

Model 46A vs Model 46 – What’s the Difference?

February 2015 — The Model 46A Interface builds on the strengths of the popular Model 46 and offers significant improvements:

- **Lighter in Weight**

The Model 46A weighs considerably less than the Model 46. Changing most of the material used in the enclosure from steel to aluminum has reduced the weight by 2.5 pounds (1.1 kg). The Model 46A weighs only 4.6 pounds (2.1 kg) but still maintains a steel front panel for rugged performance in rack-mount applications.

- **Party-Line (PL) Output Current**

The Model 46A’s two party-line DC power sources have been slightly improved. The maximum current is now 315 milliamperes (mA), a small increase over the 300 mA that the Model 46 provided. While not significant, this 5% increase will provide extra “margin” for supporting the connected party-line user devices.

- **Improved Circuitry and Software**

The internal switch-mode power supplies were revised to provide increased efficiency. The audio level meter circuitry was completely re-designed using state-of-the-art components to offer improved flexibility and enhanced performance. A new-generation of microcontroller integrated circuit was included allowing faster and more-accurate software performance.

But what’s stayed the same?

The Model 46A maintains the “look and feel” of the original. All inputs and outputs from the Model 46 are present in the new unit and, of course, use the same type of connectors. For ease of service, maintenance, or updating a Model 46A is directly “pin-for-pin” compatible with the Model 46. The Model 46A can be a “drop in” replacement for a Model 46. The front panel is essentially identical to the Model 46 so users will have the same positive experience that they’ve become accustomed to: flexible configuration, intuitive controls and displays, and great audio performance.



Model 46A Interface Front and Rear Panel Views