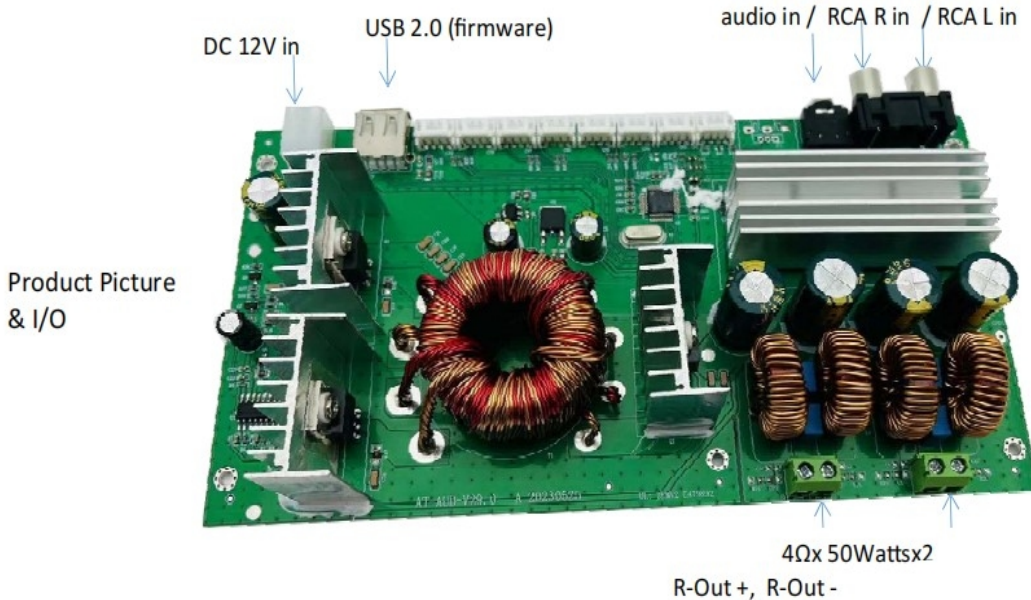


Speaker Power Amplifier

Dedicated power amplifier for car audio speakers demonstration



Highlighted Features

- >Up to Dual Channel Output at 4Ωx 50Watts.
- >Compact design with easy installation.
- >Works in Mono or Stereo
- >Adjustable power output for wide range of speaker powers
- >Extra features available via customization
- >Firmware update via USB

Description

AP100 makes car speakers demonstration easy, it supports up to dual channel output at 4Ωx 50Watts, which is sufficient for most of the retail audio demonstration displays. It employs premium acoustic-pro components for stable power output capability and sound clarity. For extra flexibility, it can drive most of the high power car speakers with output power settings. With THD & noise level as low as <0.03% & S/N ≥ 100dB, we are proud of its high performance to work as the alternative to ANY branded power amplifiers.

Tech Spec

Dynamic Range: ≥100dB
 S/N (RCA): ≥100dB
 Noise: 392.21uVrms
 Crosstalk: ≥65dB
 THD & Niose: <0.03%
 Input Level: 2.2Vpp
 Output Level: 45Vpp
 RMS Power: 2x30W
 4Ω,12V,1KHz,1%THD)
 MAX Power: 2x50W
 4Ω,12V,1KHz,10%THD)
 Aux Input/Output Sensitivity(RCA):1:22
 Frequency Response: 20Hz~20KHz
 System Sampling rate: fs=600kHz

Input Impedance: 12KΩ
 Working Voltage: DC12V±2V(Boost to 28V)
 The Static Current: ≤60mA
 Standby Power: ≤30mA
 Boot time: ≤2S
 Size of The board(W*H*L): 190mm*99mm*30mm
 Input Signal: 2 Channel RCA Audio Source
 Output Signal: 2 Channel RCA Audio Source
 Signal Gain Of The Output Channel: -30dbm~30dbm
 Output Phase: Positive phase
 Output Delay: 20ms