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Enhanced audio awareness



It's more than **sound**.

It's **sight** – eye catching design and understated elegance.

It's **touch** – fingertip controls and logical electronics; highly sophisticated yet simple to operate.

It's **feeling** – from explosive power to fine detail, transport yourself to the past or experience the future.

Whether you're relaxing to the music you grew up with, mesmerized by the latest DVD or conducting your daily business, sound is everywhere. AudioTrak® brings it to you in an unsurpassed way.

The AudioTrak line of finely crafted audio equipment is designed for home, business and public venue. Engineering top quality products is the number one priority. Travel through the catalog and experience it for yourself. It's sure to excite your senses and complement your lifestyle.



## Platinum Series Speakers

Possibly the finest flush mount speakers ever made!

Hand selected components, with precisely tuned frequency responses, deliver unparalleled realism in music from rock to classical.

Features include oversized ferrite woofer magnets, moisture-resistant woven fiber cones, directional silk dome tweeters with neodymium magnets and gold plated quick lock speaker terminals.

With crystal-clear highs and thunderous tight lows, hearing is believing.

All Platinum speakers carry a 5-year limited replacement warranty.

The decision is clear! PLATINUM.



X875



X831



X632

### Features

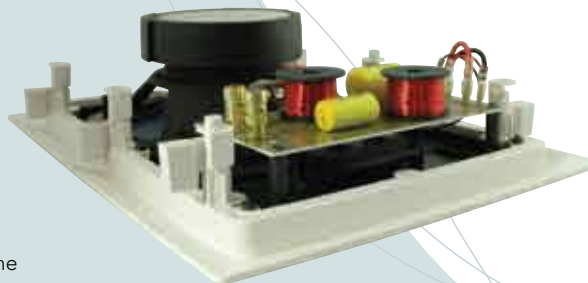
- Woven glass fiber ultra-rigid cones
- Silk dome aimable tweeters
- Neodymium tweeter magnet structure
- Oversized ferrite woofer magnets for high power handling
- All-metal gold plated wire-in push terminals (non-oxidizing)
- Fiberglass circuit boards
- Custom air core inductors
- Maximum 5 percent component tolerance
- 14-AWG copper wiring throughout
- Machine screw L-clips accommodate double drywall
- Ultra-wide frequency response
- Ultra-low distortion
- 5-year limited replacement warranty

# Specifications

	<b>X675</b>	<b>X875</b>	<b>X631</b>	<b>X632</b>	<b>X831</b>
Speaker Type	Two-way in-ceiling	Two-way in-ceiling	Two-way in-wall	Two-way, dual-woofer	Two-way in-wall
Power Handling	60 W RMS, 90 W Peak	80 W RMS, 150 W Peak	60 W RMS, 90 W Peak	90 W RMS, 180 W Peak	80 W RMS, 150 W Peak
Frequency Response	50 Hz to 22 kHz	40 Hz to 22 kHz	50 Hz to 22 kHz	40 Hz to 22 kHz	45 Hz to 20 kHz
Sensitivity	87 dB, 1 W, 1 M	88 dB, 1 W, 1 M	86 dB, 1 W, 1 M	89 dB, 1 W, 1 M	86 dB, 1 W, 1 M
Impedance	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms
Woofer	6.5 inches; 165 mm	8 inches; 203 mm	6.5 inches; 165 mm	6.5 inches; 165 mm	8 inches; 203 mm
Material	Woven fiber cone/ rubber edge	Woven fiber cone/ rubber edge	Woven fiber cone/ rubber edge	Woven fiber cone/ rubber edge	Woven fiber cone/ rubber edge
Magnet	17.7 oz; 501 g	20 oz; 566 g	17.7 oz; 501 g	17.7 oz; 501 g	20 oz; 566 g
Tweeter	1 inch; 25 mm swivel type	1 inch; 25 mm swivel type	1 inch; 25 mm swivel type	1 inch; 25 mm swivel type	1 inch; 25 mm swivel type
Material	Silk dome	Silk dome	Silk dome	Silk dome	Silk dome
Magnet	3.4 oz; 96.3 g neodymium	3.4 oz; 96.3 g neodymium	3.4 oz; 96.3 g neodymium	3.4 oz; 96.3 g neodymium	3.4 oz; 96.3 g neodymium
Crossover Frequency	2.5 kHz	3 kHz	5.5 kHz	5 kHz	2.3 kHz
Grille (paintable)	Steel mesh	Steel mesh	Steel mesh	Steel mesh	Steel mesh
Frame (paintable)	ABS plastic	ABS plastic	ABS plastic	ABS plastic	ABS plastic
Mounting System	L-clips	L-clips	L-clips	L-clips	L-clips
Overall Dimension	10.03 inches; 255 mm diameter	11.5 inches; 292 mm diameter	8.2 × 11.4 inches; 208 × 290 mm	7.5 × 16.87 inches; 190.5 × 394 mm	10.6 × 14.5 inches; 270 × 370 mm
Cutout Dimension	8.26 inches; 210 mm diameter	9.84 inches; 250 mm diameter	6.9 × 10.1 inches; 176 × 259 mm	6.375 × 15.5 inches; 162 × 394 mm	9 × 13 inches; 227 × 330 mm
Mounting Depth	3.4 inches; 85 mm	3.75 inches; 95 mm	3.75 inches; 95 mm	3.75 inches; 95 mm	3.75 inches; 95 mm



Platinum woven fiber ultra-stiff cone and oversized magnet structures deliver crisp, tight bass.



Platinum speakers house the finest quality crossover components, with low tolerance capacitors, fiberglass circuit boards and gold push terminals.



## SPG Series In-Wall/Ceiling Speakers

The AudioTrak® SPG Series Professional loudspeakers are designed with the latest advancements in speaker technology. Rugged but elegant, these workhorse speakers blend into any decor and provide optimum sound quality through the range. Whether it's light background sound or heavy foreground music, the SPGs deliver.

Features include moisture-resistant polypropylene woofers with rubber surround, directional silk dome tweeters with high power neodymium magnets and an ultra-fast response capacitor. Easy install *L-clips* and an architecturally pleasing grille finish the unobtrusive look.

Sturdy four-inch deep acoustic coated 20-gauge steel back boxes are available for all SPG speakers.



SPG-875S

SPG-675S

SPG-575S

### Features

- Polypropylene woofers
- High power handling
- Aimable silk dome tweeters
- Neodymium tweeter magnets
- Oversized ferrite woofer magnets
- Ultra-fast response capacitors
- Machine screw L-clips clamping mechanism
- Paintable grilles
- Optional all-metal back box BB-SPG
- Optional all-metal adjustable rough-in bracket RI-SPG-ADJ

# Specifications

	<b>SPG-575S</b>	<b>SPG-675S</b>	<b>SPG-875S</b>
Speaker Type	Two-way in-ceiling	Two-way in-ceiling	Two-way in-ceiling
Power Handling	30 W RMS, 60 W Peak	40 W RMS, 80 W Peak	75 W RMS, 150 W Peak
Frequency Response	60 Hz to 21 kHz	50 Hz to 21 kHz	33 Hz to 22 kHz
Sensitivity	85 dB, 1 W, 1 M	86 dB, 1 W, 1 M	87 dB, 1 W, 1 M
Impedance	8 ohms	8 ohms	8 ohms
Woofer	5 inches; 127 mm	6 inches; 152 mm	8 inches; 203 mm
Material	Mica filled polypropylene cone/rubber edge	Mica filled polypropylene cone/rubber edge	Mica filled polypropylene cone/rubber edge
Magnet	8.6 oz; 243.3 g	10 oz; 283.5 g	18 oz; 509.4 g
Tweeter	0.79 inch; 20 mm swivel type	0.79 inch; 20 mm swivel type	0.79 inch; 20 mm swivel type
Material	Silk dome	Silk dome	Silk dome
Magnet	2.7 oz; 77.0 g neodymium	3.4 oz; 96.3 g neodymium	3.4 oz; 96.3 g neodymium
Crossover Frequency	3 kHz	2.5 kHz	2.5 kHz
Grille (paintable)	Steel mesh	Steel mesh	Steel mesh
Frame (paintable)	ABS plastic	ABS plastic	ABS plastic
Mounting System	L-clips	L-clips	L-clips
Overall Dimension	7.52 inches; 191 mm diameter	8.03 inches; 204 mm diameter	9.65 inches; 245 mm diameter
Cutout Dimension	6.34 inches; 161 mm diameter	7.05 inches; 179 mm diameter	8.43 inches; 214 mm diameter
Mounting Depth	2.76 inches; 70 mm	3.23 inches; 82 mm	3.74 inches; 95 mm
Weight	29.6 oz; 839.2 g	35.6 oz; 1 kg	55.1 oz; 15.6 kg
Back Box	BBSPG-575	BBSPG-675	BBSPG-875



BB-SPG



RI-SPG-875  
Optional adjustable  
bracket fits 16 or  
24-inch centers.

## STS and BSI Series In-Wall/Ceiling Speakers

The STS Series Professional stereo loudspeakers are designed with the same quality as their mono relatives but with the added bonus of handling both left and right signals. Separation is maintained with the dual voice coil woofer and dual tweeters. Now you can hear John, Paul, George and Ringo from the same source! Ideal for hallways or smaller rooms where two speakers are not an option.

The BSI Series makes home theater come alive! The same quality components and high power handling make for crisp dialog and realistic thunder storms. Their unobtrusive cosmetics blend into any room seamlessly.



STS-600



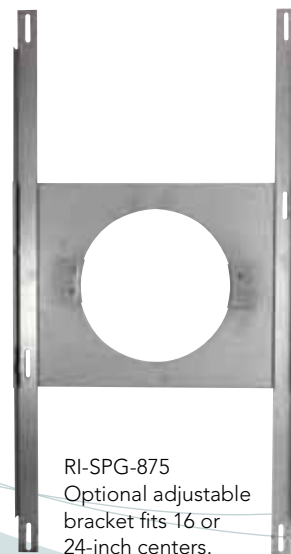
BSI-631

### Features

- Polypropylene woofers
- High power handling
- Dual voice coil woofers STS
- Dual metal dome tweeters STS
- Ultra-fast response capacitors
- Machine screw L-clips clamping mechanism
- Paintable grilles
- Optional all-metal adjustable rough-in brackets RI-STS-ADJ/RI-BSI-ADJ

# Specifications

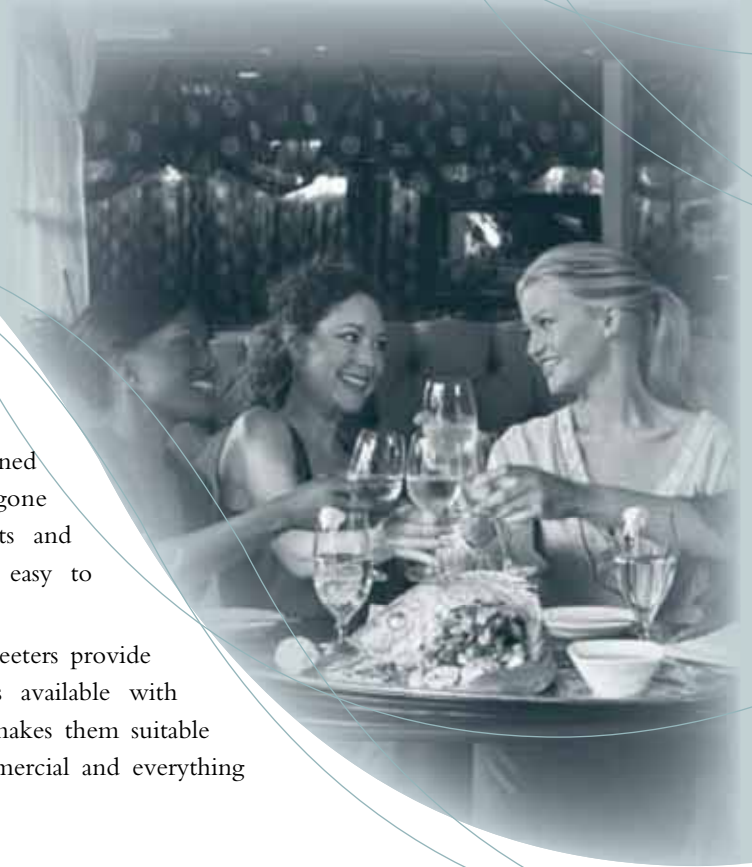
	<b>STS-600</b>	<b>STS-800</b>	<b>BSI-631</b>	<b>BSI-831</b>
Speaker Type	L and R Stereo	L and R Stereo	Two-way in-wall	Three-way in-wall
Power Handling	40 W RMS, 80 W Peak	50 W RMS, 100 W Peak	40 W RMS, 80 W Peak	75 W RMS, 150 W Peak
Frequency Response	60 Hz to 20 kHz	40 Hz to 20 kHz	40 Hz to 20 kHz	25 Hz to 20 kHz
Sensitivity	87.2 dB, 1 W, 1 M	89 dB, 1 W, 1 M	89 dB, 1 W, 1 M	91 dB, 1 W, 1 M
Impedance	6.8 ohms	6.8 ohms	8 ohms	8 ohms
Woofer	6 inches; 152 mm	8 inches; 203 mm	6 inches; 152 mm	8 inches; 203 mm
Material	Mica filled polypropylene cone/rubber edge	Mica filled polypropylene cone/rubber edge	Paper with PVC coat	Mica filled polypropylene cone/rubber edge
Woofer Magnet	10 oz; 283.5 g	17.7 oz; 501.8 g	10 oz; 283.5 g	13.3 oz; 377 g
Midrange	N/A	N/A	N/A	0.98 inch; 25 mm silk dome
Magnet	N/A	N/A	N/A	12.1 g; 0.43 oz neodymium
Tweeter	2 inches; 51 mm mylar cone	2 inches; 51 mm mylar cone	1 inch; 25 mm silk dome	0.5 inch; 13 mm mylar dome
Tweeter Magnet	1.6 oz, 46 g ferrite neodymium	1.6 oz, 46 g ferrite neodymium	3.4 oz, 96.3 g	0.065 oz, 1.85 g
Crossover Frequency	5 kHz $\pm$ 100 Hz	4.5 kHz $\pm$ 100 Hz	2500 Hz	1600 Hz and 7400 Hz
Grille (paintable)	Steel mesh	Steel mesh	Steel mesh	Steel mesh
Frame (paintable)	ABS plastic	ABS plastic	ABS plastic	ABS plastic
Mounting System	L-clips	L-clips	L-clips	L-clips
Overall Dimensions	9.92 inches; 252 mm diameter	11.5 inches; 292 mm diameter	8.74 $\times$ 12.13 inches; 222 $\times$ 308 mm	10.63 $\times$ 14.6 inches; 270 $\times$ 371 mm
Cutout Dimensions	8.5 inches; 216 mm diameter	9.92 inches; 252 mm diameter	7.52 $\times$ 10.98 inches; 191 $\times$ 279 mm	8.94 $\times$ 12.91 inches; 227 $\times$ 328 mm
Mounting Depth	3.35 inches; 85 mm	4 inches; 104 mm	3.5 inches; 89 mm	3.15 inches; 80 mm



## BSI Series Surface Mount Speakers

The BSI Surface Mount Series speakers are designed to go where no flush mount speaker has gone before! Tough polymer resonance-free cabinets and sturdy adjustable steel *U-Brackets* makes them easy to install almost anywhere.

Tough polypropylene woofers and silk dome tweeters provide crisp full spectrum audio. The BSI Series is available with seventy-volt transformers or eight-ohm, which makes them suitable for applications ranging from residential to commercial and everything in between.



BSI-800W

BSI-500W

BSI-300W



BSI-90

### Features

- BSI-90: Sealed indoor/outdoor enclosure
- Rugged polymer resonance-free cabinets
- Powdercoated aluminum non-rust grilles
- Adjustable mounting brackets included
- Polypropylene moisture-resistant drivers
- Silk dome tweeters
- Custom crossover components
- Available with 25/70-volt transformers
- Gold plated binding posts (8-ohm models)

# Specifications

	<b>BSI-90</b>	<b>BSI-300</b>	<b>BSI-500, BSI-570</b>	<b>BSI-800, BSI-870</b>
Power Handling	15 W RMS, 30 W Peak	15 W RMS, 30 W Peak	40 W RMS, 60 W Peak	85 W RMS, 100 W Peak
Frequency Response	60 Hz to 20 kHz, 8 ohms 90 Hz to 18 kHz (25/70 V)	60 Hz to 20 kHz	50 Hz to 22 kHz 90 Hz to 18 kHz (25/70 V)	35 Hz to 20 kHz 90 Hz to 18 kHz (25/70 V)
Sensitivity	89 dB, 1 W, 1 M	89 dB, 1 W, 1 M	89 dB, 1 W, 1 M	89 dB, 1 W, 1 M
Impedance	8 ohms	8 ohms	8 ohms	8 ohms
Woofer	3.5 inches; 89 mm	3.5 inches; 89 mm	5 inches; 127 mm	8 inches; 203 mm
Material	Urethane foam edge woofer	Mica cone with rubber edge	Mica cone with rubber edge	Mica cone with rubber edge
Tweeter	2 inches; 51 mm soft dome with neodymium magnet	0.75 inch; 19 mm polymer dome with neodymium magnet	0.75 inch; 19 mm polymer dome with neodymium magnet	1 inch; 25 mm polymer dome
Crossover Frequency	1800 Hz	1800 Hz	1800 Hz	3600 Hz
Enclosure	Molded impact resistant polypropylene	Molded impact resistant polypropylene (vented)	Molded impact resistant polypropylene	Molded impact resistant polypropylene (vented)
Grille	Painted aluminum mesh (rust resistant)	Painted aluminum mesh (rust resistant)	Painted aluminum mesh (rust resistant)	Painted aluminum mesh (rust resistant)
Environment	Indoor/outdoor (weather resistant)	Indoor/outdoor (weather resistant)	Indoor/outdoor (weather resistant)	Indoor/outdoor (weather resistant)
Mounting	Adjustable U-Bracket	Adjustable U-Bracket	Adjustable U-Bracket	Adjustable U-Bracket
Terminations	Screw terminal	Spring terminals	Gold plated binding posts (BSI-500), spring terminals (BSI-570)	Gold plated binding posts (BSI-800), spring terminals (BSI-870)
Color	Black	Black/white	Black/white	Black/white
Commercial Model	BSI-90B	N/A	BSI-570B/W	BSI-870B/W
Transformer Taps	1 W, 2 W, 4 W, 7.5 W, 15 W at 70 V or 25 V	N/A	1 W, 2 W, 4 W, 7.5 W, 15 W at 70 V	1.8 W, 3.75 W, 7.5 W, 15 W, 30 W at 70 V
Dimensions (Width × Height × Depth)	7.2 × 5.24 × 4.53 inches; 183 by × 133 × 115 mm	5.28 × 7.48 × 4.48 inches; 134 × 190 × 114 mm	7 × 9.41 × 5.63 inches; 180 × 239 × 143 mm	10.63 × 14 × 8.27 inches; 270 × 356 × 210 mm



BSI Series is available in black or white.



BSI 70 Series speakers include 5 wattage taps plus an 8-ohm transformer bypass switch.



Gold-plated screw terminals accept 12-AWG wire.

## AT-F1 and AT-F2 Studio/Theater Monitors

The all new AT-F1 and AT-F2 monitors were created with a completely unique idea in mind.

The design was started with a new cabinet that provides maximum cabinet volume, without making the box as big as a fridge. The sides and the front of the cabinet were angled to reduce tweeter refraction and 'time align' the tweeter with the woofer to virtually eliminate phase distortion. The AT-F1 and AT-F2 are custom built with an all new cast aluminum six-inch woofer and an ultra-stiff/light sandwich cone. The super tweeter is a completely new design: a ceramic coated aluminum dome with silk surround and a specially tuned phase plug which extends well beyond 50 kHz.

The crossovers house the finest components available and are artfully crafted by a speaker legend with over twenty-five years of speaker building experience. The drivers are bi-wireable and bi-ampable and completely shielded for zero magnetic interference. All hardware is solid brass and the all-metal architectural grilles are child and pet-proof.

Owning the AT-F1 and/or AT-F2 monitors will change the way you listen to music and watch movies. If you are a studio engineer, audio enthusiast or a casual listener you will immediately be amazed at the stunning clarity and depth of sound reproduction.

To audition them is to own them!



AT-F1



AT-F2

### Features

- Magnetically shielded drivers
- Six-inch custom cast aluminum frame woofers
- Sandwich cones, ultra-stiff and light
- One-inch ceramic coated aluminum dome tweeter
- Specially tuned phase-plug and face plate
- Neodymium tweeter magnet structure
- CCAW voice coil with ultra-low induction
- Cabinet angles reduce tweeter refraction
- AT-F1: Angled front baffle to 'time align' drivers
- AT-F2: Horizontal or vertical mounting center channel or tower
- AT-F2: D'Appolito cabinet design
- Removable all-metal grilles are child and pet-proof
- Dual heavy-duty gold binding posts
- Bi-ampable, bi-wireable
- 18 dB per octave LP and HP crossovers
- Diode tweeter protection

# Specifications

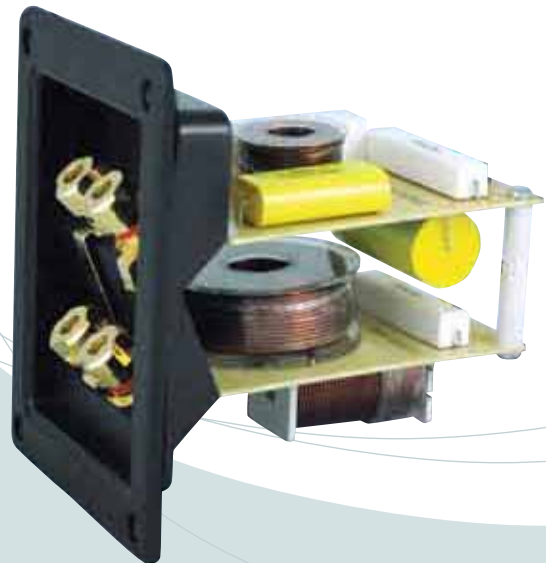
	AT-F1	AT-F2
Typical Break-In Period	50 hours of typical listening	50 hours of typical listening
Description	Two-way reference monitor	Three speaker, two-way reference monitor
Frequency Response	55 Hz to 22 kHz $\pm 3$ dB	45 Hz to 22 kHz $\pm 3$ dB
Frequency Range	50 Hz to 100 kHz -10 dB	40 Hz to 100 kHz -10 dB
Range Inside $\pm 1.5$ dB	100 Hz to 8 kHz	100 Hz to 8 kHz
Sensitivity	90 dB, 2.83 V at 1 M	91.5 dB, 2.83 V at 1 M
Nominal Impedance	8 ohms	8 ohms
Recommended Power	30 W to 125 W unclipped program	30 W to 175 W unclipped program
Drive Units	One woofer, one tweeter	Two woofers, one tweeter
Finish	Black woodgrain with steel grilles	Black woodgrain with steel grilles
Dispersion pattern	60 $\times$ 95 degrees $\pm 3$ dB	60 $\times$ 95 degrees $\pm 3$ dB
Harmonic Distortion at 2.83 V	Less than 1 percent from 80 kHz to 20 kHz	Less than 1 percent from 75 kHz to 20 kHz
Crossover Frequency	2.5 kHz	2.8 kHz
Max Recommended Cable DC resistance	0.1 ohm	0.1 ohm
Dimensions (Width $\times$ Height $\times$ Depth)	8.5 $\times$ 16 $\times$ 13 inches; 216 $\times$ 406.4 $\times$ 330.2 mm	8.5 $\times$ 21.8 $\times$ 11.65 inches; 216 $\times$ 556 $\times$ 296 mm
Net Weight	17.3 lbs; 7.84 kg	26.75 lbs; 12.13 kg
Recommended Power Amplifiers	AT-300, AT-500, AT-6100	AT-300, AT-500, AT-6100



Shielded, high efficiency, custom cast aluminum drivers.

Solid brass, gold plated binding posts and custom bi-ampable crossover design uses the finest air core inductors and five percent maximum tolerance components.

Combine with  
AT-6100, AT-7100P



## Premium Quality PTX Euro Series Theater Speakers

The PTX Euro Series of home theater speakers deliver outstanding audio quality and stunning visual appeal. The finest components have been hand selected to offer maximum power delivery in a compact size.

The sleek beechwood oval cabinets compliment any decor. Also available in black.



### Features

- Anti-resonance rounded cabinets
- Three-woofer, high-power designed tower
- Magnetically shielded
- Deep bass reproduction
- Gold binding posts
- Bi-ampable
- Bi-wireable
- Silk dome neodymium tweeters
- Removable grilles
- Scratch-resistant top plates
- 200-watt subwoofers
- Continuously variable crossover
- Auto audio on/off sensing
- Adjustable subwoofer phase switch

# Specifications

	<b>PTX60TBE</b> <b>PTX60TBL</b> Tower	<b>PTX50TBE</b> <b>PTX50TBL</b> Tower	<b>PTX55CBE</b> <b>PTX55CBL</b> Center	<b>PTX55BBE</b> <b>PTX55BBL</b> Bookshelf	<b>PTX54BBE</b> <b>PTX54BBL</b> Bookshelf	<b>PTXSUB10BE</b> <b>PTXSUB10BL</b> Subwoofer
Power Handling	10 W to 280 W	10 W to 250 W	5 W to 175 W	5 W to 150 W	5 W to 100 W	200 W RMS
Sensitivity	92 dB, 1 W, 1 M	91 dB, 1 W, 1 M	90 dB, 1 W, 1 M	89 dB, 1 W, 1 M	88 dB, 1 W, 1 M	93 dB, 1 W, 1 M
Frequency Response	30 Hz to 22 kHz	35 Hz to 22 kHz	45 Hz to 22 kHz	50 Hz to 22 kHz	60 Hz to 22 kHz	20 Hz to 200 Hz variable
Impedance	6 ohms	6 ohms	6 ohms	6 ohms	6 ohms	8 ohms
Woofers	6 inches; 165 mm	5 inches; 127 mm	5 inches; 127 mm	5 inches; 127 mm	4 inches; 102 mm	10 inches; 254 mm down-firing dual ported
Material	Polypropylene cone rubber edge	Polypropylene cone rubber edge	Polypropylene cone rubber edge	Polypropylene cone rubber edge	Polypropylene cone rubber edge	Reinforced fibrous pulp cone
Mid Range	5 × 2 inches 127 × 51 mm polypropylene cone rubber edge	N/A	N/A	N/A	N/A	N/A
Tweeter	1 inch; 25 mm silk dome ferro fluid	1 inch; 25 mm silk dome ferro fluid	1 inch; 25 mm silk dome ferro fluid	1 inch; 25 mm silk dome ferro fluid	1 inch; 25 mm silk dome ferro fluid	N/A
Magnetic Shielded	Yes	Yes	Yes	Yes	Yes	No
Dimensions (Width × Height × Depth)	8.31 × 41.5 × 13.5 inches; 211 × 1054 × 343 mm	7 × 37.28 × 12.48 inches; 178 × 947 × 317 mm	19 × 6.3 × 8.31 inches; 483 × 160 × 211 mm	6.3 × 11.5 × 8.31 inches; 160 × 292 × 211 mm	5.51 × 10.24 × 7 inches; 140 × 260 × 178 mm	12.5 × 18 × 16 inches; 312 × 450 × 400 mm
Terminals	Bi-wireable gold binding post	Bi-wireable gold binding post	Gold binding post	Gold binding post	Gold binding post	Power, volume, auto shut off, phase, variable crossover, RCA line level
Finish	Beech woodgrain or black	Beech woodgrain or black	Beech woodgrain or black	Beech woodgrain or black	Beech woodgrain or black	Beech woodgrain or black



PTXSUB10BL



PTX55BBE

## Theater Subwoofers

AudioTrak® professional subwoofers are designed to blend seamlessly into your home and provide the powerful low frequency extension necessary to reproduce today's sonically demanding movies and high definition audio.

It takes serious power to create a lifelike listening experience; AudioTrak delivers with 125-watt, 250-watt and 300-watt models. Automatic audio sense on/off, adjustable phase and crossover controls, as well as unmatched reliability make AudioTrak your smart choice when you want to get down, get funky, get low.



### Features

- Low-resonance MDF cabinets
- 125-watt, 250-watt and 300-watt class A/B amplifiers
- 10-inch, 12-inch or 15-inch drivers
- Automatic audio on/off sensing
- Adjustable phase switch
- Continuously variable crossover
- Front-firing and down-firing cabinets
- Unbalanced RCA and speaker level connectors

## AT-F3 Subwoofer

The AudioTrak AT-F3 subwoofer represents the pinnacle of cutting edge design combined with the latest technology in ultra-high power digital amplifiers. Dual ten-inch concert drivers deliver explosive low frequency energy whether you're at home in your theater room, recording studio, house of worship or night club. The AT-F3 provides professional balanced XLR inputs and outputs with continuously variable crossover and phase controls, automatic on/off signal sensing and crossover bypass to integrate seamlessly into any environment. Transport yourself to an all new low with the earth shattering AT-F3.



### Features

- D'Appolito cabinet design
- Dual position use
- Front-firing dual 10-inch woofers
- 500-watt RMS digital power amplifier
- Front baffle ported
- Steel grille
- Automatic audio on/off sensing
- Continuously variable phase and crossover
- Crossover bypass/engage switch for all outputs
- Solid brass hardware
- Balanced XLR inputs and outputs
- Unbalanced RCA inputs and outputs

# Specifications

	<b>ALSUB10</b>	<b>ALAS12</b>	<b>ALAS15</b>	<b>AT-F3</b>
Power Output	125 W	250 W	300 W	500 W Class 'D'
Sensitivity	90 dB, 1 W, 1 M	94 dB, 1 W, 1 M	95 dB, 1 W, 1 M	97 dB, 1 W, 1 M
Frequency Response	22 Hz to 200 Hz variable	22 Hz to 200 Hz variable	20 Hz to 200 Hz variable	18 Hz to 250 Hz variable
Adjustable Crossover	50 Hz to 100 Hz	50 Hz to 100 Hz	50 Hz to 100 Hz	30 Hz to 200 Hz
Impedance	4 ohms	4 ohms	4 ohms	4 ohms
Woofer	10 inches; 254 mm	12 inches; 305 mm	15 inches; 381 mm	Dual 10 inches; 254 mm
Dimensions (Width × Height × Depth)	12 × 14.48 × 15.98 inches; 305 × 368 × 406 mm	13.5 × 19.48 × 17 inches; 343 × 495 × 432 mm	17.76 × 24.53 × 19.25 inches; 451 × 623 × 489 mm	12.44 × 27.95 × 16.92 inches; 316 × 710 × 430 mm
Finish	Black woodgrain	Black woodgrain	Black woodgrain	Black woodgrain
Grille	Cloth	N/A	N/A	Metal
Inputs	RCA unbalanced Binding post speaker level	RCA unbalanced Binding post speaker level	RCA unbalanced Binding post speaker level	XLR balanced +4 dBv RCA unbalanced +4 dBv
Outputs	RCA unbalanced Binding post speaker level	RCA unbalanced Binding post speaker level	RCA unbalanced Binding post speaker level	XLR balanced RCA unbalanced



Professional balanced XLR inputs and outputs standard on the AT-F3 subwoofer.



AT-F3

Can be used standing upright, or laying on its side to fit your environment.



ALAS15

## Impedance Matching Speaker Selectors

AudioTrak® Professional Series Speaker Selectors are available in four, six and twelve-pair configurations. These selectors satisfy the most demanding requirements. Every autoformer is precision wound and only the best associated components are selected. Transparent audio performance, high reliability, high power handling and minimal loss are standard.

Need volume control? The 10-V series deliver outstanding audio quality with resettable notched volume controls for each stereo pair.



SSA-6



10-V600



SSA-12

# Specifications

	<b>SSR-4</b>	<b>SSA-6</b>	<b>SSA-12</b>	<b>10-V400</b>	<b>10-V600</b>
Description	4-pair stereo speaker selector, tabletop	Two source 6-pair stereo speaker selector, tabletop	Two source 12-pair stereo speaker selector, tabletop	Two source 4-pair stereo speaker volume control and selector	Two source 6-pair stereo speaker volume control and selector
Input Source	One amplifier	Two amplifier	Two amplifier	Two amplifier	Two amplifier
Output 8-ohm Speaker Pairs	Four	Six	Twelve	Four	Six
Handling Power					
RMS Continuous	100 watts/channel	180 watts/channel	100 watts/channel	200 watts/channel	200 watts/channel
Peak	300 watts/channel	360 watts/channel	300 watts/channel	400 watts/channel	400 watts/channel
Frequency Response	20 Hz to 20 kHz ±2 dB	20 Hz to 20 kHz ±2 dB	20 Hz to 20 kHz ±2 dB	20 Hz to 20 kHz ±2 dB	20 Hz to 20 kHz ±2 dB
Protection Circuit	Resistor (built-in)	Autoformer (built-in)	Autoformer	Autoformer	Autoformer
Insertion Loss	0.5 dB max.	0.5 dB max.	0.5 dB max.	0.5 dB max.	0.5 dB max.
Switch	Push type, golden plate 250 V, 5 A	DPDT push type, silver plate 250 V, 15 A	DPDT push type, golden plate 250 V, 3.5 A	Push type, golden plate 250 V, 4 A	Push type, golden plate 250 V, 4 A
Terminal Block	Spring type, accepts up to 14-AWG wire	Spring type, accepts up to 14-AWG wire	Removable type, accepts up to 14-AWG wire	Removable type, accepts up to 12-AWG wire	Removable type, accepts up to 12-AWG wire
Panel Material	Black ABS	Black metal	Black aluminum with gold paint	Black ABS with gold paint	Black ABS
Material of Chassis and Cover	Metal in black	Metal in black	Metal in black	Metal in black	Metal in black
Dimensions (Width × Height × Depth)	11.29 × 2.28 × 6.77 inches; 287 × 58 × 172 mm	13.98 × 2.76 × 7 inches; 355 × 70 × 178 mm	17 × 3.54 × 8 inches; 432 × 90 × 203 mm	17 × 1.73 × 7 inches; 432 × 44 × 178 mm	17 × 1.73 × 7 inches; 432 × 44 × 178 mm



Convenient Euro block style connectors and high quality full frequency transformers complete the AudioTrak® speaker selectors.

## AT-9800 Platinum A/V Surround Receiver

The AudioTrak® AT-9800 ultimate surround receiver represents state-of-the-art design combined with unparalleled ease-of-use. Gone are the days of fumbling through manuals and pushing endless buttons. The AT-9800 front panel LCD touch-screen offers all the menu information including the complete manual for system set-up and control, in addition to on-screen display on your presentation screen or television. The AT-9800 automatically locks to and displays incoming signals; you can store all your personal settings for one button recall. This is truly a whole home system with 5.1, 6.1 or 7.1 surround processing with 1,000 watts of pure, clean power at your disposal plus multi-room outputs for independent audio and video control in four additional rooms. The AT-9800 includes four wall-mount keypads with infrared receivers plus four in-room remote controls in addition to the master AT-9800 remote. This allows a choice of eight sources in each room at any time while the AT-9800 processes 24 bit, 192 kHz digital audio in your theater room. Usher in a new era of quality, functionality and simplicity with the remarkable AT-9800.



### Features

- Front panel LCD touch-screen displays all system parameters, menus, equalizers, current level, custom backgrounds (loadable via RS 232) and complete manual.
- Dolby Pro-Logic II X, Dolby Digital, Dolby Digital-EX, DTS, DTS-ES, DTS NEO:6
- High quality tuner, built-in with 70 pre-sets
- 170 watts by 6 channels at 6 ohms output power: 1,020 watts total power
- 4-ohm stable
- Full-function aluminum remote control
- Four room stereo audio/composite video outputs
- Four aluminum multi-source keypads with infrared
- Four multi-source remote controls
- Timer functions to automatically play sources at designated times
- Four user modes to store/recall personal settings with one button
- Precision 24 bit, 192 kHz DSP processor

# Specifications

## AT-9800

Rack Height	5 U
Input Impedance Line Level	Greater than 20 K ohms
Minimum Speaker Impedance	4 ohms
Output Power	170 W × 6 at 6 ohms, 1,020 W
Signal-To-Noise Ratio	Analog input A-weighted, 89 dB Digital input A-weighted, 90 dB
Frequency Response	10 Hz to 35 kHz ±3 dB
Total Harmonic Distortion at 1 kHz	Less than 0.05 percent
Equalizer Shelf Frequencies	Treble: 10 kHz, Bass: 100 Hz
Power Requirements	110 VAC, 60 Hz
Dimensions (Width × Height × Depth)	16.93 × 8.85 × 20.27 inches; 430 × 225 × 515 mm
Weight	77.16 lbs; 35 kg

# Inputs and Outputs

## Inputs:

Seven RCA stereo analog audio
Three optical digital audio
Four coaxial digital audio
RS 232 port data
One coaxial FM cable
Three RGB component video
Four coaxial video
Four S-Video

## Outputs:

Seven gold binding post speaker level
Eight RCA unbalanced audio
Four stereo RCA analog audio line output plus composite video record output
Stereo RCA analog audio record output
One RGB component video output with on-screen display
One coaxial composite video output with on-screen display
One S-Video composite output with on-screen display
Four stereo RCA plus composite video room output
Four keypad control ports



(x4)



(x1)

## AT-7100P Professional Pre-Amplifier/Tuner

The new AudioTrak® seven-channel pre-amplifier/tuner is the ultimate combination of cutting edge technology, superb craftsmanship and beautifully simplistic design.

Features of the AT-7100P include balanced XLR outputs, professional microphone input with digital effects, built-in high quality tuner, on-screen navigation display and one-knob complete system control. The AT-7100P will take your sound experience to a higher level.

With its clean lines and audiophile sound quality, the AT-7100P is sure to please the discerning listener, seasoned professional or the whole family.



### Features

- 5.1, 6.1 and 7.1 processing
- Precision 24 bit, 96 kHz ADC and DACs
- High quality built-in tuner with 40-station pre-sets and auto store/scan
- Professional microphone input with digital effects and switchable auto music override
- Independent microphone volume, bass and treble control
- Dolby Pro Logic II, Dolby Digital and Dolby Digital EX
- Bypass mode for stereo listening with no DSP effects
- DTS, DTS ES and DTS NEO6
- Eight DSP modes for digital sound enhancement
- Independent volume control for all eight speaker outputs
- Selectable crossover for large or smaller speakers
- Selectable time delay adjustments for speaker time alignment
- Full function IR remote control
- On-screen display for quick menu navigation
- Onboard test tones with auto cycle
- Dynamic control to raise low-level audio and lower high-level audio (dialog)
- Mute button (remote only)
- Vacuum fluorescent status display
- Push/turn one touch system control knob
- Toroidal power transformer
- Optional AT-7100P-RM rack mount kit available
- cUL listed



# Specifications

## AT-7100P

Rack Height	2 U
Input Impedance Line Level	Greater than 20 K ohms
Input Impedance Mic Input	600 ohms
Output Impedance	Balanced XLR 1 K ohms Unbalanced RCA 1 K ohms
Output Level	Balanced XLR 6.5 V Unbalanced RCA 6.0 V
Signal-To-Noise Ratio	Analog input A-weighted, 89 dB Digital input A-weighted, 90 dB Microphone A-weighted, 80 dB
Frequency Response	10 Hz to 35 kHz $\pm$ 3 dB
Microphone Channel	80 Hz to 18 kHz $\pm$ 3 dB
Total Harmonic Distortion at 1 kHz	Less than 0.05 percent
Microphone Channel at 1 kHz	Less than 0.5 percent
Equalizer Shelf Frequencies	Treble: 10 kHz, Bass: 100 Hz
Power Consumption	Less than 50 W
Power Requirements	110 V, 60 Hz
Dimensions (Width $\times$ Height $\times$ Depth)	16.93 $\times$ 3.43 $\times$ 11.81 inches; 430 $\times$ 87 $\times$ 300 mm
Weight	13.23 lbs; 6 kg

### Tuner Specifications:

#### FM:

Tuning Frequency	87.5 MHz to 108 MHz
Usable Sensitivity (DIN)	Less than 1 $\mu$ v
Signal-To-Noise Ratio (A-weighted)	Better than 65 dB
Total Harmonic Distortion	0.3 percent
Frequency Response	50 Hz to 14,000 Hz
Stereo Separation	50 dB, 1 kHz

#### AM:

Tuning Frequency Range	520 kHz to 1710 kHz
Usable Sensitivity	Less than 100 $\mu$ v
Signal-To-Noise Ratio	Better than 40 dB

# Inputs and Outputs

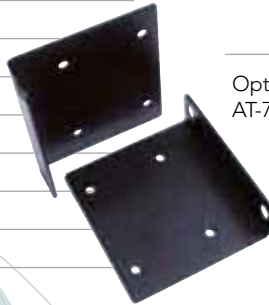
### Inputs:

Seven RCA stereo analog audio
Three optical digital audio
Four coaxial digital audio
One balanced XLR 1/4 inch phone combo microphone
One coaxial FM cable
Three RGB component video
Four coaxial video
Four S-Video

### Outputs:

Eight XLR balanced audio
Eight RCA unbalanced audio
Stereo RCA analog audio line output
Stereo RCA analog audio record output
One RGB component video output with on-screen display
One coaxial composite video output with on screen display
One S-Video composite output with on screen display
One coaxial composite video output without on screen display
One S-Video composite output without on screen display

Optional  
AT-7100-RM Rack Kit.



Combine with  
AT-6100



## AT-2300P Professional Pre-Amplifier/Tuner

The new AT-2300P Professional pre-amplifier represents the pinnacle of design and function.

Simple and easy-to-operate yet sophisticated in design and capability. The AT-2300P is perfect for stereo applications, with six stereo digital inputs plus six stereo analog inputs and an onboard 40-station digital AM/FM tuner. Included are professional balanced XLR outputs, plus unbalanced RCA outputs, which are switchable from line level to microphone level allowing the AT-2300P to be easily connected to other audio systems. With the press of a button you can assign any input to any output making the AT-2300P completely configurable for commercial PA applications with up to three independent zones. The AT-2300P is no ordinary pre-amp/tuner, it has features you will not find on any other product. The finest components and highest resolution converters are used to deliver crystal-clear sound with depth and precision, making the AT-2300P your smart choice for high quality stereo 2.1 sound or uncompromising three zone commercial audio.



### Features

- 2.1 stereo and subwoofer processing
- Three-zone matrix
- Select any of 16 inputs and route to any output
- Six digital audio inputs
- Six analog audio inputs
- Three balanced XLR outputs
- Five unbalanced RCA outputs
- Switchable outputs line level +4 dBv or -50 dBv mic level
- Precision 24 bit, 192 kHz DACs
- High quality AM/FM tuner
- 40-station tuner pre-sets
- Auto scan/store AM/FM stations
- Three professional microphone inputs XLR/phone combo/Euro block
- Route microphones to any or all outputs
- Digital effects reverb and delay user adjustable
- All mic inputs have switchable phantom power, mic override and switchable chime
- Night ringer function to any output
- Full-function infrared IR remote control
- Front panel/remote control lockout switch in matrix mode (rear panel)

# Specifications

<b>AT-2300P</b>	
Rack Height	2 U
Input Impedance Line Level	Greater than 20 K ohms
Input Impedance Mic Input	600 ohms
Output Impedance	Balanced XLR 200 ohms Unbalanced RCA 1 K ohms
Output Level	Balanced XLR 6.5 V max. (1 K ohms) Unbalanced RCA 6.0 V max. (1 K ohms)
Signal-To-Noise Ratio	Analog input A-weighted, 89 dB Digital input A-weighted, 90 dB Microphone A-weighted, 80 dB
Frequency Response	10 Hz to 35 kHz $\pm$ 3 dB
Microphone Channel	80 Hz to 18 kHz $\pm$ 3 dB
Total Harmonic Distortion at 1 kHz	Less than 0.05 percent
Microphone Channel at 1 kHz	Less than 0.5 percent
Equalizer Shelf Frequencies	Treble: 10 kHz, Bass: 100 Hz
Power Requirements	115/230 VAC, 50/60 Hz
Power Consumption	10 W
Dimensions (Width $\times$ Height $\times$ Depth)	16.93 $\times$ 3.43 $\times$ 11.81 inches; 430 $\times$ 87 $\times$ 300 mm
Weight	12.7 lbs; 5.76 kg

## Tuner Specifications:

### FM:

Tuning Frequency	87.5 MHz to 108 MHz
Usable Sensitivity (DIN)	Less than 1 $\mu$ v
Signal-To-Noise Ratio (A-weighted)	Better than 65 dB
Total Harmonic Distortion	0.3 percent
Frequency Response	50 Hz to 14,000 Hz
Stereo Separation	50 dB (1 kHz)

### AM:

Tuning Frequency Range	520 kHz to 1710 kHz
Usable Sensitivity	Less than 100 $\mu$ v
Signal-To-Noise Ratio	Better than 40 dB

# Inputs and Outputs

## Inputs:

Six RCA stereo analog audio
Three optical digital audio (SPDIF)
Three coaxial digital audio (SPDIF)
Three balanced XLR 1/4 inch phone combo microphone
Three balanced microphone Euro block
Three chime contacts Euro block
One night ringer contact Euro block
One AM/FM onboard tuner

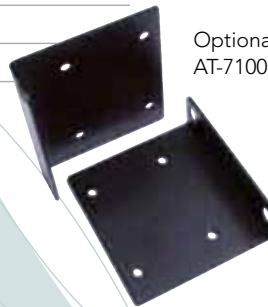
## Outputs:

Three balanced XLR switchable (line level +4 dBv or microphone level -50 dBv)
Three unbalanced RCA switchable (line level +4 dBv or microphone level -50 dBv)
Two unbalanced RCA record out L+R (-10 dBv)

Combine with  
AT-300 and  
AT-500

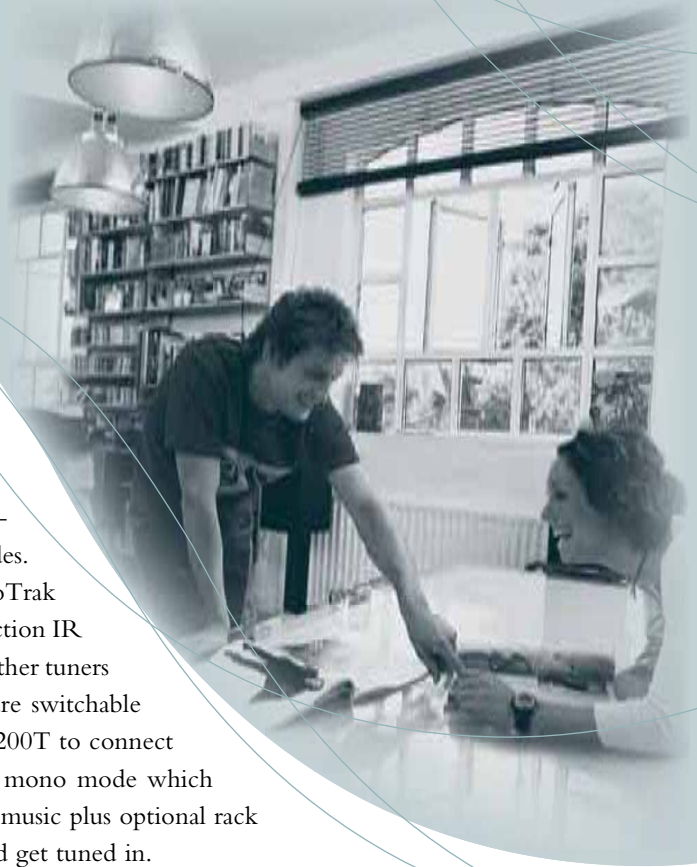


Optional  
AT-7100-RM Rack Kit.



## AT-2200T Professional Digital Tuner

The AudioTrak® AT-2200T tuner is the ultimate stereo tuner, with its large, easy-to-read vacuum florescent display, 40 AM/FM station presets plus auto-scan, scan search with auto-stop and manual scan modes. The AT-2200T is easy to use with the familiar AudioTrak one-knob complete system control and included full-function IR remote control. Some added features you won't find on other tuners are balanced XLR and unbalanced RCA outputs that are switchable from line level to microphone level, allowing the AT-2200T to connect to other audio systems. Contractors will appreciate the mono mode which provides up to four mono signals for zoned background music plus optional rack ears for standard rack mounting. Get the AT-2200T, and get tuned in.



### Features

- Full-function IR remote control
- MOH – Music-on-hold amplifier output with continuously variable level control
- Large vacuum florescent display
- 40-station pre-sets (10 AM plus 30 FM)
- Auto-scan mode
- Scan search with auto stop-mode
- Manual scan mode
- Front panel volume control
- Push/turn complete system control knob
- Toroidal power transformer
- Balanced XLR output left and right (+4 dBv line, -50 dBv mic)
- Unbalanced RCA output L+R (-10 dBv line)
- Gold output connectors
- Stereo mode XLR and RCA active
- Mono mode XLR and RCA active
- Optional rack ears: AT-7100-RM
- Standard 19-inch rack mountable chassis
- cTUVus listed

# Specifications

<b>AT-2200T</b>	
Rack Height	2 U
Power Source	115 V/230 VAC, 50/60 Hz
Power Consumption	10 W
Dimensions (Width × Height × Depth)	16.93 × 3.43 × 11.81 inches; 430 × 87 × 300 mm
Weight	9.2 lbs; 4.2 kg

### Tuner Specifications:

#### FM:

Tuning Frequency	87.5 MHz to 108 MHz
Usable Sensitivity (DIN)	Less than 1 uv
Signal-To-Noise Ratio (A-weighted)	Better than 65 dB
Total Harmonic Distortion	0.3 percent
Frequency Response	50 Hz to 14,000 Hz
Stereo Separation	50 dB, 1 kHz

#### AM:

Tuning Frequency Range	520 kHz to 1710 kHz
Usable Sensitivity	Less than 100 uv
Signal-To-Noise Ratio	Better than 40 dB

# Inputs and Outputs

### Inputs:

FM: Coaxial, 75 ohms

AM: Loop antenna

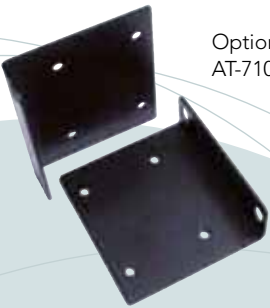
### Outputs:

Balanced XLR (+4 dBv line level) or switchable to (-50 dBv microphone level)

Unbalanced RCA (-10 dBv line level)

MOH – Music-on-hold output (max equals 1 watt at 8 ohms load continuously variable control); Euro block type removable connector

Optional  
AT-7100-RM Rack Kit.



## AT-300, AT-500 Professional Reference Amplifiers

The AT-300 and AT-500 stereo reference amplifiers are designed for the discerning listener that demands studio quality sound in their home or business.

Explosive power and extended frequency response assure that every watt is crystal-clear for crisp movie dialog, magnificent explosions and dynamic music. Mixing the most demanding music in your recording studio or watching the most action packed movie in your home theater, the AT-300 and AT-500 are your smart choice for unparalleled realism in audio reproduction.



### Features

- Silent convection cooling
- Scratch-resistant front panel
- Independent input volume controls
- Three-segment cool blue status LEDs
- Dual clip and protection LEDs
- Rear panel transport handles
- Balanced XLR and TRS inputs
- Unbalanced RCA inputs
- All-metal gold audiophile speaker terminals
- Stereo or bridge mono modes
- Soft start power on protection
- Selectable 115/230 V operation
- Heavy-duty rubber no-skid feet
- Optional AT-300-RM, AT-500-RM rack mount kit
- cUL and CE listed

# Specifications

	<b>AT-300</b>	<b>AT-500</b>
Rack Height	2 U	3 U
Continuous Average Output Power Per Channel	150 W at 4 ohms stereo mode 90 W at 8 ohms stereo mode 300 W at 8 ohms bridge mode	250 W at 4 ohms stereo mode 170 W at 8 ohms stereo mode 500 W at 8 ohms bridge mode
THD at Rated Power	0.0082 percent at 8 ohms stereo mode	0.01 percent at 8 ohms stereo mode
Frequency Response	17 Hz to 54 kHz $\pm$ 3 dB at rated power	17 Hz to 70 kHz $\pm$ 3 dB at rated power
Signal-To-Noise Ratio	103 dB at rated power	100 dB at rated power
Channel Separation	82 dB at rated power at 1 kHz	80 dB at rated power at 1 kHz
Input Sensitivity		
Low	0.3 V	0.3 V
High	1.16 V	1.12 V
Input Impedance		
Low	16 K ohms	16 K ohms
High	6 K ohms	6 K ohms
Damping Factor	100	100
Residual Noise	1.0 mV	1.0 mV
Circuit Protection	Over temp 158 °F; 70 °C, DC, short circuit	Over temp 158 °F; 70 °C, DC, short circuit
Power Requirements	115/230 VAC, 50/60 Hz	115/230 VAC, 50/60 Hz
Max Current Consumption	550 W at rated power	840 W at rated power
Weight	19 lbs; 8.6 kg	28.5 lbs; 13 kg
Dimensions (Width $\times$ Height $\times$ Depth)	17 $\times$ 3.88 $\times$ 11 inches; 432 $\times$ 98.5 $\times$ 279.5 mm	17 $\times$ 5.63 $\times$ 11 inches; 432 $\times$ 143 $\times$ 279.5 mm
Optional Rack Kit	AUD-300-RM	AUD-500-RM



Optional Rack Kit  
AT-300-RM,  
AT-500-RM

Combine with  
AT-2300P



## AT-6100 Professional Six Channel Amplifier

The possibilities are endless with the AT-6100 multi-configurable state-of-the-art amplifier. Explosive power and crystal-clear audio are combined to provide the most realistic listening experience imaginable.

The AT-6100 is one of the most versatile amplifiers on the market with six discrete channels that can be combined to produce twice the power, where you need it most.

The AT-6100 is designed to meet the demands of the recording studio with unique features such as silent switch channel mutes, pre-amp outputs and switchable high-pass filters on every channel. For live sound, 6.1 studio mixing or your home theater, the AT-6100 delivers unparalleled realism in audio reproduction.



### Features

- Compact 3 U rack height
- Silent convection cooling
- Six silent switch channel mutes
- Six independent input volume controls
- Six three-stage input LEDs
- Clip and protect LEDs
- State-of-the-art protection circuitry
- Power on/off reset circuit breaker
- Six XLR/TRS balanced combo inputs
- Six gold RCA inputs
- Six gold RCA pre-amp outputs
- Six switchable 400 Hz high-pass filters
- Selectable stereo, parallel mono and bridge mono operation (channel pairs)
- Heavy duty, all-metal, audiophile gold binding posts
- Dual A/C voltage selector
- Rear handles
- cTUVus listed
- Optional AT-6100-RM rack mount kit

# Specifications

## AT-6100

Rack Height	3 U
Continuous Average Output Power Per Channel	150 W at 4 ohms all channels driven 100 W at 8 ohms all channels driven 300 W at 8 ohms bridge mono
Frequency Response	5 Hz to 93 kHz $\pm$ 3 dB at rated power
Voltage Gain	37 dB
Input Clipping	1.9 V at 8 ohms balanced, 0.5 V at 8 ohms unbalanced 1.4 V at 4 ohms balanced, 0.4 V at 4 ohms unbalanced
Input Sensitivity	+4 dBv balanced, -10 dBv unbalanced
Input Impedance	6.2 K balanced, 17 K unbalanced
Damping Factor	Greater than 100 at 8 ohms
Signal-To-Noise Ratio	98 dB, 100 W at 8 ohms
Distortion	THD = 0.017 percent, 1 W at 8 ohms THD = 0.013 percent, 100 W at 8 ohms
Output Circuitry	OCL circuitry, class AB
Amplifier Protection	Over temperature 179.6 °F; 82 °C, DC voltage protection, speaker short protection
Power Requirements	115/230 VAC, 50/60 Hz
Current Consumption	Maximum 13 A at 4 ohms at rated power, all channels driven
Weight	30.09 lbs; 13.65 kg
Dimensions (Width $\times$ Height $\times$ Depth)	17 $\times$ 5.2 $\times$ 10.12 inches; 432 $\times$ 132 $\times$ 257 mm



Optional  
AT-6100-RM Rack Kit.

Combine with  
AT-7100P



## AT-800, AT-1400, AT-2500 Professional Stereo Power Amplifiers

AudioTrak® Professional Power Amplifiers are designed to meet the needs of touring sound professionals, musicians and contractors. The compact 2 U rack size and quality construction are the perfect combination of form and function delivering extremely high power in a manageable size.

Crystal-clear highs and deep punchy lows are the hallmark qualities of the AudioTrak Professional amplifier line. Take your sound to a higher level; the AT-800, AT-1400 and AT-2500 are the smart choice for your next job or event.



### Features

- 2 U rack height
- Heavy gauge steel chassis
- Dual push/pull ultra-quiet fans (AT-1400, AT-2500), single pull fan (AT-800)
- Dual (40 detent) stepped input volume controls
- Dual signal present and clip LEDs
- Detachable rack ears included
- XLR balanced inputs (locking)
- Rear chassis tabs for rear rack mounting
- 1/4 inch balanced TRS inputs
- Switchable 30 Hz high pass filter
- Switchable clip limiter
- 2-ohm stable, 4-ohm bridgeable
- Modes: stereo, bridge mono, parallel mono
- Heavy gauge output binding posts (direct wire in or banana jack)
- Speakon outputs (stereo, parallel mono out)
- Heavy-duty toroidal power transformer
- Multiple protection circuits (short, thermal, open, ultrasonic, RF, load mismatch, crowbar)
- Rear panel circuit breaker
- Blue power LED

# Specifications

	<b>AT-800</b>	<b>AT-1400</b>	<b>AT-2500</b>
Rack Height	2 U	2 U	2 U
Output Power (per channel times two)	480 W at 2 ohms 300 W at 4 ohms 205 W at 8 ohms	800 W at 2 ohms 450 W at 4 ohms 310 W at 8 ohms	1400 W at 2 ohms 750 W at 4 ohms 575 W at 8 ohms
Output Power (bridge mono)	560 W at 8 ohms 800 W at 4 ohms	900 W at 8 ohms 1400 W at 4 ohms	1500 W at 8 ohms 2500 W at 4 ohms
THD at Rated Power	0.03 percent	0.03 percent	0.03 percent
Input Sensitivity	1.15 V, +1.2 dBv	1.15 V, +1.2 dBv	1.15 V, +1.2 dBv
Input Impedance	10 K ohms unbalanced, 20 K ohms balanced		
Frequency Response	5 Hz to 50 kHz 10 dB below rated power 25 Hz to 25 kHz at rated power		
Voltage Gain	30 dB	32 dB	34 dB
Signal-To-Noise Ratio	100 dB	100 dB	100 dB
Channel Separation	Greater than 90 dB at 1 kHz	Greater than 90 dB at 1 kHz	Greater than 90 dB at 1 kHz
Damping Factor at 8 ohms	Greater than 300	Greater than 300	Greater than 300
Max Input Level	9.75 Vrms, +20 dBv	9.75 Vrms, +20 dBv	9.75 Vrms, +20 dBv
AC Power	120 VAC, 60 Hz	120 VAC, 60 Hz	120 VAC, 60 Hz
Max Current Consumption at Rated Power	7.0 A	10.6 A	17.2 A
Dimensions (Width × Height × Depth)	19.02 × 3.5 × 15.75 inches; 483 × 89 × 400 mm	19.02 × 3.5 × 15.75 inches; 483 × 89 × 400 mm	19.02 × 3.5 × 15.75 inches; 483 × 89 × 400 mm
Weight	31.25 lbs; 13.6 kg	33.32 lbs; 15.6 kg	41.8 lbs; 19 kg
Protection Circuits	Full short circuit, open circuit, thermal, ultrasonic, RF protection stable into reactive or mismatched loads, power on/off, muting, crowbar (rear panel circuit breaker)		



Rack Kit included.

Combine with  
EQ-215,  
EQ-131  
and EQ-231



## EQ-215, EQ-131, EQ-231 Professional Equalizers

AudioTrak® equalizers are the professional's choice for room or system tuning. Whether you're a performer, musician, studio engineer, live sound engineer or installation contractor, the EQ-215, EQ-131 and EQ-231 series of equalizers offer the precise control you need to get the job done.

Multiple input and output ports provide easy connection to any type of system integration. With constant Q circuitry and a selectable boost or cut range of 6 or 12 dB, AudioTrak equalizers carve out offending frequencies or sweeten your sound with their clean sonics and crystal-clear top end.



### Features

- EQ-215: dual 2/3 octave 15-band graphic equalizer
- EQ-131: single 1/3 octave 31-band graphic equalizer
- EQ-231: dual 1/3 octave 31-band graphic equalizer
- 15 or 31 smooth 20 mm frequency faders
- Input level adjustment per channel
- Cut or boost range  $\pm 6$  or 12 dB selectable
- 40 Hz switchable high-pass filter per channel
- 16 kHz switchable low-pass filter per channel
- Switchable by-pass per channel
- Power off audio pass through
- Clip LED
- Gold active balanced XLR inputs and outputs
- Active balanced TRS inputs and outputs
- Active unbalanced RCA inputs and outputs
- Ground lift switch
- 19-inch rack kit included
- cTUVus listed

# Specifications

	<b>EQ-215</b>	<b>EQ-131</b>	<b>EQ-231</b>
Rack Height	1 U	1 U	2 U
Type	Two 15-band	One 31-band	Two 31-band
Octaves	2/3 octave	1/3 octave	1/3 octave
Fader Travel	0.79 inch; 20 mm	0.79 inch; 20 mm	0.79 inch; 20 mm
Range	±6 or 12 dB	±6 or 12 dB	±6 or 12 dB
Inputs/Outputs	XLR, TRS, RCA	XLR, TRS, RCA	XLR, TRS, RCA
Input Impedance	20 K ohms balanced 15 K ohms unbalanced	20 K ohms balanced 15 K ohms unbalanced	20 K ohms balanced 15 K ohms unbalanced
Max Input Level	+16 dBv	+16 dBv	+16 dBv
Output Impedance	Less than 600 ohms	Less than 600 ohms	Less than 600 ohms
Max Output Level	+16 dBv	+16 dBv	+16 dBv
Load Impedance	Greater than 10 K ohms	Greater than 10 K ohms	Greater than 10 K ohms
High Pass Filter	40 Hz, 12 dB per octave	40 Hz, 12 dB per octave	40 Hz, 12 dB per octave
Low Pass Filter	16 kHz, 12 dB per octave	16 kHz, 12 dB per octave	16 kHz, 12 dB per octave
Frequency Response	20 Hz to 50 kHz	20 Hz to 50 kHz	20 Hz to 50 kHz
THD + Noise	0.02 percent	0.02 percent	0.02 percent
Signal-To-Noise Ratio	93 dB	93 dB	93 dB
A/C power	115 VAC	115 VAC	115 VAC
Power Consumption	9 W	7 W	12.5 W
Dimensions (Width × Height × Depth)	18.9 × 1.73 × 8.66 inches; 480 × 44 × 220 mm	18.9 × 1.73 × 8.66 inches; 480 × 44 × 220 mm	18.9 × 3.46 × 8.66 inches; 480 × 88 × 220 mm
Weight	14.8 lbs; 6.7 kg	14.8 lbs; 6.7 kg	19.6 lbs; 8.9 kg



Combine with  
AT-800,  
AT-1400  
and AT-2500



EQ-215



EQ-231

## AT-MIX602 Six Channel Ultra-Low Noise Mixer

The AT-MIX602 is the little mixer that could. Don't let the size fool you, the AT-MIX602 is built like a little tank with features usually found on much larger mixers. Two professional quality mic pre-amps with switchable phantom power, two stereo inputs plus a tape input and balanced main outputs with insert jacks for easy connection to outboard processors. High-pass filters on the microphone inputs plus three band equalization on all the input channels. The versatility of the AT-MIX602 and ultra-quiet design, make it a smart choice for DVR recording, live sound, high quality microphone paging or any audio mixing chore you throw at it.



### Features

- Ultra-quiet, low-noise design
- 100 Hz high-pass filters (mic channels)
- Switchable phantom power
- Three-band equalizer (input channels)
- Effect send with stereo effect return
- Monitor send (input channels)
- Two stereo input channels
- Panoramic left and right control (input channels)
- Tape input
- Separate stereo tape record output
- Balanced main stereo outputs with inserts
- Control room outputs with independent volume
- Headphone output jack with independent volume
- Ten-segment LED output display
- Built-in power supply
- Rugged, steel chassis
- ETL us and CE listed conforms to UL STD 6500

# Specifications

## AT-MIX602

### Input Specifications:

Microphone	Balanced XLR, -60 dBv
Line	Balanced TRS, +4 dBv
Band Width	20 Hz to 20 kHz less than $\pm 0.5$ dB, 10 Hz to 50 kHz less than $\pm 3$ dB
Phantom Power	48 V
THD + Noise	0.05 percent at 20 Hz to 20 kHz
Gain Trim	40 dB
Equivalent Input Noise	-124 dB
EQ High	10 kHz less than $\pm 15$ dB
Mid	2.7 kHz less than $\pm 15$ dB
Low	100 Hz less than $\pm 15$ dB
Low Cut Filter	100 Hz, -12 dB/octave
Effects Return	Unbalanced TRS
Tape Input	Unbalanced stereo RCA

### Output Specifications:

Main Output L/R	Balanced TRS
Max Output	+20 dBv
Band Width	20 Hz to 20 kHz less than $\pm 0.5$ dB, 10 Hz to 20 kHz less than $\pm 3$ dB
THD + Noise	0.05 percent 20 Hz to 20 kHz
Control Room Out Max Output	Unbalanced TRS +20 dBv
Monitor Output Max Output	Unbalanced TRS +20 dBv
Tape Output	Unbalanced stereo RCA
Power Requirements	115/230 VAC, 50/60 Hz, 25 VA
Size (Width $\times$ Height $\times$ Depth)	8.46 $\times$ 10.63 $\times$ 3.35 inches; 215 $\times$ 270 $\times$ 85 mm
Weight	8.16 lbs; 3.7 kg



Built-in power supply, no wallwart.

Combine with  
AT-800,  
AT-1400  
and AT-2500



## Professional Series P.A. Speakers

The AudioTrak® Professional Series loudspeakers are designed for high fidelity sound reproduction. Innovative technology and engineering come together providing an extremely rigid trapezoidal cabinet that is stronger and lighter than standard PA cabinets. Extra heavy-duty eminence woofers and compression drivers with replaceable diaphragms are standard.

The trapezoidal cabinet is perfect for cluster mounting with optimum dispersion angles pre-calculated. Flyable, hangable, stackable and pole mountable with 1 3/8 inch cups included. The ARM-112V-1 is one of the most versatile cabinets with 30 and 60-degree wedge angles for floor monitoring and pole mounting for front of house applications.

All cabinets are finished in tough black carpet with metal corners, rubber no-skid feet and deep cup handles on the TRAP115H-S1-SW.

The combination of being both rock-solid and reliable, put AudioTrak P.A. speakers ahead of other systems in the same price range.



# Specifications

	<b>TRAP110H-1-SW</b>	<b>ARM-112V-1</b>	<b>TRAP115H-S1-SW</b>
Speaker Type	Pulp fiber cone	Pulp fiber cone	Pulp fiber cone
Size	10 inches; 254 mm	12 inches; 305 mm	15 inches; 381 mm
VC	2 inches; 51 mm	2 inches; 51 mm	2.52 inches; 64 mm
Horn	4.02 × 10 inches; 102 × 254 mm	4.02 × 10 inches; 102 × 254 mm	4.02 × 10 inches; 102 × 254 mm
Materials	Metal compression driver with replaceable diaphragm	Metal diffraction horn with replaceable diaphragm	Metal compression driver with replaceable diaphragm
Horn Dispersion	100 × 80 degrees	100 × 80 degrees	100 × 80 degrees
Power RMS	120 W	140 W	250 W
Program	240 W	280 W	500 W
Impedance	8 ohms	8 ohms	8 ohms
Frequency Response	60 Hz to 16 kHz	50 Hz to 16 kHz	50 Hz to 16 kHz
Floor Mounting Angles		30 or 60 degrees	
Input Jacks	Parallel 1/4 inch	Parallel 1/4 inch	Parallel 1/4 inch
Dimensions (Width × Height × Depth)	15.25 × 17.48 × 14.25 inches; 387 × 444 × 362 mm	22.48 × 17.48 × 15 inches; 571 × 444 × 381 mm	20.75 × 23.5 × 18.23 inches; 527 × 597 × 463 mm
Sensitivity	101 dB, 1 W, 1 M	100 dB, 1 W, 1 M	101 dB, 1 W, 1 M
Weight	36 lbs; 16.3 kg	40 lbs; 18.1 kg	53 lbs; 24 kg



Pole mount included, optional stand.



Heavy-duty rubber feet.



Combine with AT-800, AT-1400 and AT-2500



Deep cup handles.

## AudioTrak® Accessories

### Volume Controls

AudioTrak Professional series volume controls are made with high quality audio transformers providing the advantages of excellent frequency response and ultra-low insertion loss, reliable performance and high power handling.

Aesthetically pleasing decora design and crystal-clear sound quality. Use the VC-1 on a single speaker pair or in combination with an AudioTrak impedance matching speaker selector for multiple pairs.

The UVC-1 can be used with multiple speaker pairs as an autoformer impedance matching device. A speaker selector is not needed.



### AT-CABLETESTER

The AudioTrak AT-CABLETESTER is designed to make life easier for installation professionals, musicians, studio engineers and anyone that uses audio cables for fun or for profit.

The AT-CABLETESTER tests nine different cable types in addition to providing two test tones and three output level modes. Included is an LED pin indicator that displays pin numbers that are crossed, not connected or shorted. The AT-CABLETESTER operates on two AA batteries and its sturdy all-metal construction is built to last. Save time and money; test before you trust.



### AT-PB108

The AT-PB108 power module is a rack mountable, one in, eight out, power strip that will sequence power to each outlet with a two-second delay or deliver AC to all outputs simultaneously and power down with or without delay.

The obvious advantage is to eliminate speaker damage and pops when powering audio systems, although the AT-PB108 is useful in any system where automatic power sequencing is necessary.

The AT-PB108 provides an LED on/off power indicator for each AC outlet and a digital voltage level indicator for constant system status in addition to pull-out light modules to illuminate your equipment in low-light conditions. The AT-PB108 is the ultimate accessory for your prized audio system or a must have for every audio rack.



## Volume Controls

	VC-1	UVC-1	WPAB
Watts Per Channel	200 W RMS	200 W RMS	250 W RMS
Attenuation Steps	10	12	On/off
Insertion Loss	0.5 dB	0.5 dB	0.0 dB
Max Pairs 8-ohm Speakers Impedance Match	1-pair	16-pair 4 ohms amplifier load 8-pair 8 ohms amplifier load	2-pair rocker A/B switch
Color	White	White	White
Dimensions (Width × Height × Depth)	1.6 × 4.13 × 3.15 inches; 41 × 105 × 80 mm	2.76 × 4.48 × 3.27 inches; 70 × 114 × 83 mm	1.6 × 4.13 × 1.25 inches; 41 × 105 × 31.75 mm
Electrical Box	Single gang	Single gang	Single gang



## AT-CABLETESTER

AT-CABLETESTER will test the following cables:

1. XLR
2. 1/4 inch (phone)
3. TT (tiny telephone)
4. Speakon (2 to 4 pole speaker cables)
5. RCA
6. 1/8 inch (stereo)
7. RJ45 (Cat 5)
8. Midi (5-pin)
9. Tube Microphone (7-pin)

Output level modes:  
+4 dBv, -10 dBv, -50 dBv

Test tone frequencies:  
1 kHz, 440 Hz

Power operation:  
2 AA batteries



## AT-PB108

Power Supply	120 V, 60 Hz
Output	120 V, 60 Hz
Fuse	120 V, T1AL
Operating Temperature	14 °F to 95 °F; -10 °C to +35 °C
Inputs	1 AC
Outputs	8 AC
Dimensions (Width × Height × Depth)	17.25 × 1.75 × 10.86 inches 438.2 × 44.5 × 275.8 mm
Weight	10.6 lbs; 4.8 kg

- Heavy-duty steel chassis
- Detachable rack ears included
- 1 AC input, 8 AC outlets
- Switchable sequential power up/down (2-second delay)
- Digital voltage level indicator
- Pull-out light modules
- Eight on/off status LEDs



# Audio Connectors and Accessories

## Audiophile Gold Plated Residential Audio Connectors and Wall Plates

### Banana Connectors



**BPR red**  
All-metal amplifier outputs, speaker inputs



**BPB black**



**6034-GR red**  
Amplifier outputs, speaker inputs



**BPPR red**  
Metal core plastic barrel, amplifier outputs, speaker inputs



**BPPB black**



**6034-GB black**  
Amplifier outputs, speaker inputs

### RCA Wall Mounts



**CON-RR red**  
Unbalanced audio CD/tape/tuner/DVD/video



**CON-RB black**



**CON-RY yellow**



**CON-RBL blue**



**CON-RG green**

### RCA Cord Mounts



**6143-R red**  
Any unbalanced connection CD/tape/tuner/DVD/video



**6143-B black**

### Wall Mount F Connectors



**CON-FR RCA**  
Video cablevision, coaxial  
(also available in CON-FRB black, CON-FRW white, CON-FRBL blue, CON-FRG green, CON-FRR red and CON-FRY yellow)



**CON-F screw on**

### Wall Mount Connector Plates



**DBP - 1/8**  
White or black 1-8 holes



**DCP - 1**  
White cover plate

### Binding Posts



**CON-BPR red**  
Wire-in or accepts banana jack, wall plate amplifier to speaker

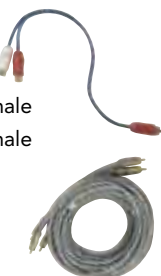


**CON-BPB black**

### High End Cable Connectors

**M1-YFMM-Bulk** High quality RCA female to 2RCA male  
**M1-YMFF-Bulk** High quality RCA male to 2RCA female

**MCV-1m-Bulk** Component video cable RGB - 1 m  
**MCV-4m-Bulk** Component video cable RGB - 4 m



**MCI-0.5m-Bulk** High quality RCA to RCA - 0.5 m  
**MCI-1m-Bulk** High quality RCA to RCA - 1 m  
**MCI-2m-Bulk** High quality RCA to RCA - 2 m  
**MCI-6m-Bulk** High quality RCA to RCA - 6 m  
**MCI-10m-Bulk** High quality RCA to RCA - 10 m



## Decora Residential Audio Pre-Made Wall Plates



**WP1BP**  
Single-pair binding posts/speaker



**WP2BP**  
Two-pair binding posts/speaker



**WP4BP**  
Four-pair binding posts/speaker



**WP 1/4**  
1/4 inch phono female/stereo/bal



**WPXLR**  
3-pin XLR female/bal



**WP1F**  
Single "F" connector



**WP2F**  
Double "F" connector



**WP3R**  
Triple RCA female yellow/red/white



**WP3R1F**  
Triple RCA female & single "F" female



**WP3C**  
Triple RCA female red/green/blue



**WPAB**  
A-B selector module for amp or speaker

## RCA "Y" Cable and Adapters



**A500**  
Female to dual male



**A501**  
Male to dual male



**A502**  
Male to dual female



**A506-6**  
Male to male 6 foot L & R



**A255**  
RCA female to 1/8 inch mini



**A256**  
Female RCA 1/4 inch to male adapter



**A256 G**  
Gold female RCA to 1/4 inch male adapter



**A257**  
RCA female to RCA female



**A261**  
Female 1/4 inch to male stereo 1/8 inch

## Best Quality Install Speaker Wire

- 92214-21 Microphone wire 22-AWG 2 cond shielded FT4 – 300 m box
- 9182B-21 Speaker wire 18-AWG 2 cond FT4 – 305 m box
- 92234-21 Speaker wire 18-AWG 2 cond shielded FT4 – 300 m box
- 9162B-21 Speaker wire 16-AWG 2 cond FT4 – 300 m box
- 9164B-18 Speaker wire 16-AWG 4 cond FT4 – 150 m box

- 9142B-18 Speaker wire 14-AWG 2 cond FT4 – 152 m roll
- 9144B-15 Speaker wire 14-AWG 4 cond FT4 – 75 m roll
- 9122B Speaker wire 12-AWG 2 cond FT4 – 75 m roll





AUDIOTRAK®