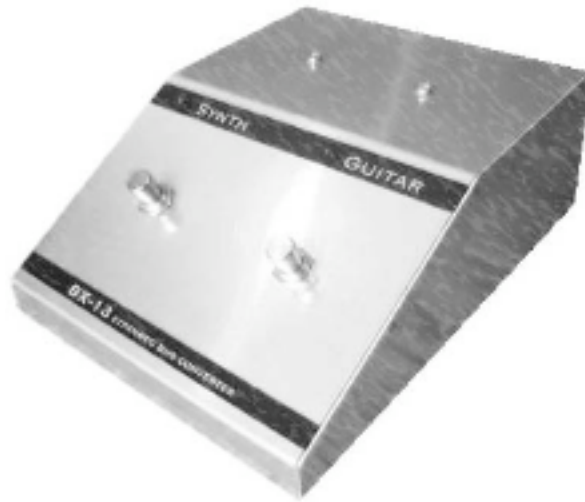


BX-13



EXPANDED BUS CONVERTER OWNER'S MANUAL

DESCRIPTION

Congratulations on your purchase of the **BX-13** Expanded Bus Converter.

The **BX-13** combines the technology found in the Roland BC-13 bus converter but with expanded footswitch control.

Like a BC-13 Bus Converter, the **BX-13** can convert the vintage 24-pin style signals into modern, 13-pin control signals, enabling the vintage guitar synth enthusiast access to the latest in guitar technology.

Your **BX-13** has been hand-built and hand-wired using quality components for reliable operation and is backed by a five-year warranty.

Please read this owner's manual carefully before using the **BX-13**.

IMPORTANT NOTES

- When connecting a guitar and synthesizer to the **BX-13**, be sure that power to the synthesizer is switched off.
- The 13-pin connector used with the **BX-13** is locking style, and therefore cables cannot be disconnected unless the locking pin is released.

PANEL DESCRIPTIONS

1. **Guitar Synth Input:** Input for 24-pin style G-Series guitar cable. The associated GREEN LED will glow when the synthesizer output is on.
2. **Synth Output Connector:** The modern. 13-pin synthesizer output connector.
3. **Synth Footswitch:** This switch turns on and off the volume level for the Synthesizer. The associated RED LED will glow when the synthesizer output is on.
4. **Guitar Footswitch:** This switch turns on and off the volume level for the Guitar.
5. **Guitar Line In 1/4”:** With only the 24-pin cable plugged in, the level of the standard guitar sound is always at *maximum*. If you want to vary the level of the standard guitar sound, then a second cable needs to be connected from the 1/4” Guitar Output jack on the Guitar Controller to the 1/4” Guitar Input jack on the **BX-13**. This is the same design used by the Roland BC-13.

SWITCH FUNCTIONS

The BX-13 changes some the functions of vintage G-Series controllers to match new, 13-pin functions.

- **Master Volume** knob is now for Guitar Volume only. This knob changes the volume of the Guitar when a cable is hooked from the standard 1/4” output jack on the guitar to the **BX-13** guitar input.
- **Guitar Tone** Knob controls the tone of the guitar’s normal sound.
- **Filter Knob**, or CV#1, becomes the volume control for the Synthesizer.
- **Mode Switch** becomes SW1 and SW2.

SPECIFICATIONS

BX-13 Dual Bus Converter:

- **Connectors:** One 24-pin input connector, one 13-pin output connector, 1 1/4” standard phone jacks for standard guitar input.
- **Dimensions:** 6(W) x 8(D) x 2 3/4(H) inches
- **Weight:** 1 lbs 3 oz

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