

# Formosa Audiomate Ltd.

## HD-276K (stereo digital power amplifier)

### A. Introduction

HD-276K are digital power amplifier module and with switching power supply design. Advantages as bellows:

- Class-D and switching power Design for high efficiency, high stability & lighter weight.
- Output power : 20W~50W x 2CH (4ohm or 8ohm)
- Easy for application

### B. Picture



### C. Application

1. Active speakers
2. Musical instruments amplifiers
3. Combo Amplifier
4. Powered professional speakers
5. Monitor speaker

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## D. Features

1. Universal AC Input voltage: 90V ~ 260V
2. Short circuit protection
3. Over-current protection
4. Thermal protection
5. RoHS compliant

## D. Specification

1. Output power ref. to 1%..... 20W~50W / 8ohm(or 4ohm) x2CH
2. S/N Ratio @ rated power ..... > 100 dB/ A-Weighted
3. THD @ -3dB rated power ..... < 0.1%
4. Input sensitivity ..... 1 Volt
5. Input Impedance ..... 22K $\Omega$
6. Frequency response 20Hz ~ 20K Hz ..... +/- 1.5dB
7. Crosstalk @ 1KHz.....80dB
8. Dimension: 105(L) x 85(W) x 41(H) mm

## F. Pin Assignment

