NOTCH SWITCH**  
Used to engage or bypass the notch filter.
  - (U) MASTER REVERB**  
Controls the overall reverb depth for both channels.
  - (V) EFFECTS LOOP-SEND/RETURN JACKS**  
The jack labeled "SEND" should be plugged into the input of the effects unit. The jack labeled "RETURN" should be plugged into the output of the effects unit.
  - (W) DEPTH**  
Adjusts the intensity of the Chorus/Rototron Stereo Enhancement effect. **NOTE\*** This control is equipped with a pull switch which allows the Chorus effect to operate without the use of a footswitch. This switch must be in the IN position when using a footswitch.
  - REAR PANEL**
  - (A) CIRCUIT BREAKER**  
The circuit breaker is actually a mechanical fuse and protects the amplifier from extreme overload conditions. If the circuit breaker trips it can be reset by pushing the red button. If the circuit breaker cannot be reset, or continues to trip, it is an indication of trouble and should be investigated by a qualified technician.
  - (B) AC LINE CORD**  
Plug this cable into any external power source capable of supplying the amount of current specified.
  - (C) POWER SWITCH**  
Used to turn the amplifier on and off. The switch will illuminate in the on position.
  - (D) FOOTSWITCH JACK**  
A GUILD CHORUS/ROTOTRON footswitch provided with the amplifier should be used. Be sure the footswitch is fully inserted into the jack for proper function.
  - (E) SPEAKER A/SPEAKER B**  
The Sequoia's internal speakers should be plugged into these jacks. If a substitute speaker is going to be used each jack must have a load impedance of no less than 4 ohms.
- WARNING! DUE TO THE RISK OF ELECTRIC SHOCK DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE OF ANY KIND. DO NOT REMOVE CHASSIS FROM CABINET. THERE ARE NO USER SERVICE-ABLE PARTS. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

**— U.S. MUSIC / *Guild* —**  
**U.S.A.**

**WARNING: HAZARD**

To prevent a possible fire or shock do not allow this appliance to become exposed to rain or moisture of any kind and do not attempt to operate with wet hands or feet.

This product is produced with the highest quality components and strict attention to workmanship. With proper care and maintenance it will provide long and outstanding service.