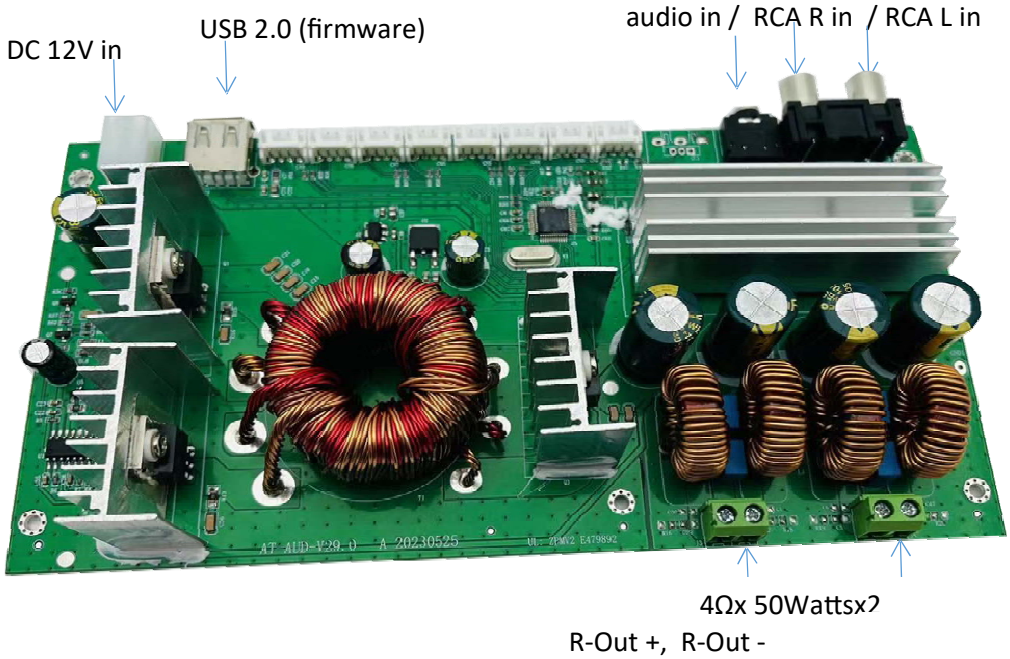
Speaker Power Amplifier

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

Product Picture & I/O



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/Outpu 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

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.