The Bose® Model 2150 commercial power amplifier is designed to provide power for use with Bose professional products in permanent installations. The unit offers power in a rugged package (43 lb or 19.5 kg) that is two rack-space units (3.5” or 8.9 cm) high.

The Model 2150 commercial power amplifier is a two-channel amplifier delivering 150W per channel into 4Ω, 8Ω, 70V or 100V operation. Bridged-mono application will yield 300W operation at 8Ω, 16Ω, 70V or 100V operation. It includes a stereo effects loop, remote volume control as well as switch selecting for Effects Loop On/Off, High Pass Filter On/Off, Frequency Select (between 80Hz/120Hz), Clip Limiter On/Off.

The Model 2150 amplifier includes the standard Bose EQ input module designed to hold up to two EQ cards. The input module accepts both balanced and unbalanced signals from a TRS, XLR, or a stripped-wire barrier block connector.
The dynamic headroom shall be 2dB. The frequency response shall be from 20Hz to 20kHz (-3dB).

The Model 2150 amplifier shall deliver 150W of continuous power, both channels, into 4Ω, 8Ω, 70V and 100V with less than 0.2% THD from 20Hz-20kHz, (-3dB). In bridged-mono operation the amplifier shall deliver 300W of continuous power, both channels, into 8Ω, 16Ω, 70V and 100V with less than 0.2% THD with musical program.

There shall be two parallel input connectors for each of the two input channels. One of the input connectors shall be capable of connecting to both TRS and an XLR connector (only one input connector can be accepted at one time). The second input connector shall consist of a quick-connect terminal block connector.

There shall be two TRS line level outputs. This signal shall be accessed after the internal equalization card (if installed) and prior to the internal amplification section.

The channel separation for the two channels (without Bose EQ cards) shall be greater than 80dB at 1kHz and greater than 60dB at 10kHz. With the Bose EQ card, the channel separation shall be greater than 70dB at 1kHz and greater than 50dB at 10kHz.