

ACA V1.6 Operation modes

Input	Stereo	Balanced input	Single-ended	Parallel input
Input Connector	1 RCA per Channel	1 x XLR	1 x RCA	2 x RCA
Output	Stereo Output	Balanced Mono	Bridged Mono	Parallel Mono
Source	Unbalanced	Balanced	Unbalanced	Unbalanced
Best for	Standard Operation	Overall performance	8-16Ω loads	4-8Ω loads
Gives you	2 Channels	More power + distortion cancellation ¹	More power into 8-16Ω	More power, less distortion into 4-8Ω
Requires	2 Channel Source	Balanced source	Extra resistor	Y cable or switch ²
Power into 4Ω	5	5	5	16
Power into 8Ω	8	15	15	8
Power into 16Ω	4	15	15	4
Output Impedance	0.8Ω	1.6Ω	1.6Ω	0.4Ω
Damping Factor	10	5	5	20

¹ Removes hum that is common to both +/- inputs, and removes most of the dominant second harmonic distortion of the amplifier itself by cancellation

² Requires a 1xRCA female to 2xRCA male Y cable to drive both RCA inputs, or to wire the internal switch to connect those two inputs together. The output connectors are tied together (+ve left is connected to +ve right, -ve left is connected to -ve right)