

## Synth Product Design Supporting 3 Models as -1, -2 and -3



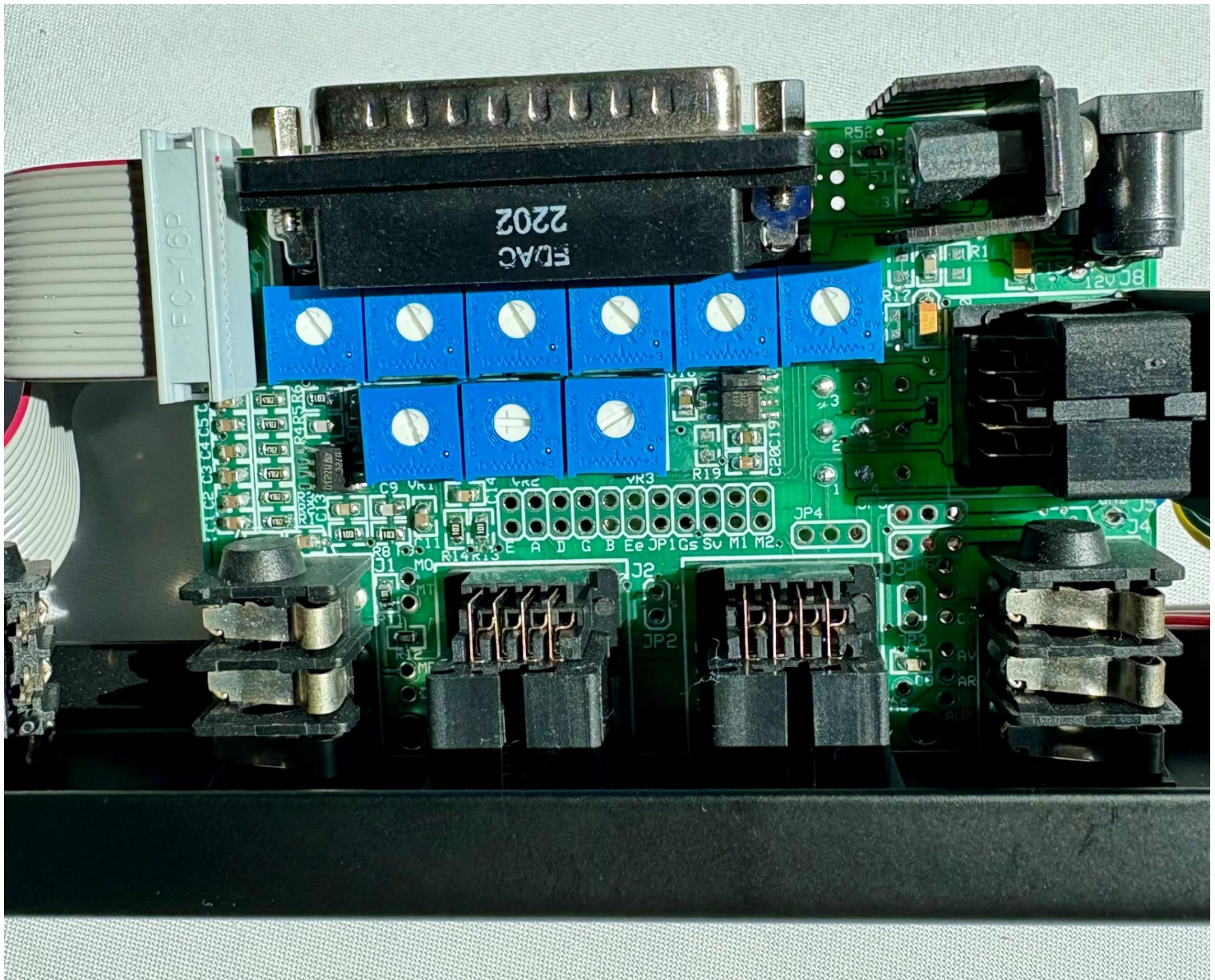
### Model: AMB-13P-3

#### Vintage Upgrade for 24 Pin, Roland BC-13 Replacement with Dual Guitar Options and optional add on PC Boards and Optional cables!

Advanced 13 Pin Output, 24Pin In for G-808 etc., Magnetic Out, Piezo Sum Out, Dual VCA for Clean Guitar Output and Hex Distorted Guitar Output using Original Guitar Volume and Distortion/Blend Controls. All 6 Strings brought out through 1/4" connectors for Stereo Panning of each string or true surround using six amps!

#### Features:

- ✓ Break Out of Six Analog Guitar Strings for Polyphonic Processing
- ✓ Designed to Interface directly with PreSonus Quantum 2626, DAW's, Mixing Boards and other Analog and Digital I/O Systems
- ✓ AUX Output is Configurable for a mono Summation of Hex Piezo saddles, VCA1, Voltage Control Out, Voltage Control In and TRS access
- ✓ Selectable Guitar Power Source
  - AMBROSONICS Guitar powered Standalone from AMB-13P Break Out Rack Panel (No GR unit required)
  - Or Guitar powered from GR / Gi -X, AXON and other Synth Controllers
- ✓ Dual 13 Pin Outputs for driving 2 GR or Synth Interface Units from a single 13 Pin or single Vintage 24 Pin Guitar Input
- ✓ BC-13 Substitute for G-808, G-707, G-303 and other GR types of Guitar Controllers
- ✓ Dual Low Distortion VCA's for 24 Pin Configuration allows Guitar Volume to operate Clean or Hex Distortion output from guitar on a SINGLE CABLE
- ✓ 24 Pin to 13 Pin conversion via 24-Pin to 25-Pin cable using standard D-Shell female connectors (Included)
- ✓ Jumper Configurable use of Touch / Modulation Plates from Roland Guitar Pickup Touch Pads
- ✓ Use the G-808 Touch Pads to bring in or out the Guitar's HEX DISTORTION or to trigger other events
- ✓ Six Adjustable Output Level controls for each string for 24 Pin mode of operation (Dial in the exact tracking you may need)
- ✓ Single 1U Rack Mount Panel. Possible 2U when using other Ambrosonics Add On Boards (Add on boards are tiny and add to the top, bottom or both sides of the main PC Board)
- ✓ Hex Guitar Distorted signal also goes to Mag Ring output via jumper choice
- ✓ Configurable Voltage Controlled Output
- ✓ Configurable Voltage Controlled Input
- ✓ Configurable Volume Pedal as a Voltage Controller Output
- ✓ Internal Adjustable Magnetic Output Level via Mag Output
- ✓ Internal Adjustable Gain for Piezo Output Level via Aux Output 1/4" connection
- ✓ Internal Adjustable Synth Master Volume Output Level
- ✓ Low Noise Power Supply Included
- ✓ Optional Cable 1, A 24 Pin Guitar to AMB 13P Break Out Rack Panel
- ✓ Optional Cable 2, A 24 Pin AMB 13P to Vintage Synth Controller Unit



AMB-13P-3 Fully-Populated PC Board that is mounted to the Break-Out-Rack via the Mag & Aux ¼" Connectors