

## Power Amplifier **EMPA-8250 / EMPA-8380 / EMPA-8500**



### DESCRIPTION

EMIX EMPA-8250 is a 100V line power amplifier with rated output of 250W, EMPA-8380 with 380W and EMPA-8500 with a very powerful 500W output.

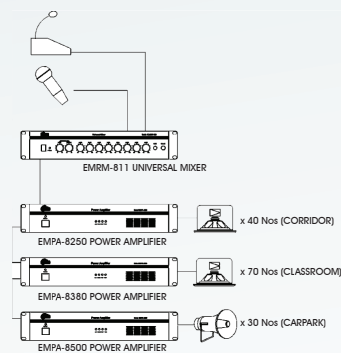
All EMIX power amplifiers are equipped with automatic self-resetting thermal cut off in the event unusual heat build-up in the unit. It has built-in short circuit protection. This EMPA series amplifier is capable of handling a wide variety of public address requirements at a surprising performance.

It is standard 19" rack-mountable with earpiece provided and only takes up to 2U of space.

### FEATURES

- Transformer isolated 100V, 70V and 8Ω speaker outputs, balanced, no grounding
- 6 LED output signal indicator
- XLR connector for amplifier link
- Short circuit, thermal, overload protection with LED indication
- Complete with priority input
- Supports 100V line input
- Input gain control available located behind amplifier

### SCHEMATIC DIAGRAM



### SPECIFICATIONS

| Model                 | EMPA-8250                                       | EMPA-8380   | EMPA-8500   |
|-----------------------|---|-------------|-------------|
| Rated Power           | 250W RMS  | 380W RMS    | 500W RMS    |
| Input Sensitivity     | 1V  |             |             |
| S/N Ratio             | > 90dB  |             |             |
| Frequency Response    | 80Hz – 16kHz at ± 3dB                           |             |             |
| THD (4Ω/1kHz)         | < 0.5%  |             |             |
| Cooling Style         | 12V DC Fan                                      |             |             |
| Indicators            | Power, Clip, Temperature, Protection            |             |             |
| Protection            | Turn on delay, Thermal, DC fault, short circuit |             |             |
| 240V AC Fuse          | F6AL  | F8AL        | F10AL       |
| 24V DC Fuse           | FB15AL / FC10AL                                 | FB/FC: 15AL | FB/FC: 20AL |
| Power Supply          | AC 220-240 / 50-60Hz or 24V DC                  |             |             |
| Power Consumption     | 500W  | 760W        | 1000W       |
| Dimension (W × H × D) | 483 × 88 × 390mm (2U)                           |             |             |
| Gross Weight          | 17kg  | 19.3kg      | 20.6kg      |
| Net Weight            | 16kg  | 18.3kg      | 19.5kg      |