

Multi-Channel Tube Line Buffer

1) Concept

The device is to be used as a buffer between the outputs of a professional digital sound reinforcement console and the inputs of an amplifier/speaker system. The purpose is to add tube characteristic warmth & smoothness to the sound.

2) Features

The device will feature 8 line-level (+4dB) inputs and 8 transformer balanced outputs. Line Input 1 will feed Line Output 1, 2 will feed 2 etc. A rotary, switched gain control will allow for small levels of attenuation to each input channel and LED signal present & signal clip lights will also be included.

3) Design Concepts

- XLR inputs & outputs
- Use of circuit boards (not P to P) for ease of production
- Use of easily sourced components
- Rugged, road-worthy design
- Extremely low noise
- Self contained PSU
- 3 rack spaces or less
- Ei Elite 12AX7 based?
- Affordable price point