

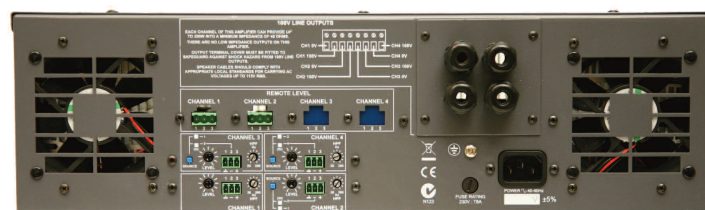
# CXV225 & CXV425 100v Direct Drive Amplifiers



CXV225



CXV425



## General Description

The Cloud CXV-225 and CXV-425 are high-power, multichannel power amplifiers designed specifically for driving 100V line speaker systems. These new amplifiers are the perfect solution for large commercial and industrial applications.

The availability of new semiconductor devices suitable for use at high voltages and advances in circuit design have made the implementation of a transformerless output stage a practical proposition, resulting in a considerable saving in cost and weight. Increased performance is also achieved, with improved frequency response and distortion figures compared to earlier, transformer-coupled output designs.

- Transformerless output stage for directly driving 100V line systems
- 2 x 250W (CXV-225) or 4 x 250W (CXV-425) per channel into 40 ohms.
- Clip limiter; DC and thermal protection
- Front panel per-channel Protect, Peak and Signal LED
- Balanced line inputs (0 dBu)
- Per-channel level controls

The CXV-225 is a two-channel amplifier in a 2U chassis, the CXV-425 has four channels and occupies 3U. The two models have the same power ratings, and can deliver 250 W into 40 ohms from each channel.

Each amplifier channel provides a preset level control for the balanced line input, and an input routing system which simplifies 1, 2 or 4-way operation with mono or stereo signals. A swept high-pass filter is also included to minimise the possibility of loudspeaker transformer saturation.

Optional Bose® EQ cards and VCA cards are also available.

- Input routing switches
- Per-channel high-pass filter; adjustable 20 Hz – 200 Hz
- Optional per-channel Bose® EQ cards available
- Per-channel VCA card option for remote volume control
- Compatible with Cloud RLI remote control panel (for music level)
- Dual fan forced-air cooling