

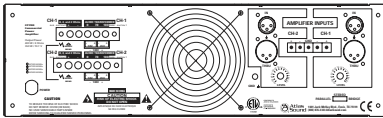
# CP700

- Commercial Duty 350W/Ch (@70.7V) Stereo Power Amp
- 400 Watts per channel @ 4Ω in direct coupled mode
- (2) High quality internal toroidal transformers provide isolation in 25V, 70.7V, 100V stereo or 140V/200V bridge mode operation
- 30-position rear panel stepped input gain controls
- Terminal block and XLR inputs
- Automatic, dual speed, high efficiency fan cooling



- Short circuit, thermal, and DC offset protection

A professional grade audio power amplifier specifically designed for demanding contractor applications, the CP700 features esoteric grade toroidal power supply and output transformers. These transformers were chosen for their outstanding reliability as well as extended frequency response (-3dB @ 30Hz-70.7V output through transformer). Now you can have the peace of mind that systems specified with the CP700 will have true transformer output isolation, a feature that may not have previously been affordable due to the cost of quality external transformers. CP700's two independent channels are driven by separate power supplies to ensure maximum channel separation and ultra low distortion figures while providing years of faithful service. Whether your application is a large, distributed, constant voltage sound system or a high SPL sound reinforcement system, the Atlas Sound CP700 is the perfect answer for high power/low cost amplification needs.



MODEL	PA601	AA35	AA120AA240	AA120M	CP700
<b>Power Rating</b>	Max. Average Power @ 50Hz-20kHz with .5% THD (10-80kHz filter) 8Ω, 1kHz, 0.5% THD 70W RMS	Max. Average Power @ 50Hz-20kHz with .5% THD (10-80kHz filter) 8Ω, 1kHz, 0.5% THD 35W RMS	25V: AA120: 120W RMS AA240: 240W RMS 70V: AA120: 120W RMS AA240: 240W RMS 100V: AA120: 120W RMS AA240: 240W RMS	Max. Average Power @ 50Hz-20kHz with .5% THD (10-80kHz filter) 8Ω, 1kHz, 120W RMS	25V: 280W X 2 70V: 350W X 2 100V: 350W X 2 140V Bridged: 700W 200V Bridged: 700W Max Average Power @ 50Hz-20kHz w/ 0.1% THD (10-80kHz Filter)
<b>Inputs</b>	Balanced Line (Phoenix) Unbalanced (RCA)	Input 1: Mic Input 1: Telephone/Line Input 2/3	Input 1: Line/Tel/Mic Inputs 2-5: Line/Mic Input 6: Line	Input 1: Line/Mic Inputs 2-4: Line/Mic Input 5: Line Input 6: Module Input	Balanced/Unbalanced
<b>Outputs</b>	Main: 4Ω, 70.7V, and 100V Line Out: Unbalanced 600Ω	Main: 8Ω, 25V, and 70.7V Zone 2: 8Ω, Unbalanced 1W Zone 2: 600Ω, Balanced 1.5V	Main: 8Ω, 25V, and 70.7V Zone 2: 8Ω, Unbalanced 1W Zone 2: 600Ω, Balanced 1.5V	Main: 8Ω, 25V, and 70.7V Zone 2: 8Ω, Unbalanced 1W Zone 2: 600Ω, Balanced 1.5V	8Ω, 1kHz, 0.1% THD 240W X 2 4Ω, 1kHz, 0.1% THD 400W X 2 2Ω, 1kHz, 0.1% THD 550W X 2 Bridged Mono 8Ω 850W (1kHz, 1% THD) Bridged Mono 4Ω 1100W (1kHz, 1% THD)
<b>Power Consumption</b>	120VA	90 Watts	AA120: 300 Watts AA240: 500 Watts	300 Watts	
<b>Dimensions</b>	8.27" x 3.66" x 14" (210mm x 93mm x 357mm)	8.27" x 3.66" x 10.87" (210mm x 94 mm x 276mm)	16.54" x 4.219" x 14.06" (420mm x 107mm x 357mm)	16.54" x 4.24" x 13.94" (420mm x 107.7mm x 351.5mm)	18.9" x 5.19" x 16.85" (32mm x 480mm x 428mm)
<b>Weight</b>	14 lbs (6.58kg)	10.2 lbs (4.64kg)	AA120: 26.44 lbs (12kg) AA240: 27.85 lbs (12.63kg)	26.75 lbs (12.16kg)	54 lbs (24.3kg)
<b>Optional Accessories</b>	<p><b>AAVCC-5</b> - Control cover for all AA Series 5 Pc Bag</p> <p><b>AARMK2-0</b> - Rack mount kit for all full rack width 2RU H models</p> <p><b>AAVCC-10K</b> - Remote volume control Decora White/Ivory</p> <p><b>AAARMK2-5</b> - Single/Dual rack mount kit for 1/2 rack width 2 rack unit high models</p> <p><b>AA-SMG</b> - Sound masking module  <b>AA-ML</b> - Mic line input module W/VCA  <b>AA-EQ3</b> - Patchable 3 band equalizer module  <b>AA-TG 3</b> - Tone/Chime module</p> <p><b>AAIT-600</b> - 600Ω 1:1 Isolation Transformer for CH1 Tel Input</p>				



# KILLER POWER!

ATLAS SOUND PREMIERES STRATEGY SERIES™ MIXER POWER AMPLIFIERS



1601 Jack McKay Blvd., Ennis, TX 75119 U.S.A. 800.876.3333 FAX ORDERS TO: 800.765.3435

© 2006 Atlas Sound LP. All Rights Reserved. Atlas Sound is a registered trademark of Atlas Sound LP.

ATS002309 RevA 2/06 484094

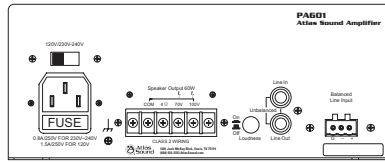
# Strategy Series® Amplifiers

a brand new line of mixer amplifiers—Strategy Series Amplifiers. Designed from the ground up to address the needs of the commercial sound industry, these amplifiers include extensive feature sets, compact designs, a variety of accessories, and are engineered for long term reliability.

When it comes to the finest commercial and professional sound products in the industry, Atlas Sound delivers. This year, Atlas Sound will continue leading the industry by presenting

## PA601

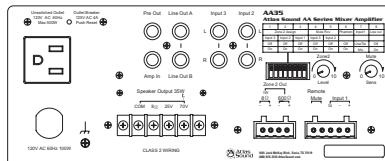
- Simple Clean Power
- 60 Watt Single Input Power Amp
- 1 Balanced or Unbalanced Input
- 1 Unbalanced Line Output
- Loudness Contour Switch (+4dBu @ 100Hz and 10kHz)



The **PA601** is the perfect choice for distributed background music (BGM) systems when the requirement is simple amplification without MOH or advanced mix functionality. The PA601 features 60 Watts of pure power in a compact package with simple, rear mounted RCA I/O. A unique loudness contour control provides just the right amount of low frequency enhancement for low level listening environments.

## AA35

- 35 Watts of true output power for less money than most competitors' 15 Watt models
- 1 Mic In w/Phantom Power
- 2 Stereo Line Ins
- Dual Line Out
- Pre Out/Power In Patch
- Remote and VOX Activated Mute
- Route any source combination or entire mix bus to Zone 2 (MOH Out)
- Special Low Cut Filter is 6dB/octave at 400Hz and also bypasses front panel bass control to allow use with paging horns like the Atlas Sound APX40TN and AP-15T



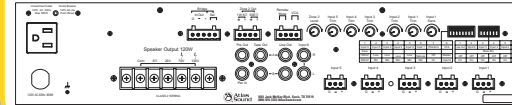
The Atlas Sound **AA35** is a 3 input channel mixer amplifier designed for distributed business paging and background music (BGM) systems, small to medium speech privacy systems, and in applications where music on hold (MOH) plus paging is required. With (1) microphone input and (2) stereo line inputs, the AA35 will accommodate a variety of input sources including paging microphones, CD players, and digital music receivers. A dip switch selectable matrix allows the creation of a Zone 2 mix from any or all of the input sources for music or messaging on hold applications. 25V, 70.7V and 8 Ohm outputs are provided. The output power of 35 Watts will match nicely with Atlas Sound FAP, SM, SD, and GD series loudspeakers. In fact, in an 11' ceiling application, the AA35 will provide power for up to 117 SD72W loudspeakers tapped at .25 Watts each while providing upwards of 84dB in the direct sound field at ear height!

## AA120/AA240

- 6 Channel Mixer Amp (available with 120 or 240 Watts)
- 5 Mic/Line Inputs with Phantom Power and 1 Stereo Summing AUX Input
- Remote or VOX Mute Capabilities
- Zone 2 MOH out from CH6 line source
- Special Low Cut Filter is 6dB/octave at 400Hz and also bypasses front panel bass control to allow use with paging horns like APX40TN and AP-15T
- Bridge In/Out Circuit with balanced link/internal relay to engage circuit. Perfect for small room combining systems eliminating the need for external electronics
- VCA control assignable to input 6 line level (BGM) input or global for the mix bus
- Pre out/power amp in for patching external processors

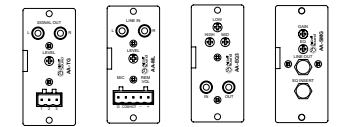


Looking for an amplifier to suit a large retail, commercial, or industrial paging and background music application? Look no further than the Atlas Sound **AA120** amplifier. This powerful 120 Watt amplifier was engineered with unique features to assist the contractor or installer in today's commercial business audio environment. This 6 input unit features extensive muting and output options along with a very unique bridge in/out feature to allow combining of multiple amplifiers in ballroom applications without the need for external relays. VCA control is also included which may be assigned to the BGM input or globally for the entire amplifier. For higher output requirements the model **AA240** is available with the same preamp section as the AA120 but with 240 Watts of power.



## AA120M

- 4 Mic Inputs
- 1 Stereo Line (BGM) Input
- 1 Module Input
- Input Trim Control per channel
- Channel 2-5 can be configured for mute receive or mute send
- Separate Zone 2/3 Matrix per channel
- Module Input features mix bus or "amp direct" routing (Perfect for sound masking as masking source is not affected by front panel EQ settings and treble control can be used for adding HF to page in masking systems)
- VOX Mute and Contact Closure Mute may be assigned separately for "quasi" dual level mute priority via internal jumpers
- VCA control assignable to CH5 BGM input or main mix bus
- Bridge I/O with relay like AA120/AA240
- Zone 2/3 Output (line level and 1W 8Ω)
- 24VDC Output and patchable relay assignable to CC or VOX mute circuit (allows use of Atlas Sound priority attenuators without any additional hardware)



AA120M Modules (optional)

Nicknamed the "Swiss Army mixer amplifier", Atlas Sound's **AA120M** is possibly the most versatile mixer/amplifier on the market today. True 3 zone matrixing (main 120W output, 1W output, and line level output), 24VDC output with relay sync to the mute bus, bridge in/out with built-in relay control, (1) industry standard module input with direct to mix bus or direct to amp assignment, global or BGM input, VCA control and multiple mute bus configuration options round out the unit's extensive feature set. The AA120M is ideal for applications such as sound masking, industrial paging, BGM, commercial PA, priority volume control applications, and hotel ballrooms/meeting rooms to name a few.

