

AT-320/340/360 Mixer Amplifiers

The AT-300 series of commercial amplifiers offer three mixable inputs plus an adjustable transformer isolated telephone input for direct tel paging in 20/40 and 60-watt sizes. All AudioTrak Commercial amplifiers include switchable microphone phantom power, two-band tone control, pre-amp line level outputs for connections to multiple amplifiers, in addition to standard chime and mic/tel override. Solid construction and proven reliability are the hallmarks of the AudioTrak amplifier line. Backed with a three-year warranty and system design technical support, AudioTrak is the contractor's preference for robust, clean power amplification.



Features

- 20, 40 or 60 watts output power
- Three mixable inputs (Mic 1, Mic 2, Aux/CD)
- Telephone paging input (adjustable)
- VOX mute on telephone and Mic 1 inputs
- Pre-announce chime
- Phantom power (with on/off switch)
- Separate bass and treble controls
- 115/230 VAC input (selectable)
- 12 VDC input (AT-320/340), 24 VDC input (AT-360)
- Mono 8-ohm, 25/70/100-volt speaker outputs
- Line level output
- Optional (two space) rack mount kit (320-RM)

Specifications

	AT-320	AT-340	AT-360
Output Power (RMS)	20 watts	40 watts	60 watts
Frequency Response	60 Hz to 15 kHz		
Total Harmonic Distortion	< 1 percent at 1 kHz at full rated power		
Signal to Noise	> 60 dB	> 60 dB	> 60 dB
Inputs- Microphones (2)	1 mV, 250 ohms balanced, screw terminal with selectable phantom power		
Input-Aux/CD	200 mV or 500 mV, 47 K ohms, unbal, dual RCA		
Input- Telephone	0.1 to 1 V, 600 ohms, balanced, screw terminal		
Speaker Outputs	8 ohms, 25 / 70 or 100 volts		
Line Level Output	1 volt, 600 ohms		
Power Requirements AC	115 volts / 230 volts, 50 / 60 Hz switchable		
AC Power Consumption	60 watts	100 watts	170 watts
Optional DC Power Requirement	12 volts	12 volts	24 volts
DC Power Consumption	3 amps	5 amps	5 amps
Dimensions (H x W x D)	3.5 x 10.75 x 11.75 inches; 89 x 273 x 298 mm		
Shipping Weight	12 lbs; 5.5 kg	16 lbs; 7.3 kg	19 lbs; 8.6 kg
Accessories	2 U rack mount kit (Model AT-320RM)		



AT-360

Architectural and Engineering Specifications

The public address amplifier shall be an AudioTrak AT-320/AT-340/AT-360 or approved equivalent, with a full power rating of 20 watts AT-320, 40 watts AT-340 or 60 watts AT-360.

The frequency response shall be 60 Hz to 15 kHz, with less than 1 percent distortion at full rated power. Input sensitivity shall be 1 mV, 250 ohms for low impedance balanced microphones, 200 mV or 500 mV, at 47 K ohms unbalanced for auxiliary input and 0.1 to 1 V, 600 ohms balanced for the telephone input. Independent volume controls shall be provided for all inputs and bass and treble controls shall be provided on the front panel. The amplifier shall provide simultaneous mixing of two low-impedance balanced microphones, one auxiliary input and one telephone input. Optional phantom power shall be built-in with on/off switch provided on rear panel. Mute on/off switch on rear panel shall be provided on Mic 1. Auxiliary input shall have rear-mounted switch, to allow selection of proper sensitivity. Telephone input shall be transformer isolated, with adjustable gain control located on rear panel and provide signal-activated paging with muting of all other inputs. An optional pre-announce chime terminal shall be provided on the rear panel. The amplifier shall provide two line level out terminals for connection of additional amplifiers. It shall provide output impedances of 8 ohms as well as 25, 70 and 100 volts for use in constant voltage systems. The amplifier shall be powered by 115 VAC at 50 Hz or 230 VAC at 60 Hz with a selectable switch provided on the rear panel. In addition a 12 VDC power terminal (24 VDC on AT-360) shall be provided for mobile or emergency operation. The amplifier shall be mountable in a standard 19-inch rack, using the optional rack mount kit (AudioTrak model 320-RM). Dimensions shall be (W x H x D), 10.75 x 3.5 x 11.75 inches; 273 x 89 x 298.5 mm. Shipping weight shall be AT-320: 12 lbs; 5.44 kg, AT-340: 16 lbs; 7.26 kg or AT-360: 19 lbs; 8.62 kg.

AT-560/5120 Mixer Amplifier

The AT-500 series Commercial amplifiers offer five mixable inputs plus an adjustable transformer isolated telephone input for direct tel paging in 60 and 120-watt sizes. All AudioTrak Commercial amplifiers include switchable microphone phantom power, two-band tone control, pre-amp line level outputs for connection to multiple amplifiers in addition to standard chime and mic/tel override. Solid construction and proven reliability are the hallmarks of the AudioTrak amplifier line. Backed with an three-year warranty and system design technical support, AudioTrak is the contractor's choice for robust, clean power amplification.



Features

- 60 or 120 watts output power
- 5 mixable inputs (Mic 1, 2, 3, aux 1, aux 2/CD)
- Telephone paging input (adjustable)
- VOX mute on telephone and Mic 1 inputs
- Pre-announce chime
- Phantom power (with on/off switch)
- Master volume, bass and treble controls
- 115 / 230 VAC input (selectable)
- 24 VDC input
- Mono 8-watt, 25 / 70 / 100-volt speaker outputs
- Line level output
- Effects Link
- Optional 3 XLR type Mic input module (AT-3XLR)
- Optional (2 space) rack mount kit (560-RM)

Specifications

	AT-560	AT-5120
Output Power (RMS)	60 watts	120 watts
Frequency Response	60 Hz to 15 kHz	60 Hz to 15 kHz
Total Harmonic Distortion	< 1 percent at 1 kHz at full rated power	
Signal to Noise	> 60 dB	> 60 dB
Inputs-Microphones (3)	1 mV, 250 ohms balanced, screw terminal with selectable phantom power	
Input-Aux	200 mV, 47 K ohms, unbal, dual RCA	
Input-Aux/CD	200 mV or 500 mV, 47 K ohms, unbal, dual RCA	
Input-Telephone	0.1 to 1 volt, 600 ohms, balanced, screw terminal	
Speaker Outputs	8 ohms, 25 / 70 / 100-volt	
Line Level Output	1 volt, 600 ohms	
Power Requirements AC	1150 / 230-volt, 50 / 60 Hz switchable	
AC Power Consumption	170 watts	360 watts
Optional DC Power Requirement	24 volts	24 volts
DC Power Consumption	4 amps	8 amps
Dimensions (H x W x D)	3.5 x 17 x 10.25 inches; 89 x 423 x 260 mm	
Shipping Weight	21 lbs; 9.5 kg	24 lbs; 10.9 kg

Architectural and Engineering Specifications

The public address amplifier shall be an AudioTrak AT-560/5120, or approved equivalent, with a full power rating of 60 watts AT-560 or 120 watts AT-5120. The frequency response shall be 60 Hz to 15 kHz, with less than 1 percent distortion at full rated power. Input sensitivity shall be 1 mV, 250 ohms for low impedance balanced microphones, 200 mV or 500 mV, at 47K ohms unbalanced for auxiliary input and 0.1 to 1 volt, 600 ohms balanced for the telephone input. A master volume control and independent volume controls shall be provided for all inputs on the front panel. Separate bass and treble controls shall be provided on the front panel. The amplifier shall provide simultaneous mixing of three low-impedance balanced microphones, two auxiliary inputs and one telephone input. Optional phantom power shall be built-in with on/off switch provided on rear panel. Mute on/off switch on rear panel shall be provided for Mic 1. The second auxiliary input shall have a rear-mounted switch to allow selection of proper input sensitivity between 200 mV and 500 mV at 47K ohms.

Telephone input shall be transformer isolated, with adjustable gain control located on rear panel and provide signal-activated paging with muting of all other inputs. An optional pre-announce chime terminal shall be provided on the rear panel. The amplifier shall provide two line level out terminals for connection of additional amplifiers. It shall provide output impedances of 8 ohms as well as 25, 70 and 100 volts for use in constant voltage systems. The amplifier shall be powered by 115 VAC at 50 Hz or 230 VAC at 60 Hz with a selectable switch provided on the rear panel. In addition a 24 VDC power terminal shall be provided for mobile or emergency operation. The amplifier shall be mountable in a standard 19-inch rack, using the optional rack mount kit (AudioTrak model 560-RM). The three microphone inputs shall be easily changed to XLR type with the optional "AT" model AT-3XLR. Dimensions shall be (H x W x D), 3.25 x 17 x 10.25 inches; 89 x 423 x 260 mm. Shipping weight shall be AT-560: 21 lbs; 9.53 kg or AT-5120: 24lbs; 10.89 kg.



AT-5120



AT-1240/AT-1360 Commercial Power Amplifiers

The AT-1240/AT-1360 are highly reliable voice paging and background music power amplifiers designed specifically for contractors. These amplifiers feature heavy-duty 3 U rack mount chassis, dual cooling fans and toroidal power transformers with speaker outputs for 70/100-volt and 4 ohms. Flexible input configurations and 115/230-volt AC or 24-volt DC operation. Rear panel input gain control for tamper-resistant operation and field replaceable back panel DC protection fuse, make the AT-1240/1360 the contractor's solution for permanent sound system installations.



Features

- Signal present, peak and protect LEDs
- Dual ultra-quiet fans
- Selectable 115/230 VAC operation
- Selectable 24 VDC operation
- 240-watt (AT-1240) or 360-watt (AT-1360) output power
- Dual XLR/TRS balanced combo input connectors
- Dual RCA unbalanced input/pre-amp output connectors
- Mixable inputs
- Rear panel tamper-resistant input volume control
- 4-ohm, 70/100-volt speaker outputs
- CE and cTUVus listed

Specifications

	AT-1240	AT-1360
Rack Height	3 U	3 U
Output Power	240 watts continuous	360 watts continuous
Frequency Response	50 Hz to 20 kHz ± 3 dB	50 Hz to 20 kHz ± 3 dB
Total Harmonic Distortion	< 1 percent	< 1 percent
Signal to Noise	> 70 dB	> 70 dB Ratio
Input Sensitivity Balanced	1 volt; 0 dBV	1 volt; 0 dBV
Input Impedance Bal/Unbal	1.4 volts (± 3 dBV) 10 K ohms	1.4 volts (± 3 dBV) 10 K ohms
Pre-amp Output RCA	10 K ohms	10 K ohms
Speaker Outputs	70 / 100 volts, 4 ohms	70 / 100 volts, 4 ohms
Power Requirements	115 / 230 VAC	115 / 230 VAC
Power consumption	486 watts	742 watts
Optional DC power	24 volts	24 volts
Dimensions (H x W x D)	6.94 x 19 x 14.56 inches; 176 x 478 x 370 mm	6.94 x 19 x 14.56 inches; 176 x 478 x 370 mm
Weight	35.29 lbs; 16.01 kg	38.29 lbs; 17.37 kg
Approvals	cTUVus/CE	cTUVus/CE

Architectural and Engineering Specifications

The public address amplifier shall be an AudioTrak model AT-1240/AT-1360, or approved equivalent, with a full power rating of 240 watts AT-1240 or 360 watts AT-1360. The frequency response shall be 50 Hz to 20 kHz ± 3 dB with less than 1 percent total harmonic distortion at full power. Input sensitivity shall be 1 volt (0 dBV) 10 K ohm impedance for the dual balanced XLR/TRS combination inputs and 1.4 volts (± 3 dBV) 10 K ohms impedance for the dual RCA unbalanced inputs. A rear panel input volume control shall be provided. The amplifier shall provide simultaneous mixing of all input jacks and provide an unbalanced pre-amp output on one or both RCA jacks with an output level of 1 volt and an impedance of 600 ohms. Output terminals shall be provided on cover plate protected screw terminals for 4-ohm 70/100 volts. Dual AC voltage selector for 115/230 VAC shall be provided with a security cover plate on the amplifier rear panel. A field replaceable DC protection fuse socket shall be provided on the amplifier back panel. The amplifier shall be rack mountable or tabletop with rubber no-skid feet attached to the bottom of the amplifier. The amplifier front panel shall provide a nine segment LED output ladder in addition to signal present, peak and protection LEDs. The amplifier dimensions shall be (W x D x H), 18.82 x 14.57 x 6.93 inches; 478 x 370 x 176 mm. Weight shall be AT-1240: 35.29 lbs; 16.01 kg, AT-1360: 38.29 lbs; 17.37 kg.



AT-1360



AT-6100M Six-zone Microphone and Control Module

The AT-6100M is a hassle-free plug and play system that can be used with any audio amplifier to produce crystal-clear paging and background music for one to six zones.

The ergonomic microphone base provides global control of microphone volume and background music with large finger sized buttons for zone selection, all zone call and latching talk button. Installing and operating a multi-zone paging system has never been easier. Special attention has been paid in designing the AT-6100M to blend seamlessly into your environment and be very simple to operate, while providing the features you need to get the job done.



Add the AT-6100 amplifier and AT-6100T transformers for a complete 6-zone background music paging system.

Features

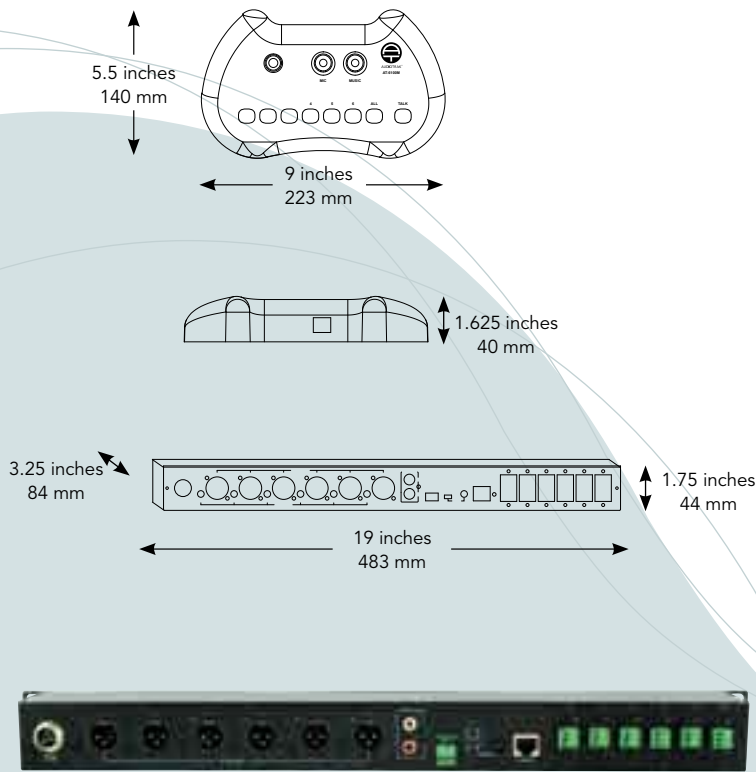
- Page up to six zones from a single 70-volt amplifier
- Page up to six zones using multiple 70-volt amplifiers with background music
- Premium condenser microphone 133 dB max SPL
- Ergonomic microphone base with latching talk, all-call and six-zone control
- Operator background music and microphone level controls
- Automatic override in selected zones
- Independent BGM level control in each zone
- Microphone connects to the included control module with a single shielded Cat5 cable
- Six balanced XLR outputs +4 dBv
- Six relays (5 amperes form "C").
- Switchable chime with level control
- Complete system includes microphone base station, rack mount control module, power supply and under table mounting arms

Specifications

Microphone	
Type	Condenser 16-inch goose-neck
Pattern	Uni-directional
Impedance	1800 ohms
Frequency Response	50 Hz to 18 kHz ± 5 dB
Sensitivity	-56 dB ± 3 dB at 1 kHz
Maximum Input	133 dB SPL
Control Module	
Power Consumption	120 VAC, 60 Hz, 12 watts (with supplied external power supply)
Relay Contact Ratings	5 A/250 VAC, 5 A/30 VDC
Output Level	+4 dBV
Output Impedance	200 ohms
Music Input Level	-10 dBV
Input Impedance	1.5 k ohms at 1 kHz
Balanced Output Level	+4 dBV
Impedance	200 ohms
Frequency Response	20 Hz to 20 kHz ± 3 dB
Signal-to-Noise Ratio	91 dB A-weighted
Shipping Weight	11.8 lbs; 5.35 kg

Architectural and Engineering Specifications

The multi-zone paging system shall be an AudioTrak Model 6100M, or approved equivalent. The 16-inch uni-directional condenser microphone shall have a frequency response of 50 Hz to 18 kHz and impedance of 1800 ohms. The microphone sensitivity shall be -56 dB ± 3 dB at 1 kHz and have a maximum SPL of 133 dB and will be supplied with two foam wind socks. The microphone base station shall provide six zone buttons plus an all-call and latching talk button. All buttons shall be LED illuminated. The microphone base station shall provide global microphone and background music level potentiometers. The microphone base station shall connect to the control module with a single shielded category 5 or equivalent cable and an RJ45 output shall be provided to connect the microphone base station to the control module. The system shall provide a rack mountable control module which will provide six balanced XLR outputs with an output level of +4 dBv and an output impedance of 200 ohms. Independent volume controls shall be provided for background music levels adjusting the background music level from fully off to fully on. The base station shall provide a background music input on stereo RCA jacks with an input level of -10 dBv and an input impedance of 1.5 K ohms at 1 kHz. A balanced output shall be provided for the microphone output on a Euro Block style connector with an output level of +4 dBv and an impedance of 200 ohms with a frequency response of 20 Hz to 20 kHz ± 3 dB. A switchable chime shall be provided with level control. An RJ45 input shall be provided to connect to the microphone base station. Six relay contacts shall be provided with a rating of 5 A/250 VAC, 5 A/30 VDC and shall activate when the corresponding zone button is pressed in conjunction with the talk button. The AT-6100M shall be powered by 115 VAC at 60 Hz external UL approved power supply with a total power consumption of 12 watts. Dimensions shall be (W x H x D) microphone base station: 9 x 1.625 x 5.5 inches; 223 x 40 x 140 mm, control module: 19 x 1.75 x 3.25 inches; 483 x 44 x 84 mm. Shipping weight shall be 11.8 lbs; 5.35 kg. The six-zone microphone paging system shall be the AT-6100M.



AT-6100M

AT-PM Paging Microphone

The AT-PM is a paging microphone constructed of the finest components that will stand up to years of commercial use. It has been designed to be aesthetically pleasing and unobtrusive to blend into any environment. Special attention has been paid to the gooseneck construction to eliminate sagging and connection failures. The ultra-stiff gooseneck and microphone assembly are bolted to the base using a 0.5-inch threaded bolt assembly which eliminates the connector and ensures long-term reliability. A large push-to-talk bar and "ON" status LED is included. The AT-PM provides a form "C" contact inside the mic base that will trigger relays and provide dry contact closure for use with external devices. Trust the AT-PM for your next quality installation.



Add any high-quality AudioTrak amplifier for a complete paging system.

Features

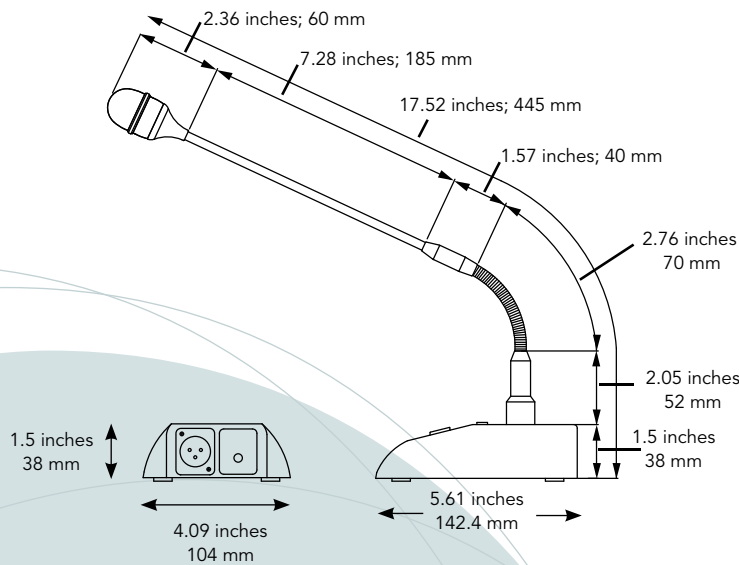
- 16-inch dynamic moving coil gooseneck microphone
- Cardioid polar pattern
- Adjustable long life gooseneck
- Wind sock included
- Heavy-duty cast-iron base
- XLR balanced output jack
- Wide latching push to talk bar
- Also available in non-latching momentary AT-PM-NL
- LED on indicator light (uses phantom power)
- Mic is permanently attached to base (eliminates contact failure)
- Frequency response is optimized for voice
- Internal form "C" contact for relay triggers
- Non-skid rubber feet
- Ebony non-glare finish
- Removable steel bottom cover

Specifications

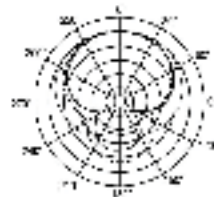
AT-PM	
Type	Moving coil dynamic
Polar Pattern	Cardioid
Frequency Response	150 Hz to 13 kHz
Sensitivity	-58 dB \pm 3 dB
Impedance	600 ohms balanced
Connector	3-pin XLR/M type
Net Weight	31.2 oz; 1.1 kg
Non-Latching Model	AT-PM-NL

Architectural and Engineering Specifications

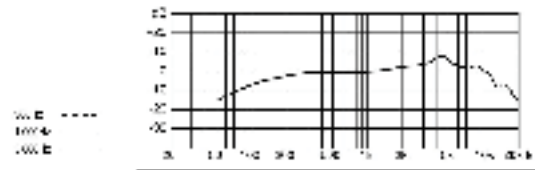
The microphone shall be an AudioTrak AT-PM. The microphone shall be a 16-inch; 406.4 mm gooseneck type with a 1 inch; 25.4 mm dynamic cardioid element. The microphone frequency response shall be 150 Hz to 13,000 Hz and optimized for speech reproduction with a sensitivity of -58 dB \pm 3 dB (0 dB = 1V/1 Pa at 1 kHz). The microphone impedance shall be 600 ohms (Balanced). The microphone shall offer an internal pop shield and suspension mount. The gooseneck microphone shall be attached to the metal microphone base with a bolt system that eliminates the connector. The microphone base shall be constructed of metal and provide a latching or non-latching/momentary push to talk bar and "ON" status LED powered by 9 to 48 volts phantom power. The microphone base shall also provide a form "C" contact and a balanced XLR output connector. The microphone and base shall be finished in non-glare ebony and shall provide four rubber non-skid feet. The net weight of the microphone shall be 31.2 oz; 1.1 kg.



Polar Pattern



Frequency Response



AT-6100 Series Six-zone Paging and Background Music System



AT-6100M



AT-6100LINK



AT-6100



AT-6100T



AT-6100RP



PF-65TVH

SIX ZONES, ONE SYSTEM!

www.audiotrak.com



COMMERCIAL

Specifications



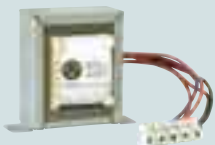
AT-6100M: complete six-zone microphone. Includes microphone, base, rack mount control module, power supply and mounting brackets. Six balanced XLR outputs, background music inputs, individual background music level adjustments, switchable chime with level control, balanced line-level output, six form “C” relays which activate with the microphone zones. Connect the microphone to the base station with one simple Cat5 cable or shielded Cat5 for long runs.



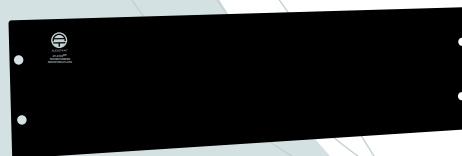
AT-6100LINK: six-foot XLR female to XLR male individually shielded microphone cable. Braided protective cover and high-quality XLR connectors. Connects the AT-6100M to the AT-6100 amplifier with one convenient cable.



AT-6100: six channel amplifier with 900 watts total power and up to 150 watts in each zone. Convection cooled with six front panel input level controls, six front panel silent mute switches, XLR ¼-inch combo inputs plus RCA inputs, six pre-amp outputs, parallel, bridge or stereo operation. Wide frequency response of 17 Hz to 70 kHz ultra-low noise input stages and Op-amps. The AT-6100 provides up to six-zones of crystal-clear paging with 150 watts of pure power in each zone. Run zones in 70 volts or 4 to 8 ohms with any combination. Six high-quality amplifiers make the AT-6100 a convenient all-in-one multi-zone solution.



AT-6100T: 150-watt, 8-ohm to 70-volt transformer, 40 Hz to 20 kHz frequency response with direct wire in connection strip. Connect any AT-6100 output to the AT-6100T transformer for 150 watts of crystal-clear paging and background music. Use up to six AT-6100T transformers for six paging zones.



AT-6100RP: 3 U rack panel, allows mounting up to six AT-6100T transformers. Mount your AT-6100T transformers on this convenient rack panel for a professional finish!



PF-65TVH: use any AudioTrak premium speaker like the PF Series for crystal-clear paging and background music in all your zones.

SKA Series In-Wall/Ceiling Speakers

The SKA Series speakers incorporate cutting-edge design and all the features professional installers want and need. The SKA Series speakers are at home in high-quality residential surround sound or distributed audio systems and commercial applications where sound quality is paramount.

All SKA speakers feature oversized ferrite magnet structures, ultra-rigid "V" shaped tweeter bridges that disperse the low mid frequencies and minimize phase cancellation. This dramatically increases clarity and widens the imaging, producing a crisp, tight, exceptionally wide sound field.

This series features low-tolerance custom crossovers, easy-install push terminals and four extra heavy-duty mounting clamps and high-output 5, 6 or 8-inch woofers. Every SKA speaker ships with a free rough-in bracket and dust cover.

Add to this the iSpeaker pure-white cosmetics with incredible sound quality, and you have the SKA Series speakers. Only from AudioTrak!



SKA880

SKA680

SKA580



SKA680ST



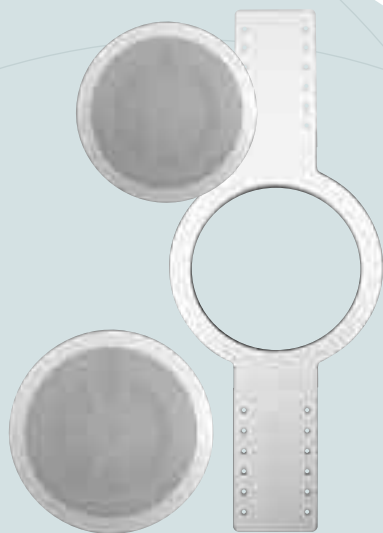
SKA682

Features

- Available sizes:
 - 5, 6 or 8-inch SKA580, 680, 880 in-ceiling
 - Stereo 6-inch in-ceiling SKA680ST
 - Dual 6-inch/dual tweeter in-wall SKA682
- Oversized ferrite magnet structures
- Custom low-tolerance crossovers
- Ultra-rigid "V" shaped Tweeter Bridge
- High-output woofers
- Easy install push terminals
- Four heavy-duty "L" mounting clamps
- Rough-in bracket (included) spans 16 or 24-inch center studs
- Dust cover (included) keeps debris out of the construction mounting hole
- Pure-white cosmetics blend into any environment
- Washable, paintable grilles
- 89 dB to 95 dB at 1 watt, 1 meter
- 40 Hz to 20 kHz frequency response

Specifications

	SKA580	SKA680	SKA680ST	SKA880	SKA682
Speaker Type	Two-way in-ceiling	Two-way in-ceiling	Two-way stereo in-ceiling	Two-way in-ceiling	Two-way, four driver in-wall
Power Handling	50 watts RMS 100 watts Peak	80 watts RMS 125 watts Peak	100 watts RMS 150 watts Peak	100 watts RMS 150 watts Peak	125 watts RMS 175 watts Peak
Frequency Response	60 Hz to 20 kHz	50 Hz to 20 kHz	50 Hz to 20 kHz	40 Hz to 20 kHz	40 Hz to 20 kHz
Sensitivity	89 dB at 1 watt, 1 meter	92 dB at 1 watt, 1 meter	94 dB at 1 watt, 1 meter	94 dB at 1 watt, 1 meter	95 dB at 1 watt, 1 meter
Impedance	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms
Woofer	5 inches; 127mm	6 inches; 152 mm	6 inches; 152 mm	8 inches; 203 mm	6 inches; 152 mm x 2
Material	White mica-filled polypropylene cone with rubber edge	White mica-filled polypropylene cone with rubber edge	White mica-filled polypropylene cone with rubber edge	White mica-filled polypropylene cone with rubber edge	White mica-filled polypropylene cone with rubber edge
Magnet	18 oz; 510 g	18 oz; 510 g	18 oz; 510 g	20 oz; 566 g	18 oz; 510 g x 2
Tweeter	.75-inch; 20 mm	.75-inch; 20 mm	.75-inch; 20 mm x 2	.75-inch; 20 mm	.75-inch; 20 mm x 2
Material	Pulp fiber	Pulp fiber	Pulp fiber	Pulp fiber	Pulp fiber
Magnet	3.6 oz; 102 g	3.6 oz; 102 g	3.6 oz; 102 g x 2	3.6 oz; 102 g	3.6 oz; 102 g x 2
Crossover Frequency	4 kHz	3 kHz	3 kHz	2.5 kHz	2.5 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	Four L-clips	Four L-clips	Four L-clips	Four L-clips	Six L-clips
Overall Dimension	7.77 inches; 197.4 mm	9.625 inches; 243 mm	9.625 inches; 243 mm	11.25 inches; 286 mm	16.92 x 8.5 inches; 430 x 216 mm
Cutout Dimension	6.22 inches; 158 mm	8.2 inches; 208 mm	8.2 inches; 208 mm	9.9 inches; 251 mm	15.94 x 7.51 inches; 405 x 191 mm
Mounting Depth	4 inches; 102 mm	4 inches; 102 mm	4 inches; 102 mm	4.29 inches; 109 mm	4.29 inches; 109 mm
Mounting Bracket	Included	Included	Included	Included	Included
Options	AT-UNIBACKBOX 2x6	AT-UNIBACKBOX 2x6	AT-UNIBACKBOX 2x6	AT-UNIBACKBOX 2x6	AT-UNIBACKBOX 2x6



SKA rough-in bracket included.



Optional AT-UNIBACKBOX 2x6

4-inch deep tuned metal back-box with acoustical fire-retardant batting and foam edge seal. Fits all SKA speakers 16 or 24-inch center studs 2 x 6 or greater depth for walls or ceilings.

4 x heavy duty "L" clamps

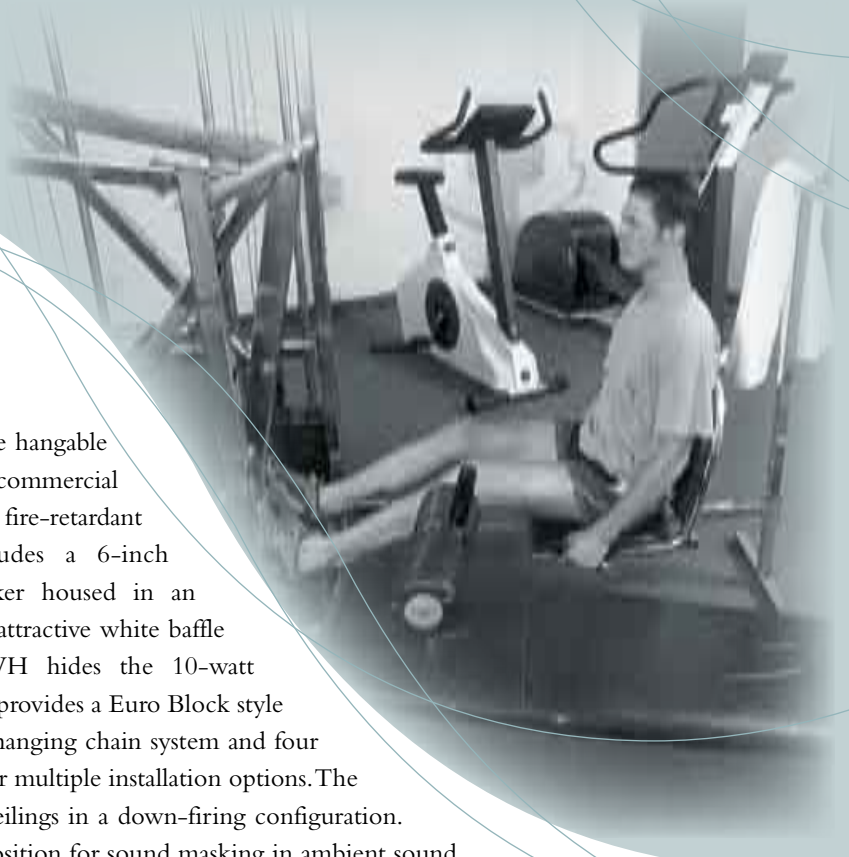


Oversized magnet structures

Custom crossover

PF-65TVH Speaker Assembly

The new AudioTrak PF-65TVH all-in-one hangable speaker, transformer and back-can makes commercial installations a breeze. Constructed with fire-retardant components, this sound solution includes a 6-inch polypropylene high-output coaxial speaker housed in an architectural enclosure, with a low-profile attractive white baffle and one-piece back-can. The PF-65TVH hides the 10-watt premium transformer in the back-can and provides a Euro Block style connector for quick installation. A 6-foot hanging chain system and four sturdy "L" clamps are included and allow for multiple installation options. The PF-65TVH is hangable from open truss ceilings in a down-firing configuration. It can also be configured in an up-firing position for sound masking in ambient sound installations. The hanging chain system cuts installation time by 90 percent. With cutting-edge aesthetics and ease of installation, the PF-65TVH is the smart choice for quality installations.



Features

- Complete coaxial speaker, transformer, back-can and hanging chain system
- High-output 6-inch polypropylene coaxial speaker
- Constructed with fire-retardant components
- Hangable down-firing or up-firing
- Four sturdy "L" clips for tile/drywall installations
- Architectural low-profile white baffle
- Full frequency premium 10-watt transformer, 25 / 70-volt plus 8-ohm
- Euro Block style removable connector
- Easy one-piece installation
- Optional RI-PF65TV tile bridge rough-in bracket available

Specifications

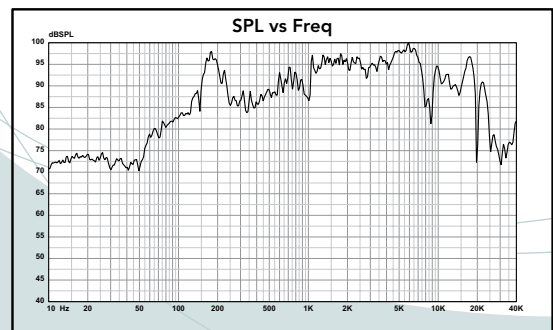
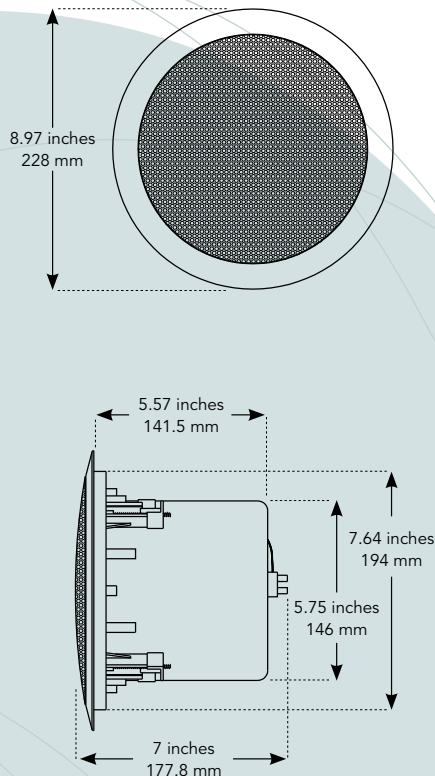
PF-65TVH

Speaker Type	Coaxial
Cone Material	Polypropylene
Tweeter Material	Mylar
Tweeter Size	1.18 inches; 30 mm
Frequency Response	80 Hz to 20 kHz \pm 10 dB
Sensitivity	97 dB at 1 watt, 1 meter
Crossover Point	2.5 kHz
Dispersion Angle	100 degrees
Power Handling	20-watt RMS
Impedance	8 ohms
Magnet Weight LF	10 oz; 284 g
Magnet Weight HF	1.5 oz; 42.5 g
Voice Coil Diameter LF	1 inch; 25 mm
Voice Coil Diameter HF	0.625 inch; 15 mm
Flux Density LF	11,560 gauss
Flux Density HF	10,250 gauss
Overall Diameter	8.97 inches; 228 mm
Overall Depth	7 inches; 177.8 mm
Transformer	10 watts, 25 / 70 volts, 1.25, 2.5, 5, 10 watts / 8 ohms
Cutout Diameter	7.64 inches; 178 mm
Overall Weight	4.2 lbs; 1.90 kg

Architectural and Engineering Specifications

The loudspeaker shall be an AudioTrak model PF-65TVH. The loudspeaker shall be a 6-inch, 2-way coaxial polypropylene cone with a 284 g (10 oz) magnet for the low frequency transducer and a mylar dome with a 1.5 oz; 42.5 g magnet for the high frequency transducer. The loudspeaker shall provide for a continuous power rating of 20 watts RMS with a consistent frequency response of 80 Hz to 20 kHz (\pm 10 dB). The speaker shall have a crossover point of 2.5 kHz and a voice coil diameter of 1 inch; 25 mm for the low frequency driver and 0.625 inch; 15 mm for the high frequency driver. The speaker shall have a nominal impedance of 8 ohms and sensitivity of 97 dB, 1 watt, 1 meter with a dispersion angle of 100 degrees. The transducer shall be fitted with a 25 / 70-volt transformer with primary taps at 1.25, 2.5, 5, 10 watts and a secondary tap at 8 ohms. An 8-ohm connection shall be provided which bypasses the transformer. Overall frequency response shall be 80 Hz to 20 kHz (\pm 10 dB). The transformer shall have dimensions of (H x W x D), 1.7 x 3.14 x 1.57 inches; 43 x 80 x 40 mm and a total weight of 0.66 lb; 300 g.

The speaker and transformer shall be mounted in a circular sealed back-box with dimensions of 5.75 inches; 146 mm diameter, 6.14 inches; 156.5 mm in overall height and a total overall depth of 7 inches; 177.8 mm including wire terminals. The PF-65TVH shall be fitted with a painted white steel mesh architectural grill and a white plastic trim ring 8.97 inches; 228 mm in diameter. The PF-65TVH cutout dimension shall be 7.64 inches; 194 mm and shall mount to walls/ceilings via four screw-type "L" clips. A ten contact removable Euro Block style connection strip is provided for all primary taps and is mounted on the back-can. The PF-65TVH shall include a six-foot long three-point hanging metal chain which shall allow the speaker assembly to be hung down-firing or up-firing. The complete speaker transformer, back-can and terminal strip shall be constructed of fire-retardant components and shall be the AudioTrak PF-65TVH.



PF-85TVH Speaker Assembly

The new AudioTrak PF-85TVH all-in-one hangable speaker, transformer and back-can makes commercial installations a breeze. Constructed with fire-retardant components, this sound solution includes an 8-inch polypropylene, high-output coaxial speaker housed in an architectural enclosure, with a low-profile attractive white baffle and one-piece back-can. The PF-85TVH hides the 20-watt premium transformer in the back-can and provides a Euro Block style connector for quick installation. A 6-foot hanging chain system and four sturdy "L" clamps are included and allow for multiple installation options. The PF-85TVH is hangable from open truss ceilings in a down-firing configuration. It can also be configured in an up-firing position for sound masking in ambient sound installations. The hanging chain system cuts installation time by 90 percent. Cutting-edge aesthetics and easy installation make the PF-85TVH the right product for any environment.



Features

- High-output 8-inch polypropylene coaxial speaker
- Constructed with fire-retardant components
- Hangable down-firing or up-firing
- Four sturdy "L" clips for tile or drywall installations
- Architectural low-profile white baffle
- Full frequency premium 20-watt transformer, 25 / 70-volt plus 8-ohm
- Euro Block style removable connector
- Easy one-piece installation
- Optional RI-PF85TV tile bridge rough-in bracket available

Specifications

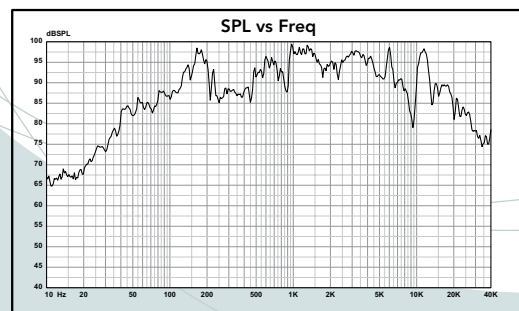
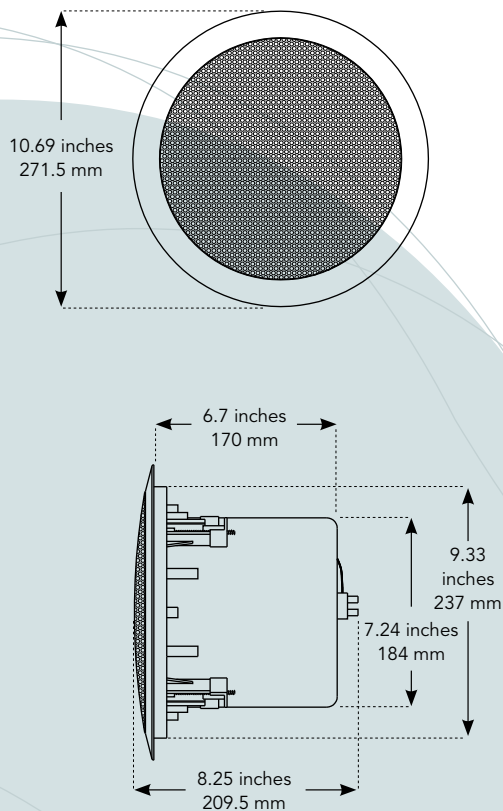
PF-85TVH

Speaker Type	Coaxial
Cone Material	Polypropylene
Tweeter Material	Silk
Tweeter Size	1.18 inches; 30 mm
Frequency Response	80 Hz to 20 kHz \pm 10 dB
Sensitivity	98 dB at 1 watt, 1 meter
Crossover Point	3 kHz
Dispersion Angle	95 degrees
Power Handling	40-watt RMS
Impedance	8 ohms
Magnet Weight LF	10 oz; 284 g
Magnet Weight HF	1.5 oz; 42.5 g
Voice Coil Diameter LF	1 inch; 25 mm
Voice Coil Diameter HF	0.625 inches; 15 mm
Overall Diameter	10.69 inches; 271.5 mm
Overall Depth	8.25 inches; 209.5 mm
Transformer	20 watts, 25 / 70 volts, 2.5, 5, 10, 20 watts / 8 ohms
Cutout Diameter	9.33 inches; 237 mm
Overall Weight	5.85 lbs; 2.65 kg

Architectural and Engineering Specifications

The loudspeaker shall be an AudioTrak model PF-85TVH. The loudspeaker shall be an 8-inch, 2-way coaxial polypropylene cone with a 10 oz; 284 g magnet for the low frequency transducer and a silk dome with a 1.5 oz; 42.5 g magnet for the high frequency transducer. The loudspeaker shall provide for a continuous power rating of 40 watts RMS with a consistent frequency response of 80 Hz to 20 kHz (\pm 10 dB). The speaker shall have a crossover point of 3 kHz and shall have a voice coil diameter of 1 inch; 25 mm for the low frequency driver and 0.625 inch; 15 mm for the high frequency driver. The speaker shall have a nominal impedance of 8 ohms and sensitivity of 98 dB, 1 watt, 1 meter with a dispersion angle of 95 degrees. The transducer shall be fitted with a 25 / 70-volt transformer with primary taps at 2.5, 5, 10, 20 watts and a secondary tap at 8 ohms. An 8-ohm connection is also provided which bypasses the transformer. Overall frequency response shall be 80 Hz to 20 kHz (\pm 10 dB). The transformer shall have dimensions of (H x W x D), 1.7 x 3.14 x 1.85 inches; 43 x 80 x 47 mm and a total weight of 0.66 lbs; 300 g.

The speaker and transformer shall be mounted in a circular sealed back-box with dimensions of 7.24 inches; 184 mm diameter, 6.7 inches; 170 mm in overall height and a total overall depth of 8.25 inches; 209.5 mm including wire terminals. The PF-85TVH shall be fitted with a painted white steel mesh architectural grill and a white plastic trim ring 10.69 inches; 271.5 mm in diameter. The PF-85TVH cutout dimension shall be 9.33 inches; 237 mm and shall mount to walls/ceilings via four screw type "L" clips. A ten contact removable Euro Block style connection strip shall be provided for all primary taps and is mounted on the back-can. The complete speaker transformer, back-can and terminal strip shall be constructed of fire-retardant components and shall be the AudioTrak PF-85TVH.



PF-55T/PF-55TB Speaker Assemblies

The PF-55 Series commercial background music/voice paging speakers offer a new level of quality and installation convenience. These complete speaker, transformer, baffle and back-box (PF-55TB) assemblies feature 5-inch, full range drivers with a smooth frequency response optimized for intelligibility, plus a quality 4-watt attached transformer.

The all-metal baffles and grilles fit nicely into any commercial or retail environment and blend nicely into the scenery with their small footprint. The PF-55 Series speakers employ a unique easy mounting system which cuts installation time by half. All PF-55 Series speakers ship with an AudioTrak tile bridge rough-in bracket and cutout template in every box which provides major cost savings. With modern aesthetics and ease of installation, the PF-55 Series is the right choice for your next project.



PF-55T



PF-55TB



Rough-in bracket

Features

- Complete speaker, transformer, baffle and back-box (PF-55TB) assemblies
- Easy mount claw system cuts installation time
- 20-watt, 5-inch full range speaker with smooth frequency response
- 4-watt wide frequency transformer
- 25 / 70-volt or 8-ohm with 4 wattage taps
- 97 dB (PF-55T), 100 dB (PF-55TB), 1 watt 1 meter
- Pure white architectural grilles
- Easy one-piece installation

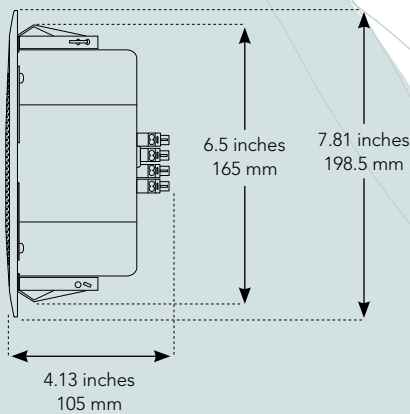
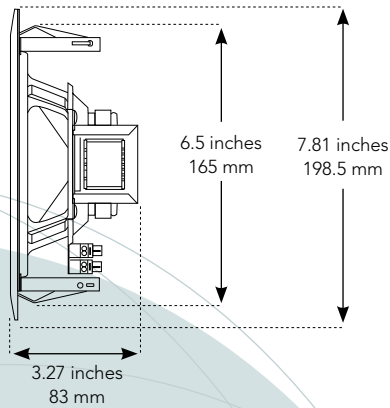
Specifications

	PF-55T	PF-55TB
Speaker Type:	5.5-inch full range	5.5-inch full range
Cone material	Paper	Paper
Frequency response	100 Hz to 18 kHz ± 3 dB	100 Hz to 18 kHz ± 3 dB
Sensitivity	97 dB at 1 watt, 1 meter	100 dB at 1 watt, 1 meter
Dispersion	100 degrees	100 degrees
Power handling	20 watts	20 watts
Impedance	8 ohms	8 ohms
Magnet weight	5.4 oz; 153 g	5.4 oz; 153 g
Voice coil diameter	0.75 inches; 19 mm	0.75 inches; 19 mm
Overall diameter	7.81 inches; 198.5 mm	7.81 inches; 198.5 mm
Overall depth	3.27 inches; 83 mm	4.13 inches; 105 mm
Transformer	4 watts, 25 / 70 volts, 0.5, 1, 2, 4-watt taps	
Cutout diameter	6.5 inches; 165 mm	6.5 inches; 165 mm
Overall weight	2.05 lbs; 0.9299 kg	2.75 lbs; 1.247 kg

Architectural and Engineering Specifications

The loudspeakers shall be the PF-55T and PF-55TB. The loudspeaker shall be a five and one half-inch full range speaker paper cone type with a 5.4 oz; 153 g magnet. The loudspeaker shall have a continuous power rating of 20 watts RMS with a consistent frequency response of 100 Hz to 18 kHz ± 3 dB. The loudspeaker voice coil shall be 0.75 inches; 19 mm in diameter and the speaker shall have a nominal impedance of 8 ohms. The loudspeaker shall have a sensitivity of 97 dB (PF-55T) and 100 dB (PF-55TB), 1 watt, 1 meter and provide a dispersion angle of 100 degrees. The speaker shall be fitted with a 25 / 70-volt transformer with primary taps of 0.5, 1, 2, 4 watts and a secondary tap of 8 ohms.

The speaker baffle and mounting clips are a one-piece all-metal design fitted with an all-metal white painted architectural grille. The PF-55TB shall be fitted with an all-metal white painted circular back-can with a wire-in terminal strip and wattage tap selector mounted on the top of the back-can for easy installation access. The speaker cutout dimension shall be 6.5 inches; 165.1 mm and shall mount to walls and ceilings with two spring-loaded claw arms with no screws or fasteners necessary. The PF-55T and PF-55TB speakers shall include a plastic rough-in bracket which supports the weight of the speaker assembly in T-Bar ceilings and can also be used as a pre-construction bracket. The pre-construction bracket shall have an overall length of 26 inches; 660.4 mm and include 24 mounting holes. The complete speaker, transformer, grille, rough-in bracket and back-box (PF-55TB) shall be the AudioTrak PF-55T and PF-55TB.



COMB Speaker, Baffle, Transformer Assembly

Meeting the needs of the professional contractor, the AudioTrak line of COMB products have been designed to provide maximum flexibility to fit any job. Available in both 25 and 70-volt formats the COMB speaker assemblies provide flexibility for the contractor to match the right product to the requirement of the job. Complete packaging of the COMB series assemblies have made these products the labor-saving choice of the contractor who needs to install professional quality paging equipment. Using the AudioTrak COMB series along with the complete line of back-boxes and other accessories makes AudioTrak your top-choice for professional performance.



Features

- Complete speaker, baffle, transformer assemblies
- 25 / 70-volt format
- White, metal baffle
- Simple installation reduces labor time

Specifications

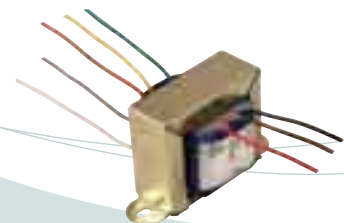
	SPEAKER			BAFFLE		TRANSFORMER	
	S81005B 8 inches; 10 watts	S81010B 8 inches; 20 watts	S82010CX 8 inches; 20 watts coax	BRM11 round	BSM25 square	T2570 5 watts, 25/70 volts	T7010C 10 watts, 70 volts
COMB855BS	X				X	X	
COMB855BR	X			X		X	
COMB815CTS		X			X	X	
COMB815CTR		X		X		X	
COMB811BS		X			X		X
COMB811BR		X		X			X
COMB8200S			X		X		X
COMB8200R			X	X			X



BSM25



BRM11

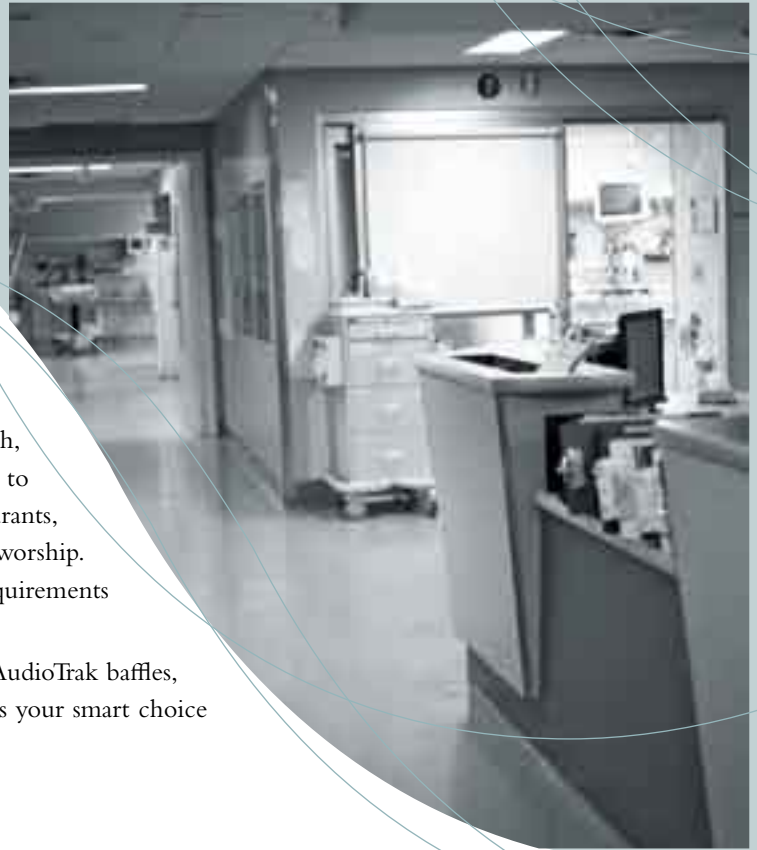


T7010C

S81005B Dual-Cone Loudspeaker

The AudioTrak S81005B is a high-quality 8-inch, 20-watt, RMS dual-cone loudspeaker. Designed to perform in both BGM and voice-paging for restaurants, lounges, retail environments, schools and houses of worship. The S81005B is equally suited to meet the audio requirements of industrial environments.

The S81005B is available with a complete line of AudioTrak baffles, back-box, and mounting hardware. The S81005B is your smart choice for consistent and reliable results.



Features

- 8-inch, dual-cone loudspeaker
- Transformer mounting capability
- Extended frequency response
- Long-term reliability

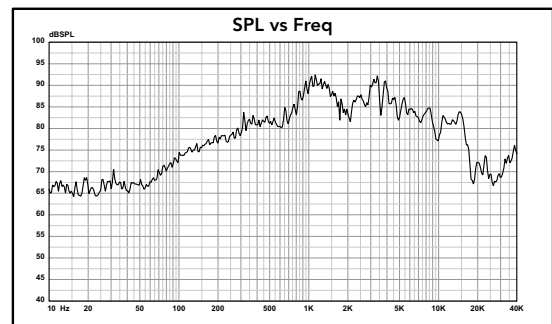
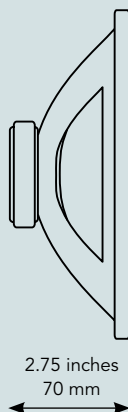
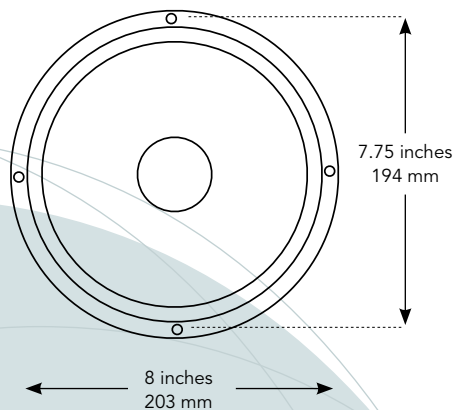
Specifications

S81005B

Speaker Type	Dual-cone
Cone Material	Paper
Frequency Response	60 Hz to 20 kHz ± 6 dB
Sensitivity	92 dB at 1 watt, 1 meter
Dispersion Angle	95 degrees
Power Handling	20 watts RMS
Impedance	8 ohms
Magnet Weight	5.4 oz; 153 g
Voice Coil Diameter	0.75 inches; 19 mm
Flux Density	11,600 gauss
Overall Diameter	8 inches; 203 mm
Speaker Depth	2.76 inches; 70 mm
Mounting Hole Centers	7.64 inches; 194 mm
Transformer Mounting Center	2.15 inches; 54.5 mm
Overall Weight	20.18 oz; 572 g

Architectural and Engineering Specifications

The loudspeaker shall be an AudioTrak model S81005B. The loudspeaker shall be an 8-inch, dual paper cone type with a 5.4 oz; 153 g magnet. The loudspeaker shall have a continuous power rating of 20 watts RMS with a consistent frequency response of 60 Hz to 20 kHz (± 6 dB). The loudspeaker voice coil shall be 0.75 inches; 19 mm in diameter and the speaker shall have an impedance of 8 ohms. The S81005B shall have a minimum sensitivity of 92 dB (1 watt, 1 meter) and provide a dispersion angle of 95 degrees. The speaker shall have the following overall dimensions: diameter 8 inches; 203 mm, depth 2.76 inches; 70 mm, mounting hole centers 7.64 inches; 194 mm, transformer mounting hole centers at 2.15 inches; 54.4 mm, weight 20.18 oz; 572 g.



S81010B Dual-Cone Loudspeaker

The AudioTrak S81010B is a top-quality, 8-inch, 20-watt, RMS dual-cone loudspeaker. Used extensively in systems requiring extended bass response and high-power output the S81010B will provide superior results in background music and voice paging systems. The S81010B is your smart choice for consistent and reliable results. The S81010B is available with a complete line of AudioTrak baffles, back-box, and speaker transformer assemblies.



Features

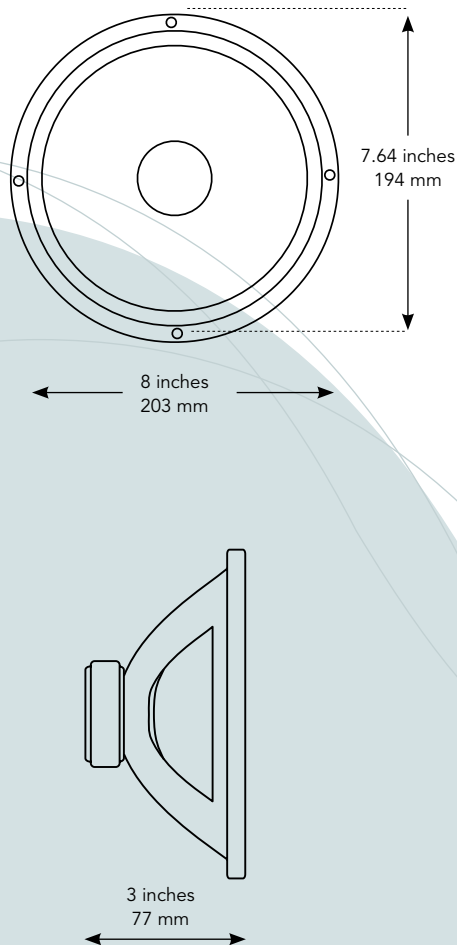
- 8-inch, dual-cone loudspeaker
- Transformer mounting capability
- Extended frequency response
- Heavy-duty magnet
- Long-term reliability

Specifications

S81010B	
Speaker Type	Dual-cone
Cone Material	Paper
Frequency Response	60 Hz to 20 kHz ± 6 dB
Sensitivity	94 dB at 1 watt, 1 meter
Dispersion Angle	95 degrees
Power Handling	20 watts RMS
Impedance	8 ohms
Magnet Weight	10 oz; 284 g
Voice Coil Diameter	1 inch; 25 mm
Flux Density	11,600 gauss
Overall Diameter	8 inches; 203 mm
Speaker Depth	3 inches; 77 mm
Mounting Hole Centers	7.64 inches; 194 mm
Transformer Mounting Centers	2.4 inches; 60.2 mm
Overall Weight	28.22 oz; 800 g

Architectural and Engineering Specifications

The loudspeaker shall be an AudioTrak model S81010B. The loudspeaker shall be an 8-inch dual paper cone type with a 10 oz; 284 g magnet. The loudspeaker will provide a continuous power rating of 20 watts RMS with a consistent frequency response of 60 Hz to 20 kHz (± 6 dB). The speaker shall have a voice coil diameter of 1 inch; 25 mm and shall have an impedance of 8 ohms. The S81010B shall have a sensitivity of 1 watt, 1 meter; 94 dB and provide a dispersion of 95 degrees. The speaker shall have the following overall dimensions: diameter 8 inches; 203 mm, depth 3 inches; 77 mm, mounting hole centers 7.64 inches; 194 mm, transformer mounting hole centers at 2.4 inches; 60.2 mm, weight 28.22 oz; 800 g.



S82010CX Coaxial Loudspeaker

The AudioTrak S82010CX is a top-quality, 8-inch, 20-watt RMS coaxial loudspeaker designed to provide superior voice and music reproduction in both foreground and background music and voice paging applications. The S82010CX is suited for use in restaurants, lounges, retail environments, schools, institutions and houses of worship. It is the high-output capability of the S82010CX that also makes it an ideal choice for the rigorous demands of industrial paging environments. Top-quality performance makes the S82010CX your smart choice for consistent and reliable results.

Available with a complete line of AudioTrak baffles, back-boxes and speaker transformers, the S82010CX is another great addition to your job-winning selection of AudioTrak products.



Features

- High-output, 8-inch, coaxial speaker
- Heavy-duty magnet
- Extended frequency response
- Transformer mounting capability
- Corrosion-resistant spade terminals

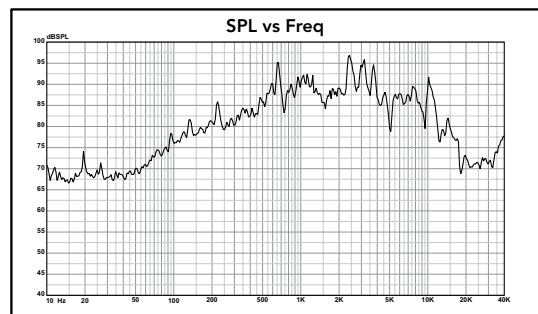
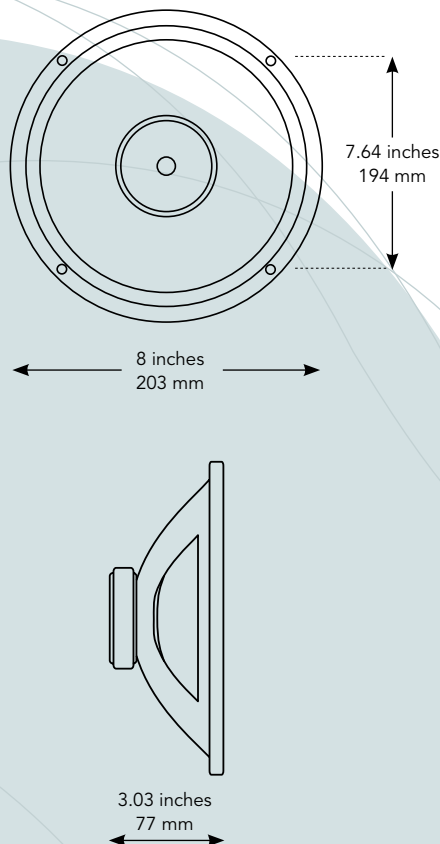
Specifications

S82010CX

Speaker Type	Coaxial
Cone Material	Paper
Tweeter Material	Paper
Tweeter Size	3 inches; 76.2 mm
Frequency Response	60 Hz to 20 kHz ± 6 dB
Sensitivity	95 dB at 1 watt, 1 meter
Crossover Point	5 kHz
Dispersion Angle	98 degrees
Power Handling	20 watts RMS
Impedance	8 ohms
Magnet Weight LF	10 oz; 284 g
Magnet Weight HF	1.5 oz; 42.5 g
Voice Coil Diameter LF	1 inch; 25 mm
Voice Coil Diameter HF	0.6 inches; 15 mm
Flux Density LF	11,560 gauss
Flux Density HF	10,250 gauss
Overall Diameter	8 inches; 203 mm
Speaker Depth	3.03 inches; 77 mm
Transformer Mounting Centers	2.36 inches; 60 mm
Mounting Hole Centers	7.64 inches; 194 mm
Overall Weight	35.27 oz; 1 kg

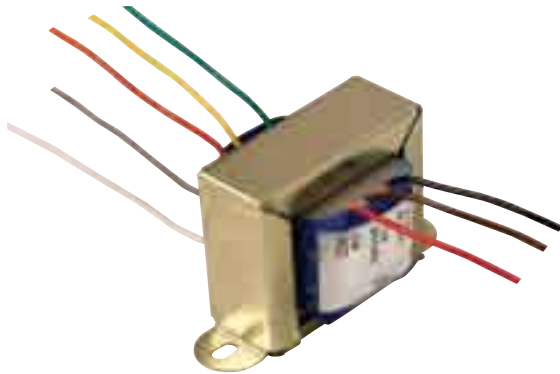
Architectural and Engineering Specifications

The loudspeaker shall be an AudioTrak model S82010CX. The loudspeaker shall be an 8-inch, 2-way coaxial paper cone type with a 10 oz; 284 g magnet for the low frequency reproducer, and a 1.5 oz; 42.5 g magnet for the high frequency reproducer. The loudspeaker will provide for a continuous power rating of 20 watts RMS with a consistent frequency response of 60 Hz to 20 kHz (± 6 db). The speaker will have a crossover point at 5 kHz, and shall have a voice coil diameter of 1 inch; 25 mm for the low frequency driver, and 0.6 inches; 15 mm for the tweeter. The speaker shall have an impedance of 8 ohms, and a sensitivity of 1 watt, 1 meter; 95 dB with a dispersion angle of 95 degrees. Overall dimensions of the speaker shall be: diameter 8 inches; 203 mm, depth 3.03 inches; 77 mm, mounting hole centers 7.64 inches; 194 mm, transformer mounting hole centers at 2.36 inches; 60 mm, weight 35.27 oz; 1 kg.



T2570/T7010C Transformers

For jobs requiring a crystal-clear audio signal, the AudioTrak T-series of transformers is your smart choice. With the capability to provide 5/10 watts of power in a 70-volt format, the T-series is designed to ensure your message is heard in the most demanding environments. With color-coded leads, extended frequency response and increased mass-core, the T-series provides contractors with a top-quality solution to their line transformer requirements.



The T-series transformers are included on all comb speaker assemblies.

Features

- 25/70-volt line transformer (T2570)
- 70-volt line transformer (T7010C)
- 8-ohm secondary
- Low insertion loss
- Color-coded primary leads

Specifications

	T2570	T7010C
Primary Voltage	25 / 70-volt	70-volt
Primary Taps	0.625 / 1.25 / 2.5 / 5 watts	0.625 / 1.25 / 2.5 / 5 / 10 watts
Secondary Tap	8 ohms	8 ohms
Frequency Response	100 Hz to 11 kHz ±1.5 dB	95 Hz to 11 kHz ±1.5 dB
Insertion Loss	0.8 dB at 10 watts	1 dB at 5 watts
Core Size	1.3 x 1.6 x .61 inches; 33 x 41 x 15.5 mm	1.9 x .73 x 1.57 inches; 48 x 18.5 x 40 mm
Dimensions (H x W x D)	1.4 x 2.5 x 1.5 inches; 35 x 64 x 38 mm	1.65 x 2.8 x 1.57 inches; 42 x 72 x 40 mm
Mounting Hole Centers	2.1 inches; 54 mm	2.36 inches; 60 mm
Weight	6.35 oz; 180 g	11.43 oz; 324 g

Architectural and Engineering Specifications

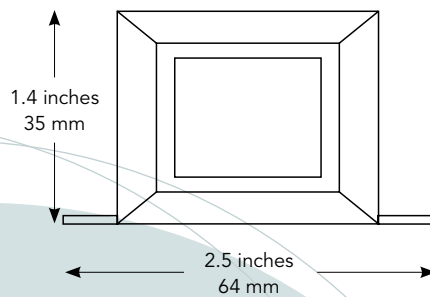
T2570

The line voltage transformer shall be an AudioTrak T2570. The transformer shall have primary taps as follows: 25-volt, 0.625, 1.25, 2.5 and 5 watts, and 70-volt taps at: 0.625, 1.25, 2.5 and 5 watts, and a secondary tap of 8 ohms. Overall frequency response of the transformer shall be 100 Hz to 11 kHz (± 1.5 dB), and overall insertion loss shall not exceed 1 dB. The transformer shall have the following physical dimensions (H x W x D) 1.4 x 2.5 x 1.5 inches; 35 x 64 x 38 mm, with mounting hole centers at 2.1 inches; 54 mm, and a total weight of 6.35 oz; 180 g.

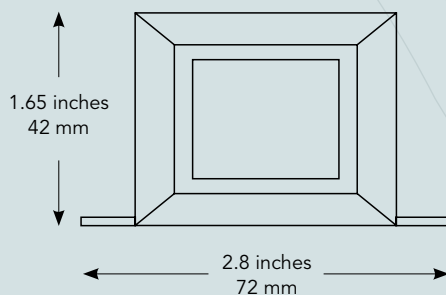
T7010C

The transformer shall be an AudioTrak model T7010C. The transformer shall have 70-volt primary taps at 0.625, 1.25, 2.5, 5 and 10 watts, and a secondary tap at 8 ohms. Overall frequency response of the transformer shall be 95 Hz to 11 kHz (± 1.5 dB), and an overall insertion loss not exceeding 1 dB. The transformer shall have the following physical dimensions (H x W x D) 1.65 x 2.8 x 1.57 inches; 42 x 72 x 40 mm, with mounting hole centers at 2.36 inches; 60 mm and a total weight of 11.43 oz; 324 g.

T2570



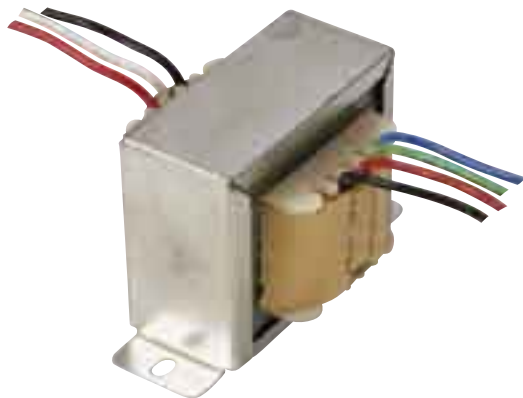
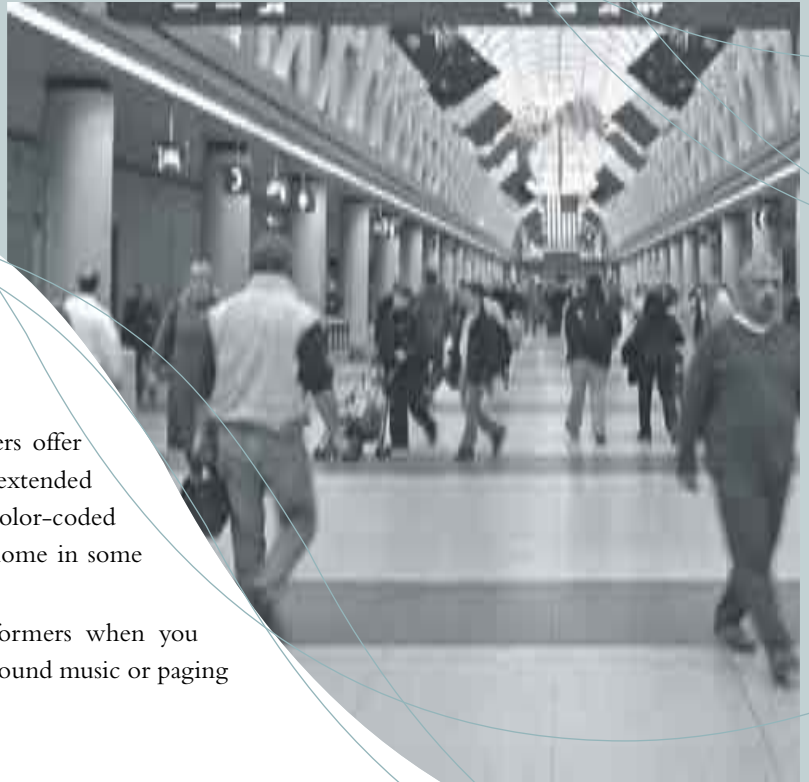
T7010C



TR-10/TR-20/TR-30 Transformers

The AudioTrak TR series 70-volt transformers offer high-fidelity audio reproduction. Featuring extended frequency response, high-power output, and color-coded multi-tap leads, the TR series are finding a home in some of the most prestigious installations.

Choose the AudioTrak TR series of transformers when you need audiophile sound for background, foreground music or paging systems for your next project.



Add the TR series transformers to any AudioTrak 8-ohm speaker to convert to 70-volt operation like the high-fidelity SKA series.

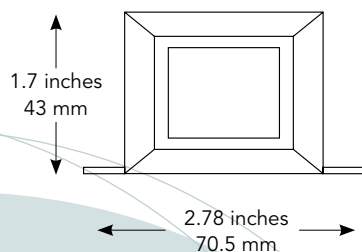
Features

- Extended frequency response
- Multi-tap primary
- 4 or 8-ohm secondary
- Minimal insertion loss
- Color-coded leads
- 10, 20 or 30-watt, 70-volt transformer

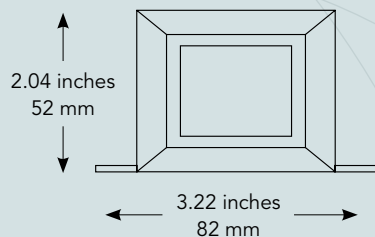
Specifications

	TR-10	TR-20	TR-30
Primary Voltage	70-volt	70-volt	70-volt
Primary Taps	2.5 / 5 / 7.5 / 10 watts	5 / 10 / 15 / 20 watts	15 / 22.5 / 30 watts
Secondary Tap	4 or 8 ohms	4 or 8 ohms	4 or 8 ohms
Frequency Response	40 Hz to 20 kHz +0 dB / -2 dB		
Insertion Loss	1 dB maximum	1 dB maximum	1.2 dB maximum
Core Size (H x W)	0.65 x 0.63 inches; 16.5 x 16.0 mm	0.768 x 0.748 inches; 19.5 x 19.0 mm	0.886 x 1.2 inches; 22.5 x 30.5 mm
Dimensions (H x W x D)	1.7 x 2.78 x 1.45 inches; 43 x 70.5 x 37 mm	2.04 x 3.22 x 1.65 inches; 52 x 82 x 42 mm	2.36 x 3.61 x 2.40 inches; 60 x 91.8 x 61 mm
Mounting Hole Centers	2.4 inches; 61 mm	2.75 inches; 70 mm	3.18 inches; 81 mm
Weight	9.5 oz; 270 g	15 oz; 428 g	32.17 oz; 912 g

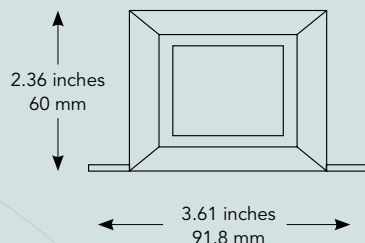
TR-10



TR-20



TR-30



Architectural and Engineering Specifications

TR-10

The transformer shall be an AudioTrak model TR-10. The transformer shall have 70-volt primary taps at 2.5, 5, 7.5, 10 watts and secondary taps at 4 and 8 ohms. Overall frequency response of the transformer shall be 40 Hz to 20 kHz (+0 dB / -2 dB), and overall insertion loss not exceeding 1 dB. The transformer shall have the following physical dimensions (H x W x D), 1.7 x 2.78 x 1.45 inches; 43 x 70.5 x 37 mm, with mounting hole centers at 2.4 inches; 61 mm and a total weight of 9.5 oz; 270 g.

TR-20

The transformer shall be an AudioTrak model TR-20. The transformer shall have 70-volt primary taps at 5, 10, 15, 20 watts and secondary taps at 4 and 8 ohms. Overall frequency response of the transformer shall be 40 Hz to 20 kHz (+0 dB / -2 dB), and overall insertion loss not exceeding 1 dB. The transformer shall have the following physical dimensions (H x W x D), 2.04 x 52 x 1.65 inches; 3.22 x 82 x 42 mm, with mounting hole centers at 2.75 inches; 70 mm and a total weight of 15 oz; 428 g.

TR-30

The transformer shall be an AudioTrak model TR-30. The transformer shall have 70-volt primary taps at 15, 22.5, 30 watts and secondary taps at 4 and 8 ohms. Overall frequency response of the transformer shall be 40 Hz to 20 kHz (+0 dB / -2 dB), and overall insertion loss not exceeding 1.2 dB. The transformer shall have the following physical dimensions (H x W x D), 2.36 x 3.61 x 2.40 inches; 60 x 91.8 x 61 mm, with mounting hole centers at 3.18 inches; 81 mm and a total weight of 32.17 oz; 912 g.

ES8/ESM8 Speaker and Surface Mount Enclosures

The increasingly popular trend towards using square baffles and back-boxes has found many contractors using the AudioTrak ES8 enclosure. Constructed of 20-gauge steel, the ES8 also comes with a black epoxy undercoating to resist mechanical and acoustic vibrations. Use of industry standard mounting centers ensures the ES8 will work in any job. It is this versatility that has made the AudioTrak ES8 the contractor's preference for installations.



ES8



ESM8



Add to any square baffle comb speaker assembly for a complete speaker system.

Features

- One-piece welded construction
- Conduit knockouts
- Acoustic undercoating
- 8 - 32 U mount-clip baffle mounts

Specifications

	ES8	ESM8
Material	20-gauge steel	20-gauge steel
Finish	–	White enamel
Construction	One-piece spot welded	One-piece spot welded
Acoustic Dampening	Textured epoxy	–
Conduit Knockouts	0.8 to 1.14 inches; 20 to 29 mm	0.8 to 1.14 inches; 20 to 29 mm
Baffle Mounting Thread	8 - 32 U clips	8 - 32 U clips
Baffle Mounting Centers	11 inches; 279 mm lateral	11 inches; 279 mm lateral
Dimensions (L x W x D)	11.6 x 11.6 x 4 inches; 295 x 295 102 mm	12.9 x 12.9 x 4 inches; 328 x 328 x 102 mm
Weight	47.5 oz; 1.34 kg	45.9 oz; 1.30 kg

Architectural and Engineering Specifications

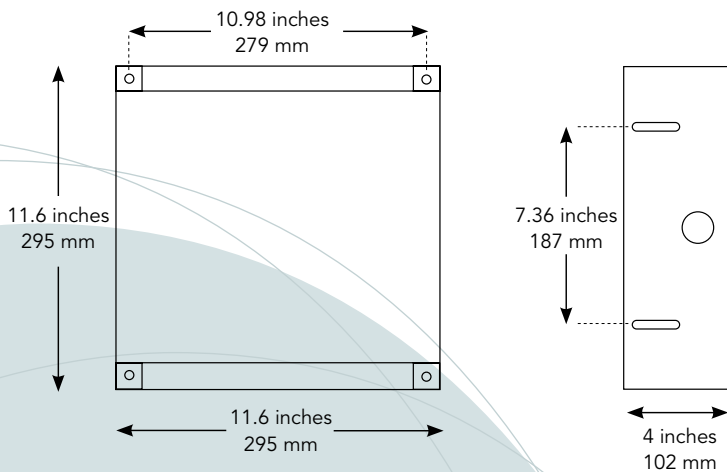
ES8

The speaker enclosure shall be an AudioTrak model ES8. The square enclosure shall be a single piece, welded unit constructed of 20-gauge steel. The enclosure shall have four combination 0.8 to 1.14 inches; 20 to 29 mm conduit knockouts, and the interior of the enclosure shall be coated with a textured black epoxy to prevent acoustic and mechanical vibration. The baffle shall provide four 8 - 32 U clips at 11 inches; 279 mm lateral centers for mounting of baffles. Mounting of T-bar support rails shall be provided for by four mounting slots on 7.36 inches; 187 mm centers placed along two opposite sides on a 180-degree axis. Overall enclosure dimensions shall be 11.6 inches; 295 mm by 11.6 inches; 295 mm square, 4 inches; 102 mm deep, and weigh 47.5 oz; 1.34 kg.

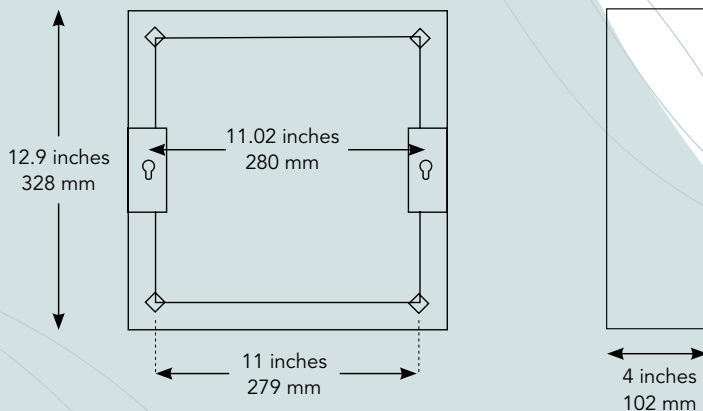
ESM8

The speaker enclosure shall be an AudioTrak model ESM8. The square enclosure shall be a single piece welded unit constructed of 20-gauge steel. The enclosure shall be painted in a white enamel finish and shall also come complete with two mounting tabs to facilitate surface mounting of the unit. The enclosure shall provide four baffle mounting capability through four baffle mounting holes with 8 - 32 U clips at 11 inches; 279 mm lateral centers. Overall enclosure dimensions shall be 12.9 inches; 328 mm by 12.9 inches; 328 mm square and 4 inches; 102 mm in depth with a total weight of 45.9 oz; 1.30 kg.

ES8



ESM8



ER8 Speaker Enclosure

For jobs requiring speaker enclosures, the AudioTrak ER8 is a choice contractors have come to recognize. Featuring conduit knockouts and an internal acoustic dampening coating to reduce vibration, the ER8 is designed to meet the needs of any installation. Primarily used in suspended ceiling installations, the ER8 also includes, as a standard feature, perforated hanging straps, which allow it to be used in installations where speakers are to be hung from a ceiling. The multi-function capability ensures the ER8 is the product of choice when the job requires a speaker enclosure.



Add the ER8 to any round baffle comb speaker assembly for a complete speaker system.

Features

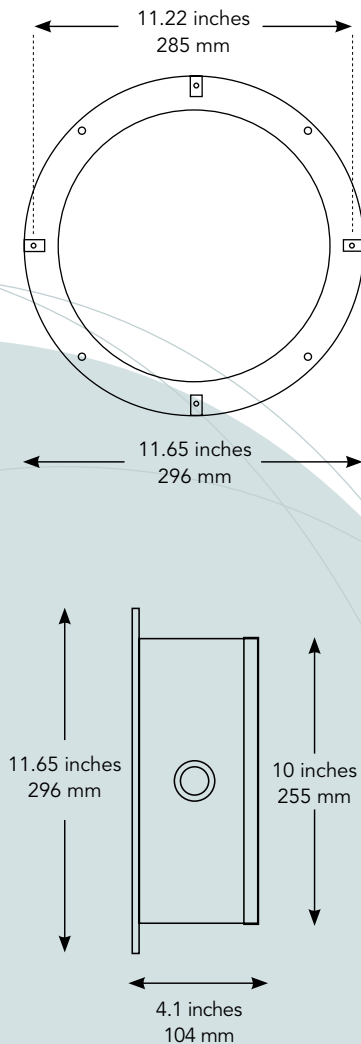
- Conduit knockouts
- Internal acoustic coating
- Perforated hanging straps
- Screw mount baffle holes

Specifications

ER8	
Material	20-gauge steel
Construction	One-piece spot welded
Acoustic Dampening	Textured epoxy
Conduit Knockouts	0.8 to 1.14 inches; 20 to 29 mm
Baffle Mounting Thread	8 - 32 U clips
Baffle Mounting Centers	11.22 inches; 285 mm
Dimensions:	
Diameter (front)	11.65 inches; 296 mm
Diameter (back)	10 inches; 255 mm
Depth	4.1 inches; 104 mm
Weight	37.5 oz; 1.06 kg

Architectural and Engineering Specifications

The speaker enclosure shall be an AudioTrak model ER8. The round enclosure shall be a single piece welded unit constructed of 20-gauge steel. The enclosure shall have four combination 0.8 to 1.14 inches; 20 to 29 mm conduit knockouts spaced 90 degrees apart, and the interior of the enclosure shall be coated to prevent acoustic and mechanical resonance. The enclosure may be mounted by either four perforated metal hanging straps, or four screw mount holes to allow the attachment of mounting rails. The enclosure shall have four baffle mounting rails. The enclosure shall have four baffle mounting holes with 8 - 32 U mount clips at; 11.22 inches; 285 mm diagonal centers. Overall enclosure dimensions shall be 11.65 inches; 296 mm; in diameter, 4.1 inches; 104 mm in depth with a total weight of 1.06 kg; 37.5 oz.

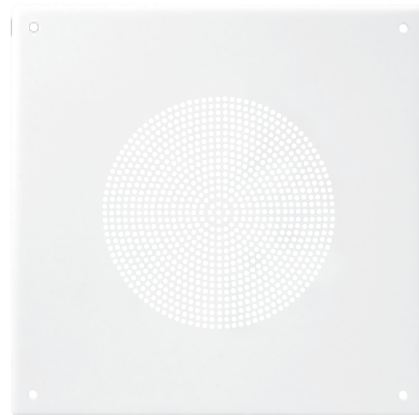


BRM11/BSM25 Round and Square Baffles

Leading the line of AudioTrak speaker baffles is the industry favorite BRM11 and BSM25. The semi-gloss, white finish and slim, contoured profile make these baffles a favorite for commercial and industrial installations. Metal construction ensures long-term durability and acoustic transparency is achieved through the vibration-resistant, one-piece design. For a proven winner, choose the AudioTrak BRM11 or BSM25 for your next job.



BRM11



BSM25

Features

- Round metal construction
- Spot-welded speaker mounts
- Contoured profile
- Baked enamel finish

Specifications

	BRM11	BSM25
Construction	Metal	Steel
Finish	White enamel	White enamel
Speaker Mount Studs	7.64 inches; 194 mm diagonal centers	7.64 inches; 194 mm diagonal centers
Baffle Mounting Holes	11.3 inches; 287 mm diagonal centers	11 inches; 279 mm lateral centers
Dimensions (L x W x D)	-	12.5 x 12.5 x 0.2 inches; 318 x 318 x 5 mm (including speaker studs)
Diameter	12.75 inches; 324 mm	-
Depth	0.2 inches; 5 mm (not including speaker studs)	-
Speaker Stud Length	0.7 inches; 18 mm	0.71 inches; 18 mm
Stud Diameter	8 - 32 threads	8 - 32 threads
Weight	13.6 oz; 480 g	21.4 oz; 608 g

Architectural and Engineering Specifications

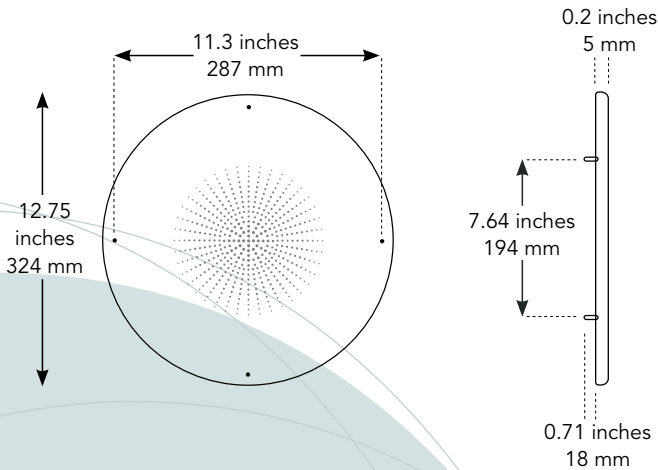
BRM11

The speaker baffle shall be an AudioTrak model BRM11. The baffle shall be round, metal, one-piece construction with a white, semi-gloss, enamel finish. The baffle shall have speaker mounting studs at 7.64 inches; 194 mm diagonal centers and baffle mounting screw holes at 11.3 inches; 287 mm. The overall baffle dimensions shall be 12.75 inches; 324 mm in diameter and 0.375 inches; 5 mm in depth (not including speaker studs) with a total weight of 13.6 oz; 480 g.

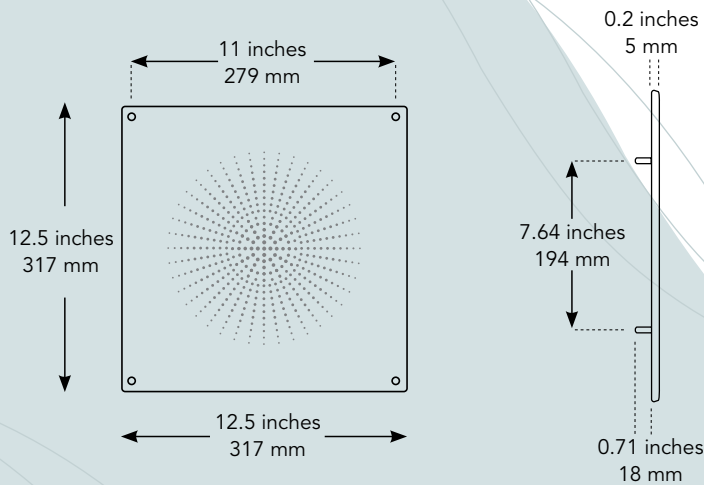
BSM25

The speaker baffle shall be an AudioTrak model BSM25. The baffle shall be square, metal construction with a white, semi-gloss enamel finish. The baffle shall have speaker mounting studs at 7.64 inches; 194 mm diagonal centers and baffle mounting screw holes at 10.98 inches; 279 mm lateral centers. The overall baffle dimensions shall be a square measuring 12.5 inches; 317 mm on each side and be 0.2 inches; 5 mm in depth (not including speaker studs), with a total weight of 21.4 oz; 608 g.

BRM11



BSM25



KP-85TP Horn Loudspeaker

Created for the rigorous demands of the industrial paging market, the AudioTrak KP-85TP re-entrant-style horn speaker has become an industry standard. Equally at home in educational, institutional and retail paging environments, the KP-85TP carries an 18-year track record of reliable professional quality.

Manufactured of impact-resistant ABS plastic, the KP-85TP is designed to handle even the most rugged indoor or outdoor environments. Carrying the AudioTrak tradition of top-quality performance and cost-effective pricing, the KP-85TP is your best choice for paging horn requirements.



Add an AudioTrak amplifier and microphone for a complete paging system.

Features

- Weatherproof
- 15-watt horn
- Fully adjustable base
- Built-in 25 / 70-volt transformer
- Rugged ABS construction

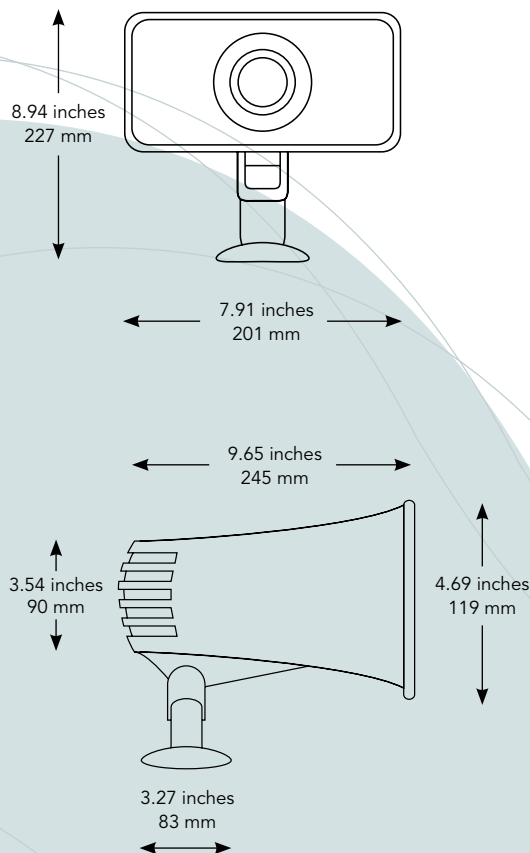
Specifications

KP-85TP

Color	Tan
Housing Material	ABS
Power Rating	16 watts
Frequency Response	350 Hz to 12 kHz ± 6 dB
Sensitivity	107 dB at 1 watt, 1 meter
Impedance	8 ohms, 25 / 70-volt
Primary Taps	25-volt, 1 / 2 / 4 / 7.5 watts 70-volt, 2 / 4 / 8 / 16 watts
Dispersion	100 degrees x 75 degrees
Terminations	9-inch leads
Swivel Mount	360-degree pan, 5 to 95-degree tilt
Mounting Hole Centers	2.83 inches; 72 mm
Dimensions:	
Housing Length	9.65 inches; 245 mm
Height	8.94 inches; 227 mm
Base	3.27 inches; 83 mm
Bell Dimensions	7.91 x 4.69 inches; 201 x 119 mm
Weight	58.34 oz; 1.65 kg

Architectural and Engineering Specifications

The re-entrant-style horn speaker shall be an AudioTrak KP-85TP. The paging horn shall be tan in color, constructed of impact resistant ABS plastic and come complete with an omni-directional swivel base. The unit shall be capable of receiving an 8-ohm direct input and also come complete with a selectable multi-tap 25 / 70-volt transformer. The transformer shall provide the following primary taps for 70-volt at 2, 4, 8, 16 watts and at 25-volt at 1, 2, 4, 7.5 watts. The unit shall have a 100 x 75-degree dispersion angle and be capable of delivering 107 dB at 1 watt, 1 meter, with an overall frequency response of 350 Hz to 12 kHz (± 6 dB). The unit shall have the following overall physical dimensions of: housing (L x H x W), 9.65 x 8.94 x 3.27 inches; 245 x 227 x 83 mm (at base), and a bell of 7.91 x 4.69 inches; 201 x 119 mm. Total weight for the paging horn shall be 58.34 oz; 1.65 kg.



KP-106TB Horn Loudspeaker

Designed for the professional installation market, the KP-106TB re-entrant-style horn speaker is one of the best values for your paging horn requirements. Featuring a weatherproof design, a 25 / 70-volt multi-tap transformer and a fully adjustable base.

The KP-106TB provides the power and positioning capability to suit any environment. The KP-106TB can be found wherever highly intelligible paging, talkback and signaling systems are required. When your job calls for top-quality and long-term reliability, the AudioTrak KP-106TB is your smart solution.



Add an AudioTrak amplifier and microphone for a complete paging system.

Features

- Weatherproof
- Impact-resistant design
- 8-ohm and 25 / 70-volt design
- Fully adjustable base

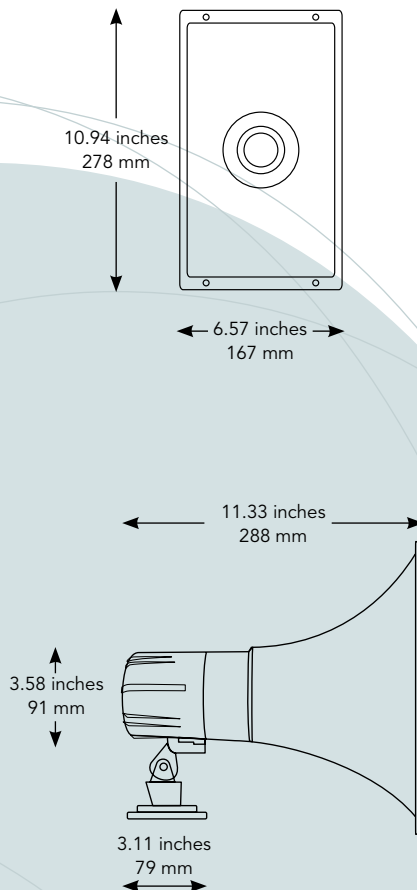
Specifications

KP-106TB

Color	Tan				
Housing Material	ABS				
Power Rating	32 watts				
Frequency Response	300 Hz to 12 kHz ± 6 dB				
Sensitivity	110 dB at 1 watt, 1 meter				
Impedance	8 ohms, 25 / 70 volts				
Primary Taps	25 volts, 2 / 4 / 7.5 / 15 watts 70 volts, 2 / 4 / 8 / 16 / 32 watts				
Dispersion	100 degrees x 75 degrees				
Terminations	Screw terminal				
Swivel Mount	360-degree pan, 90-degree tilt				
Dimensions:					
Housing Length	11.33 inches; 288 mm				
Height	10.94 inches; 278 mm				
Base	3.58 inches; 91 mm	Bell Dimensions	10.94 x 6.57 inches; 278 x 167 mm	Weight	90.65 oz; 2.57 kg
Bell Dimensions	10.94 x 6.57 inches; 278 x 167 mm				
Weight	90.65 oz; 2.57 kg				

Architectural and Engineering Specifications

The re-entrant-style horn speaker shall be an AudioTrak KP-106TB. The paging horn shall be tan in color and constructed of impact-resistant ABS plastic. The unit shall have a die cast transformer housing and come complete with an omni-directional swivel base. The unit shall be capable of receiving an 8-ohm direct input and also come complete with a selectable multi-tap 25 / 70-volt transformer. The transformer shall provide the following primary taps for 25 volts at 2, 4, 7.5, 15 watts and at 70 volts at 2, 4, 8, 16, 32 watts. Screw terminal connections shall be provided for the audio lines and impedance selection shall be done through a seven position weather sealed switch. The connections and impedance top switch shall be covered with a plastic protective plate which shall simultaneously provide strain relief for the audio line. The unit shall have a 100 x 75-degree dispersion angle and be capable of delivering 110 dB at 1 watt, 1 meter with an overall frequency response 300 Hz to 12 kHz (± 6 dB). The unit shall have the following overall physical dimensions: housing (L x H x W), 11.33 x 10.94 x 3.58 inches; 288 x 278 x 91 mm (at base), and a bell of 10.94 x 6.57 inches; 278 x 167 mm. Total weight for the paging horn shall be 90.65 oz; 2.57 kg.



CH-15T8 Re-entrant Horn Loudspeaker

The AudioTrak CH-15T8 is a compact, high-intelligibility, re-entrant-style horn loudspeaker. Used extensively in both indoor and outdoor paging systems, the CH-15T8 features weatherproof, vandal-resistant, all-metal construction.

Versatility is a standard feature of the CH-15T8 with its ability to handle 8-ohm, 25 and 70-volt inputs. Installation is a breeze with the standard omni-directional mounting base and screw terminal wire connections. With unmatched fidelity and easy-install option, the CH-15T8 is the smart choice in a paging horn.



Add an AudioTrak amplifier and microphone for a complete paging system.

Features

- 8-ohm, 25 and 70-volt capable
- 15-watt horn
- Weatherproof
- Vandal-resistant, all-metal construction
- High intelligibility
- Talkback capability

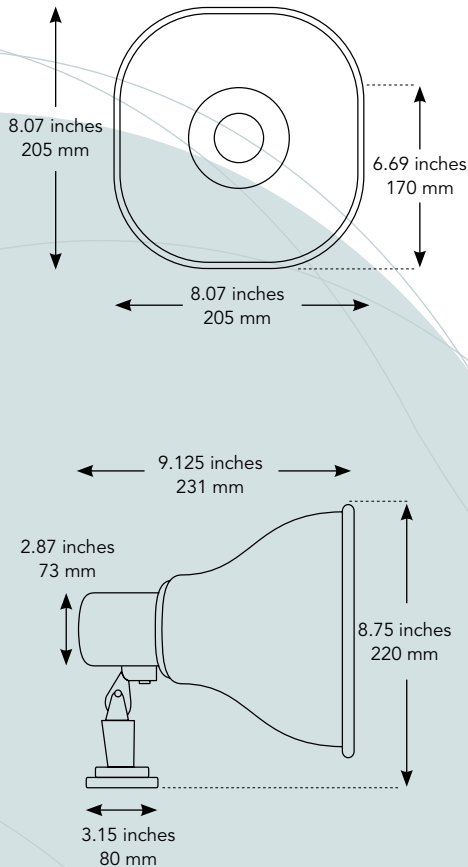
Specifications

CH-15T8

Color	Beige, textured epoxy enamel
Housing Material	Metal
Power Rating	15 watts
Frequency Response	275 Hz to 6 kHz ± 6 dB 200 Hz to 14 kHz ± 12 dB
Sensitivity	110 dB at 1 watt, 1 meter
Impedance	8 ohms, 25 / 70 volts
Primary Taps	25 volts, 0.48 / 0.94 / 1.8 / 7.5 watts 70 volts, 0.9 / 1.8 / 3.8 / 7.5 / 15 watts
Dispersion	110 degrees
Terminations	Screw terminal
Swivel Mount	360-degree pan, 160-degree tilt
Mounting Hole Centers	2.16 inches; 55 mm
Dimensions:	
Housing Length	9.125 inches; 231 mm
Height	8.75 inches; 220 mm
Base	2.87 inches; 73 mm
Bell Dimensions	8.07 x 8.07 inches; 205 x 205 mm
Weight	56 oz; 1.58 kg

Architectural and Engineering Specifications

The re-entrant-style paging horn shall be an AudioTrak model CH-15T8. The paging horn shall have a beige texturized epoxy enamel finish, and be of weatherproof, all-metal construction. The paging horn driver and transformer shall be enclosed in a waterproof gasket sealed enclosure. The unit shall be capable of connection to an 8-ohm direct input and come complete with a selectable multi-tap 25 / 70-volt transformer. The transformer shall provide the following 70-volt primary taps at, 0.9, 1.8, 3.8, 7.5, 15 watts and 25-volt taps at 0.48, 0.94, 1.8, 7.5 watts. Screw terminal connections shall be provided for the audio lines and impedance selection shall be done through an eight position, weather-sealed switch. The connections and impedance tap switch shall be covered with a plastic protective plate which shall simultaneously provide strain relief for the audio line. The unit shall provide a 110-degree dispersion angle and be capable of delivering 110 dB at 1 watt, 1 meter with an overall frequency response of 275 Hz to 6 kHz (± 6 dB) and 200 Hz to 14 kHz (± 12 dB.) The unit shall have the following physical dimensions: housing (L x H x W) 9.125 x 8.75 x 2.87 inches; 231 x 220 x 73 mm (at base) and a bell of 8.07 x 8.07 inches; 205 x 205 mm. Total weight for the paging horn shall be 56 oz; 1.58 kg.



CH-30T8 Re-entrant Horn Loudspeaker

The AudioTrak CH-30T8 is a compact, high-quality, re-entrant-style horn loudspeaker. The rugged design and construction has made the CH-30T8 the preferred contractor favorite for indoor and outdoor paging and talkback systems. Outstanding long-term durability is ensured with the weatherproof and vandal-resistant, all-metal construction and an environmentally durable, baked enamel finish.

The versatility of the CH-30T8 is unmatched through its ability to handle 8-ohm, 25 and 70-volt input. Installation is a breeze with the standard omni-directional mounting base and screw terminal wire connections. For durability, fidelity and versatility choose the CH-30T8 for your next project.



Add an AudioTrak amplifier and microphone for a complete paging system.

Features

- 8-ohm, 25 and 70-volt capable
- 30-watt horn
- Weatherproof
- Vandal-resistant, all-metal construction
- High intelligibility
- Talkback capability

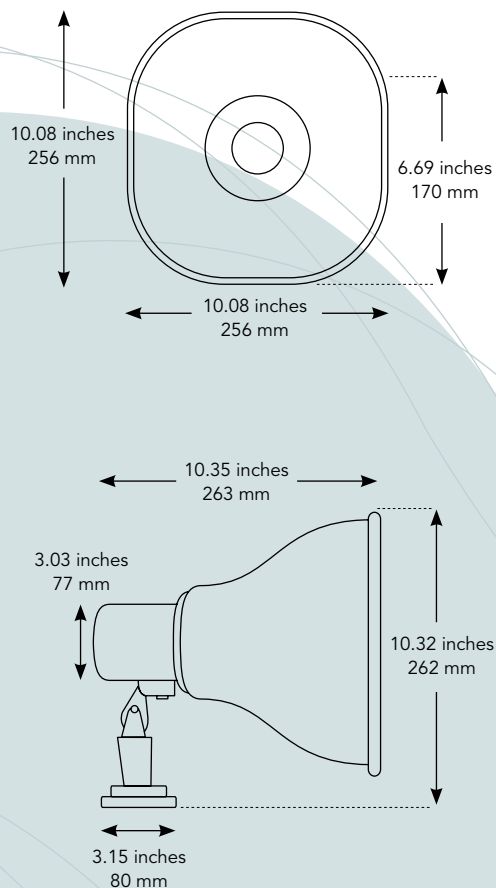
Specifications

CH-30T8

Color	Beige, textured epoxy enamel
Housing Material	Metal
Power Rating	30 watts
Frequency Response	265 Hz to 6.5 kHz ± 6 dB 200 Hz to 1.40 kHz ± 12 dB
Sensitivity	114 dB at 1 watt, 1 meter
Impedance	8 ohms, 25 / 70 volts
Primary Taps	25 volts, 1.8 / 3.7 / 7 watts 70 volts, 1.8 / 3.7 / 7.5 / 15 / 30 watts
Dispersion	110 degrees
Terminations	Screw terminal
Swivel Mount	360-degree pan, 160-degree tilt
Mounting Hole Centers	2.17 inches; 55 mm
Dimensions:	
Housing Length	10.35 inches; 263 mm
Height	10.32 inches; 262 mm
Base	3.03 inches; 77 mm
Bell Dimensions	10.08 x 10.08 inches; 256 x 256 mm
Weight	88 oz; 2.5 kg

Architectural and Engineering Specifications

The re-entrant-style paging horn shall be an AudioTrak model CH-30T8. The paging horn shall have a beige texturized epoxy enamel finish, and be of weatherproof all metal construction. The paging horn driver and transformer shall be enclosed in a waterproof gasket sealed enclosure. The unit shall be capable of connection to an 8-ohm direct input and come complete with a selectable multi-tap 25 / 70-volt transformer. The transformer shall provide the following 70-volt primary taps at, 1.8, 3.7, 7.5, 30 watts and 25-volt taps at, 1.8, 3.7, 7, 15 watts. Screw terminal connections shall be provided for the audio lines and impedance selection shall be done through an eight position weather-sealed switch. The connections and impedance tap switch shall be covered with a plastic protective plate which shall simultaneously provide strain relief for the audio line. The unit shall provide a 110-degree dispersion angle and be capable of delivering 114 dB at 1 watt, 1 meter with an overall frequency response of 265 Hz to 6.50 kHz (± 6 dB) and 200 Hz to 14 kHz (± 12 dB). The unit shall have the following physical dimensions: housing (L x H x W), 10.35 x 10.32 x 3.03 inches; 263 x 262 x 77 mm (at base) and a bell of 10.08 x 10.08 inches; 256 x 256 mm. Total weight for the paging horn shall be 88 oz; 2.5 kg.



SH583A Hand-held Megaphone

The SH-583A hand-held megaphone is perfect for medium size crowd voice annunciation. It is battery powered and light-weight for one-hand operation. Capable of broadcasting at 121.5 dB, (maximum) the SH-583A gets the message across. Another quality product from AudioTrak.



Features

- Light-weight
- One-hand operation
- Long battery life (approximately eight hours)
- 121.5 dB max. broadcast volume

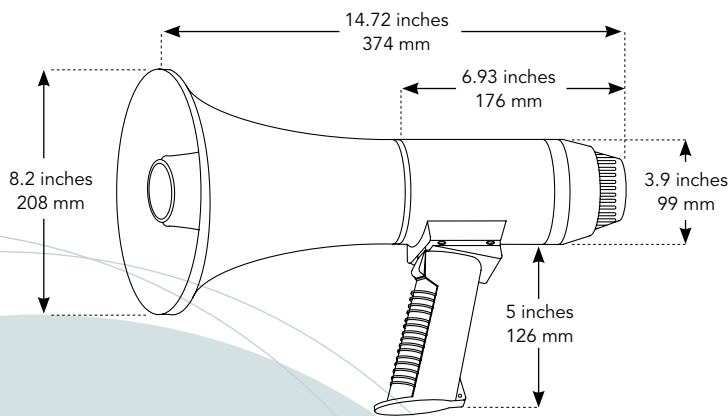
Specifications

SH-583A

Output Power	12 / 18 watts max
Power Source	12 VDC (1.5 volts x 8 batteries)
Battery Life	8 hrs (approx. voice)
Type	Hand grip
Net Weight	3.53 lbs; 1.6 kg
Dimensions:	
Diameter	8.2 inches; 208 mm
Length	14.72 inches; 374 mm
Maximum SPL	121.5 dB open voice at 1 meter

Architectural and Engineering Specifications

The megaphone shall be a SH-583A. The megaphone shall be a hand-held, portable unit weighing 3.53 lbs; 1.6 kg. The megaphone shall be powered by eight "C" cell replaceable batteries and be capable of 12 watts, 18 watts peak output. The megaphone shall be capable of a maximum sound pressure level of 121.5 dB open voice at 1 meter. The megaphone shall have an overall frequency response of 250 Hz to 10 kHz (± 10 dB). The megaphone shall be constructed of impact resistant ABS plastic with pistol grip and one-hand trigger operation. The overall dimensions shall be (D x L), 8.2 x 14.72 inches; 208 x 374 mm bell. The megaphone shall have usable battery life of approximately eight hours normal operation.



VCD-7010M/VCD-7040S Volume Controls

As the fidelity of line voltage systems have improved to meet the needs of customers, AudioTrak has taken a step forward in ensuring the aesthetics of products like the VCD-7010M exceed the market demands for fit and finish. Featuring white, metal decorative styling, gold-plated wire terminations and an impressive 35 Hz to 20 kHz frequency response, the VCD-7010M is in the forefront of options clients look to for their upscale commercial installations. The exceptional audio quality and architect approved look make the VCD-7010M your best choice for your next installation.



VCD-7010M



VCD-7040S

Features

- 25 / 70-volt capable
- Handles up to 10 watts
- Extended frequency response
- Gold-plated wire terminations
- Attractive decorative styling
- 40-watt RMS stereo operation
- Handles up to 40 watts
- 25 / 70-volt
- Extended frequency response
- Gold-plated wire terminations
- Attractive decorative styling

Specifications

	VCD-7010M	VCD-7040S
Primary Voltage	25 / 70-volt	25 / 70-volt
Primary Voltage Taps	25 volts, 3.5 watts 70 volts, 10 watts	25 volts, 3 watts 70 volts, 40 watts
Frequency Response	35 Hz to 20 kHz ±2 dB	35 Hz to 20 kHz ±2 dB
Insertion Loss	0.5 dB maximum	0.5 dB maximum
Total Attenuation	30 dB	30 dB
Attenuation Steps	10 (OFF inclusive)	10 (OFF inclusive)
Attenuation Per Step	OFF to 3; 6 dB each; 3 to 10; 3 dB each	OFF to 3; 6 dB each; 3 to 10; 3 dB each
Dimensions (H x W x D)	4.53 x 1.61 x 3.15 inches; 115 x 41 x 80 mm	4.53 x 1.61 x 3.15 inches; 115 x 41 x 80 mm
Mounting Hole Centers	3.82 inches; 97 mm	3.82 inches; 97 mm
Weight	6.7 oz; 192 g	13.5 oz; 384 g

Architectural and Engineering Specifications

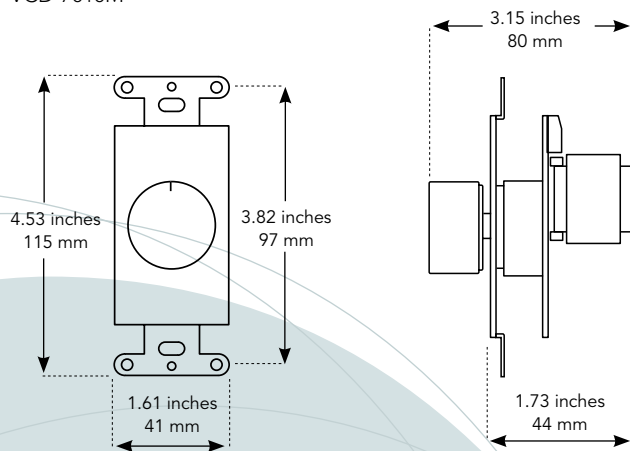
VCD-7010M

The volume control shall be an AudioTrak VCD-7010M. The volume control shall be an auto transformer type attenuator providing 33 dB of attenuation over 11 steps (OFF, included). Steps 1 to 3 shall provide 6 dB each of attenuation while steps 3 through 10 shall provide 3 dB each. The volume control shall be 25 volts, 3.5 watts or 70 volts, 10 watts capable and shall come complete with gold-plated, screw terminal wire connections capable of handling up to 12 AWG wire. Overall frequency response of the volume control shall be 35 Hz to 20 kHz (±2 dB) with a maximum insertion loss of 0.5 dB. The auto transformer shall be mounted to a white metal, decorative style wall plate, and come complete with a white (ABS) knob. Overall dimensions for the volume control shall be (H x W x D), 4.52 x 1.61 x 3.15 inches; 115 x 41 x 80 mm (knob included) and have mounting hole centers at 3.82 inches; 97 mm. The complete volume control assembly shall weigh 6.7 oz; 192 g.

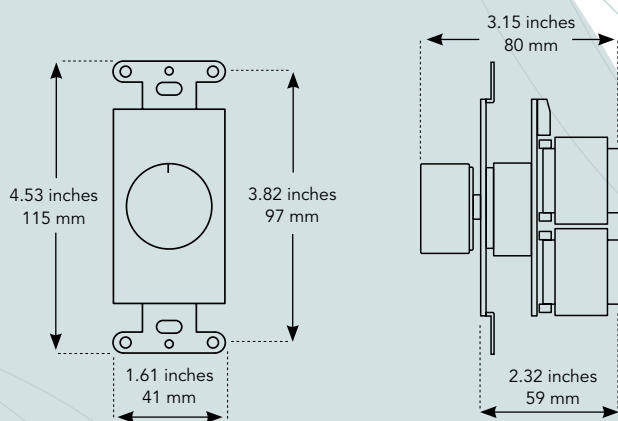
VCC-7040S

The volume control shall be an AudioTrak VCD-7040S. The volume control shall be a stereo auto transformer type attenuator providing 30 dB of attenuation over 10 steps (off, included). Steps 1 to 3 shall provide 6 dB each of attenuation while steps 3 through 10 shall provide 3 dB each. The volume control shall have two independent line voltage transformers which shall be 25 volts, 3.5 watts or 70 volts, 40 watts capable each, and shall come complete with gold-plated screw terminal wire connections capable of handling up to 12 AWG wire. Overall frequency response of the volume control shall be 35 Hz to 20 kHz (±2 dB) with a maximum insertion loss of 0.5 dB. The auto transformer shall be mounted to a white metal decorative style wall plate, and come complete with a white (ABS) knob. Overall dimensions for the volume control shall be (H x W x D), 4.53 x 1.61 x 3.15 inches; 115 x 41 x 80 mm (knob included) and have mounting hole centers at 3.82 inches; 97 mm. The complete volume control assembly shall weigh 13.5 oz; 384 g.

VCD-7010M

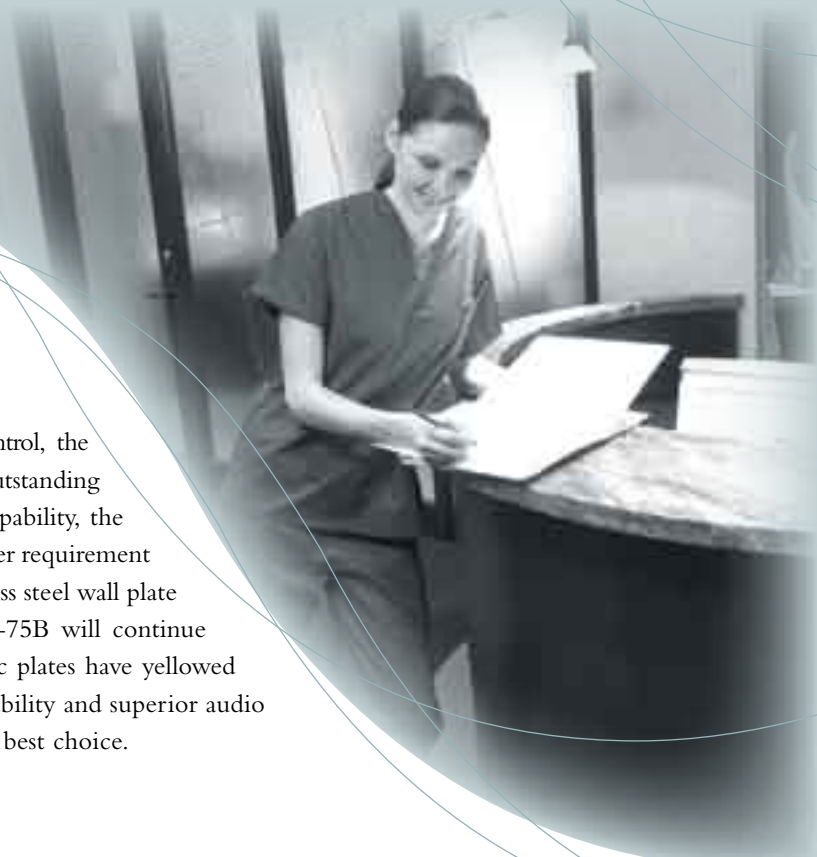


VCC-7040S



VC-27B/VC-35B/VC-75B Volume Controls

For systems requiring local area volume control, the AudioTrak VC-27B, VC-35 and VC-7B are outstanding choices. Featuring multi-tap transformer capability, the VC-27B is able to adapt to virtually any power requirement in any job. Mounting on a single gang, stainless steel wall plate ensures that the VC-27B, VC-35B and VC-75B will continue to look factory fresh long after white plastic plates have yellowed with age. If your job calls for flexibility, durability and superior audio fidelity, AudioTrak volume controls are your best choice.



VC27B and VC35B



VC75B

Features

- 25 / 70-volt capable
- Single gang stainless steel mounting plate
- Gold-plated wire connections
- Multi-tap transformer
- Handles up to 20 watts (VC-27B); 35 watts (VC-35B); 75 watts (VC-75B)

Specifications

	VC-27B	VC-35B	VC-75B
Primary Voltage	25 / 70 volts	25 / 70 volts	25 / 70 volts
Primary Voltage Taps	25 volts, 7 watts 70 volts, 5 / 10 / 20 watts	25 volts, 12 watts 70 volts, 35 watts	25 volts, 25 watts 70 volts, 75 watts
Frequency Response	100 Hz to 12 kHz ±3 dB	100 Hz to 12 kHz ±3 dB	100 Hz to 12 kHz ±3 dB
Insertion Loss	2 dB maximum	0.5 dB maximum	0.5 dB maximum
Total Attenuation	33 dB	30 dB	33 dB
Attenuation Steps	10 plus OFF	10 (OFF inclusive)	11 (OFF inclusive)
Attenuation Per Step	1 to 2; 6 dB; 3 to 10; 3 dB	OFF to 3; 6 dB each; 3 to 9; 3 dB each	OFF to 3; 6 dB each; 3 to 10; 3 dB each
Dimensions (H x W x D)	4.7 x 2.8 x 2.95 inches; 116 x 71 x 75 mm	4.57 x 2.8 x 2.95 inches; 116 x 71 x 75 mm	.57 x 4.57 x 3.3 inches; 116 x 116 x 84 mm
Mounting Hole Centers	3.27 inches; 83 mm	3.27 inches; 83 mm	3.27 inches; 83 mm
Weight	14.5 oz; 410 g	242 g; 8.5 oz	24 oz; 680 g

Architectural and Engineering Specifications

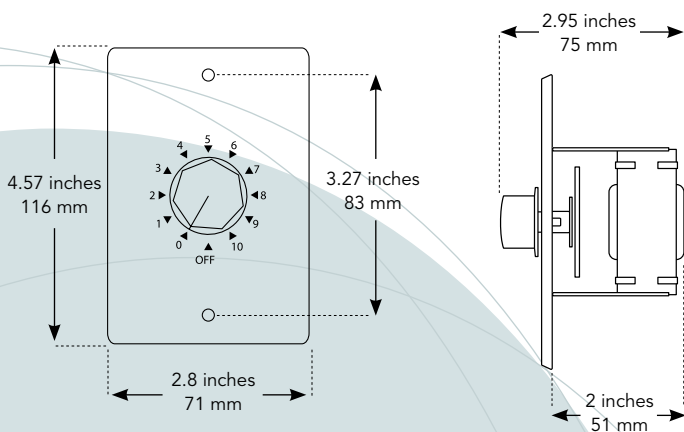
VC27B/VC35B

The volume control shall be an AudioTrak model VC-27B. The volume control shall be an auto transformer type attenuator providing 33 dB of attenuation over 10 steps. Steps 1 and 2 shall provide 6 dB of attenuation while steps 3 through 10 shall provide 3 dB each. The volume control shall be 25 volts, 7 watts, or 70 volts, 20 watts capable and shall provide three primary taps at 5, 10, or 20 watts for 70-volt operation. For 25-volt operation the 20-watt primary lead can be used to allow up to a maximum 7 watts at 25 volts. Overall frequency response of the volume control shall be 100 Hz to 12 kHz (± 3 dB) with a maximum insertion loss of 2 dB. The auto transformer shall be mounted to a single gang, stainless steel wall plate complete with a silk screened volume scale (black), and come complete with a black skirted knob. Overall dimensions for the volume control shall be (H x W x D), 4.57 x 2.8 x 2.95 inches; 116 x 71 x 75 mm, and have mounting hole centers at 3.27 inches; 83 mm. The complete volume control assembly shall weigh 14.5 oz; 410 g.

VC75B

The volume control shall be an AudioTrak model VC-35B. The volume control shall be an auto transformer type attenuator providing 30 dB of attenuation over 10 steps (OFF, inclusive). Steps 2 and 3 shall provide 6 dB of attenuation, while steps 3 through 9 shall provide 3 dB each. The volume control shall be 25 volts, 12 watts or 70 volts, 35 watts capable and shall come complete with gold-plated, screw terminal wire connections capable of handling up to 12 AWG wire. Overall frequency response of the volume control shall be 100 Hz to 12 kHz (± 3 dB) with a maximum insertion loss of 0.5 dB. The auto transformer shall be mounted to a single gang, stainless steel wall plate complete with a silk screened volume scale (black), and come complete with a black skirted (ABS) knob. Overall dimensions for the volume control shall be (H x W x D), 4.57 x 2.8 x 2.95 inches; 116 x 71 x 75 mm (knob inclusive), and have mounting hole centers at 3.27 inches; 83 mm. The complete volume control assembly shall weigh 8.5 oz; 242 g.

VC27B/VC35B



VC75B

