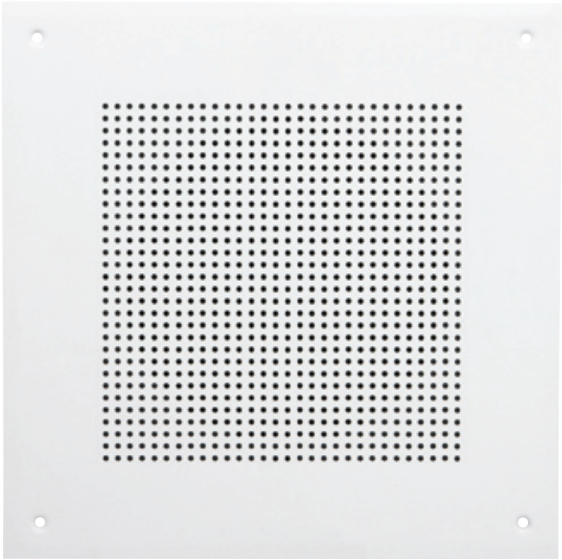
I8S

IP Compliant Loudspeaker System



I8S

Features

- IP Speakers From Atlas Sound Allow Users or System Administrators to Send Live, Prerecorded, or Ad Hoc Messages Along with Control Data to Speaker End Points Over New or Existing Multicast Enabled Local Area Networks.
- Highly Efficient 10oz Dual Cone Loudspeaker System Provides 94dB Average SPL @ 1W/1M and is Capable of 103dB @ 1 Meter Via the Rated Power of the Internal IP Addressable Amplifier
- 105˚ Dispersion in the 2kHz Octave Band (-6dB)
- Wide Frequency Response of 86Hz – 8kHz (±5dB) is Perfect for Speech and General Messaging Playback

General Description

Model I8S from Atlas Sound consists of a factory assembled loudspeaker and baffle with PCB amplifier / control board securely mounted to the rear of the baffle via concealed weld studs. The amplifier / control board is capable of producing 9 Watts RMS into the 8Ω loudspeaker with 9VDC minimum power provided by IEEE 802.3af compliant POE switches. Local 12VDC – 18VDC PSUs may also be used instead of POE switches. Interconnection is via a board mounted female RJ-45 connector. The industry standard C10A loudspeaker used in the I8S is a dual cone 8" (205mm) loudspeaker with a 10oz (260g) ceramic magnet. The 18-gauge construction of the metal baffle provides security and durability in commercial applications. The baffle is finished in neutral white electrostatic powder coat.

Loudspeaker Specifications

Speaker Size	8" (203mm)
Power Handling	15 watts
Sensitivity (SPL @ 1W/1M)	94dB
Frequency Response[1]	86Hz – 8kHz (±5dB)
Dispersion[2]	105˚
Cone Material	Treated Paper
Surround Material & Dampening	Polymer Dampened Integral Paper Surround
Flux Density	10,600 Gauss, 1.06 Tesla
Magnet Weight	Nominal, 10oz (260g)
Basket Material	Stamped, Plated 20-gauge CRS
Voice Coil Diameter	1" (25mm)
Voice Coil Material	Copper
Voice Coil Former Material	Black Anodized Aluminum
Voice Coil Winding Width	0.225" (6mm)
Top Plate Thickness	.239" (6mm)
Weight	32 oz (908 g)
Diameter	8⅛" (206mm)
Depth	2⅞" (73mm)
Mounting Dimensions	7⅝" (194mm) Bolt Circle

1. Measured in recommended enclosure
2. 6dB down point, 2 kHz octave band

Baffle Specifications

Baffle Material	18-gauge CRS
Overall Width	11½" (292mm)
Overall Height	11½" (292mm)
Depth *(Front of Baffle to Rear of Speaker)*	4.21" (107mm)
Depth *(Rear of Baffle to Rear of Speaker)*	4.07" (103mm)
Color	White

Amplifier / Control Specifications

Power Rating	9 Watts RMS into an 8Ω Load with 9VDC Input
Inputs	RJ-45 Female on PCB Accessable from Rear of Speaker
Outputs	2 Wire Main ± Terminated to Loudspeaker
Power Source	AF Compliant POE Network Switches / Local 12-18VDC PSU
Dimensions	4¼" (108mm) x 7¼" (184mm)
Mounting	Via Custom Designed CRS Bracket (Factory Assembled)
Network Control	Multicast Enabled Networks

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Applications

Atlas Sound offers a comprehensive selection of loudspeaker products to compliment ControlKom™ and Informacast® software deployments in K-12, Campus Wide Notification, Civil / Municipal, Industrial, Corporate and Health Care applications. The loudspeakers are also SIP compatible (contact Atlas Sound for SIP documentation) to allow basic functionality with most any VoIP system. In addition, Atlas Sound is actively seeking partnerships with VoIP solution providers to create custom solutions utilizing the flexible IP loudspeaker API (Application Programming Interface).

Atlas Sound IP speakers provide nearly unlimited flexibility for paging and notification systems. With IP compliant loudspeaker products from Atlas Sound, system designers and integrators will have the ability to deploy extremely large scale and complex paging systems over new or existing networks with the convenience of centralized administration by IT personnel.

Extreme cost savings can also be realized from the elimination of separate "stand alone" paging & clock / bell systems in education applications.

Available Optional Enclosures:

ENCLOSURE IS NOT INCLUDED.

SEA-I8S	Surface mount, angled enclosure for I8S, neutral white finish
SEST-I8S	Surface mount, straight enclosure for I8S, neutral white finish
FEST-I8S	Flush mount straight enclosure for I8S, reclaimed powder coat finish

Architect & Engineer Specifications

Unit shall be Atlas Sound Model I8S. The loudspeaker system shall include factory assembled loudspeaker, IP addressable PCB amplifier / control, metal baffle, and enclosure. The loudspeaker shall have a 10oz (260g) ceramic magnet and a seamless cone.

Frequency response range shall be 86Hz – 8kHz (±5dB). Sensitivity shall be 94dB average. Voice coil former shall be black anodized aluminum to help dissipate heat, have an impedance of 8Ω and a diameter of 1" (25mm). The IP addressable PCB amplifier / control shall be mounted to the rear of the loudspeaker baffle via custom designed CRS bracket. The amplifier / control PCB shall be capable of producing 9 Watts RMS with a minimum of 9VDC power provided either locally or via IEEE 802.3af compliant POE switches. Interconnect shall be via female RJ-45 connector mounted to the PCB. All control functionality of the PCB amplifier shall be determined via software. The metal loudspeaker baffle overall dimensions shall be 11½" (292mm) square. Finish shall be Atlas Sound neutral white electrostatic powder coat.

Optional enclosures shall include:

SEA-I8S	surface mount angled enclosure for I8S - neutral white finish
SEST-I8S	surface mount straight enclosure for I8S - neutral white finish
FEST-I8S	flush mount straight enclosure for I8S - reclaimed powder coat finish.

I8S (Rear)

Atlas Sound

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I8SM

IP Compliant Loudspeaker System with Internal Microphone

I8SM

Features

- IP Speakers From Atlas Sound Allow Users or System Administrators to Send Live, Prerecorded, or Ad Hoc Messages Along with Control Data to Speaker End Points Over New or Existing Multicast Enabled Local Area Networks.
- Highly Efficient 10oz Dual Cone Loudspeaker System Provides 94dB Average SPL @ 1W/1M and is Capable of 103dB @ 1 Meter Via the Rated Power of the Internal IP Addressable Amplifier
- 105˚ Dispersion in the 2kHz Octave Band (-6dB)
- Wide Frequency Response of 86Hz – 8kHz (±5dB) is Perfect for Speech and General Messaging Playback

General Description

Model I8SM from Atlas Sound consists of a factory assembled loudspeaker and baffle with PCB amplifier / control board securely mounted to the rear of the baffle via concealed weld studs. The amplifier / control board is capable of producing 9 Watts RMS into the 8Ω loudspeaker with 9VDC minimum power provided by IEEE 802.3af compliant POE switches. Local 12VDC – 18VDC PSUs may also be used instead of POE switches. Interconnection is via a board mounted female RJ-45 connector. The industry standard C10A loudspeaker used in the I8SM is a dual cone 8" (205mm) loudspeaker with a 10oz (260g) ceramic magnet. The 18-gauge construction of the metal baffle provides security and durability in commercial applications. The baffle is finished in neutral white electrostatic powder coat. An omni directional subminiature (¼" / 6mm), electret condenser microphone shall be mounted behind the perforated steel grille adjacent to the loudspeaker for 2-way communication and/or monitoring from the loudspeaker location to any PC or IP phone in the system.

Loudspeaker Specifications

Speaker Size	8" (203mm)
Power Handling	15 watts
Sensitivity (SPL @ 1W/1M)	94dB
Frequency Response[1]	86Hz – 8kHz (±5dB)
Dispersion[2]	105˚
Cone Material	Treated Paper
Surround Material & Dampening	Polymer Dampened Integral Paper Surround
Flux Density	10,600 Gauss, 1.06 Tesla
Magnet Weight	Nominal, 10oz (260g)
Basket Material	Stamped, Plated 20-gauge CRS
Voice Coil Diameter	1" (25mm)
Voice Coil Material	Copper
Voice Coil Former Material	Black Anodized Aluminum
Voice Coil Winding Width	0.225" (6mm)
Top Plate Thickness	.239" (6mm)
Diameter	8.125" (206mm)
Depth	2.875" (73mm)
Mounting Dimensions	7.625" (194mm) Bolt Circle

1. Measured in recommended enclosure
2. 6dB down point, 2kHz octave band

Microphone Specifications

Microphone Type	Omni Directional Subminiature Electret Condenser
Diameter	¼" (6mm)

Baffle Specifications

Baffle Material	18-gauge CRS
Overall Width / Height	11½" (292mm) Square
Depth *(Front of Baffle to Rear of Speaker)*	4.21" (107mm)
Depth *(Rear of Baffle to Rear of Speaker)*	4.07" (103mm)
Color	White

Amplifier / Control Specifications

Power Rating	9 Watts RMS into an 8Ω Load with 9VDC Input
Inputs	RJ-45 Female on PCB Accessable from Rear of Speaker
Outputs	2 Wire Main ± Terminated to Loudspeaker
Power Source	AF Compliant POE Network Switches / Local 12-18VDC PSU
Dimensions	4¼" (108mm) x 7¼" (184mm)
Mounting	4 Holes to Weld Studs on Baffle (Factory Assembled)
Network Control	Multicast Enabled Networks

GPI Specifications

Relay Output	50V at 500mA Max
Input	Minimum 1mA to run on 50V Max

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Applications

Atlas Sound offers a comprehensive selection of loudspeaker products to compliment Prerecorded, or Ad ™ and Informacast® (Cisco®) software deployments in K-12, Campus Wide Notification, Civil / Municipal, Industrial, Corporate, and Health Care applications. The loudspeakers are also SIP compatible (contact Atlas Sound for SIP documentation) to allow basic functionality with most any VoIP system. In addition, Atlas Sound is actively seeking partnerships with VoIP solution providers to create custom solutions utilizing the flexible IP loudspeaker API (Application Programming Interface).

Atlas Sound IP speakers provide nearly unlimited flexibility for paging and notification systems. With IP compliant loudspeaker products from Atlas Sound, system designers and integrators will have the ability to deploy extremely large scale and complex paging systems over new or existing networks with the convenience of centralized administration by IT personnel.

Extreme cost savings can also be realized from the elimination of separate "stand alone" paging & clock / bell systems in education applications.

Available Optional Enclosures:

ENCLOSURE IS NOT INCLUDED.

SEA-I8S	Surface mount, angled enclosure for I8SM, neutral white finish
SEST-I8S	Surface mount, straight enclosure for I8SM, neutral white finish
FEST-I8S	Flush mount straight enclosure for I8SM, reclaimed powder coat finish

Architect & Engineer Specifications

Unit shall be Atlas Sound Model I8SM. The loudspeaker system shall include factory assembled loudspeaker, IP addressable PCB amplifier / control, metal baffle, and microphone. The loudspeaker shall have a 10oz (260g) ceramic magnet and a seamless cone.

Frequency response range shall be 86Hz – 8kHz (±5dB). Sensitivity shall be 94dB average. Voice coil former shall be black anodized aluminum to help dissipate heat, have an impedance of 8Ω and a diameter of 1" (25mm). The IP addressable PCB amplifier / control shall be mounted to the rear of the loudspeaker baffle via custom designed CRS bracket. The amplifier / control PCB shall be capable of producing 9 Watts RMS with a minimum of 9VDC power provided either locally or via AF compliant POE switches. Interconnect shall be via female RJ-45 connector mounted to the PCB. All control functionality of the PCB amplifier shall be determined via software. An omni directional subminiature (¼" / 6mm), electret condenser microphone shall be mounted behind the perforated steel grille adjacent to the loudspeaker for 2-way communication and/ or monitoring from the loudspeaker location to any PC or IP phone in the system. The microphone interface board shall include two software controlled inputs and two relay outputs. The metal loudspeaker baffle overall dimensions shall be 11½" (292mm) square. Finish shall be Atlas Sound neutral white electrostatic powder coat.

Optional enclosures shall include:

SEA-I8S	surface mount angled enclosure for I8SM - neutral white finish
SEST-I8S	surface mount straight enclosure for I8SM - neutral white finish
FEST-I8S	flush mount straight enclosure for I8SM - reclaimed powder coat finish.

I8SM
(Back)

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I8SC

IP Compliant Clock / Loudspeaker System

I8SC

Features

- IP Speakers From Atlas Sound Allow Users or System Administrators to Send Live, Prerecorded, or Ad Hoc Messages Along with Control Data to Speaker End Points Over New or Existing Multicast Enabled Local Area Networks.
- Highly Efficient 10oz Dual Cone Loudspeaker System Provides 94dB Average SPL @ 1W/1M and is Capable of 103dB @ 1 Meter Via the Rated Power of the Internal IP Addressable Amplifier
- 105˚ Dispersion in the 2kHz Octave Band (-6dB)
- Wide Frequency Response of 86Hz – 8kHz (±5dB) is Perfect for Speech and General Messaging Playback
- Network Controlled, High Visibility Red LED Clock

General Description

Model I8SC from Atlas Sound consists of a factory assembled loudspeaker, LED clock, baffle with PCB amplifier, and control board securely mounted to the rear of the baffle via concealed weld studs. The amplifier / control board is capable of producing 9 Watts RMS into the 8Ω loudspeaker with 9VDC minimum power provided by IEEE 802.3af compliant POE switches. Local 12VDC – 18VDC PSUs may also be used instead of POE switches. Interconnection is via a board mounted female RJ-45 connector. The industry standard C10A loudspeaker used in the I8SC is a dual cone 8" (205mm) loudspeaker with a 10oz (260g) ceramic magnet. The LED clock is a dot matrix 32x8 LED display. The 18-gauge construction of the metal baffle provides security and durability in commercial applications. The baffle is finished in neutral white electrostatic powder coat.

Loudspeaker Specifications

Speaker Size	8" (203mm)
Power Handling	15 watts
Sensitivity (SPL @ 1W/1M)	94dB
Frequency Response[1]	86Hz – 8kHz (± 5dB)
Dispersion[2]	105˚
Cone Material	Treated Paper
Surround Material & Dampening	Polymer Dampened Integral Paper Surround
Flux Density	10,600 Gauss, 1.06 Tesla
Magnet Weight	Nominal, 10oz (260g)
Basket Material	Stamped, Plated 20-gauge CRS
Voice Coil Diameter	1" (25mm)
Voice Coil Material	Copper
Voice Coil Former Material	Black Anodized Aluminum
Voice Coil Winding Width	0.225" (6mm)
Top Plate Thickness	.239" (6mm)
Weight	32oz (908g)
Diameter	8⅛" (206mm)
Depth	2⅞" (73mm)
Mounting Dimensions	7⅝" (194mm) Bolt Circle

1. Measured in recommended enclosure
2. 6dB down point, 2kHz octave band

Clock Specifications

Display	32x8 LED Dot Matrix
LEDs Per Character	40
Character Height	2½" (64mm)
Character Width	1¼" (32mm)
Viewable Clock Surface	9½" (241mm) x 2½" (64mm)
Clock Control	Multicast Enabled Networks

Baffle Specifications

Baffle Material	18-gauge CRS
Overall Width	12.88" (327mm)
Overall Height	14.38" (365mm)
Depth *(Front of Baffle to Rear of Speaker)*	4.21" (107mm)
Depth *(Rear of Baffle to Rear of Speaker)*	4.07" (103mm)
Color	White

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Amplifier / Control Specifications

Power Rating	9 Watts RMS into an 8Ω Load with 9VDC Input
Inputs	RJ-45 Female on PCB Accessable from Rear of Speaker
Outputs	2 Wire Main ± Terminated to Loudspeaker
Power Source	IEEE 802.3af Compliant POE Network Switches / Local 12VDC – 18VDC PSU
Dimensions	4¼" (108mm) x 7¼" (184mm)
Mounting	4 Holes to Weld Studs on Baffle (Factory Assembled)
Network Control	Multicast Enabled Networks

Available Optional Enclosures:

ENCLOSURE IS NOT INCLUDED.

SEA-I8SC	Surface mount, angled enclosure for I8SC, neutral white finish
SEST-I8SC	Surface mount, straight enclosure for I8SC, neutral white finish
FEST-I8SC	Flush mount straight enclosure for I8SC, reclaimed powder coat finish

I8SC
(Rear)

Architect & Engineer Specifications

Unit shall be Atlas Sound Model I8SC. The loudspeaker system shall include factory assembled loudspeaker, IP addressable PCB amplifier / control, LED clock, and metal baffle. The loudspeaker shall have a 10oz (260g) ceramic magnet and a seamless cone.

Frequency response range shall be 86Hz – 8kHz (±5dB). Sensitivity shall be 94dB average. Voice coil former shall be black anodized aluminum to help dissipate heat, have an impedance of 8Ω and a diameter of 1" (25mm). The IP addressable PCB amplifier / control shall be mounted to the rear of the loudspeaker baffle via concealed weld studs. The amplifier / control PCB shall be capable of producing 9 Watts RMS with a minimum of 9VDC power provided either locally or via IEEE 802.3af compliant POE switches. Interconnect shall be via female RJ-45 connector mounted to the PCB. The 32x8 dot matrix LED clock shall include 40 red LEDs per character. Each character shall be 2½" (64mm) high by 1¼" (32mm) wide. Overall viewable dimensions of the LED clock face shall be 9½" (241mm) wide by 2½" (64mm) tall. All control functionality of the PCB amplifier and clock control shall be determined via software. The metal loudspeaker baffle overall dimensions shall be 12.88" (327mm) wide by 14.38" (365mm) tall. Baffle construction shall be of 18-gauge cold rolled steel with a 9⅛" (232mm) wide by 6⅞" (175mm) 22-gauge perforated metal screen spot welded over the loudspeaker cut-out. Finish shall be Atlas Sound neutral white electrostatic powder coat.

Optional enclosures shall include:

SEA-I8SC	surface mount angled enclosure for I8SC neutral white finish
SEST-I8SC	surface mount straight enclosure for I8SC neutral white finish
FEST-I8SC	flush mount straight enclosure for I8SC reclaimed powder coat finish.

I8SCM

IP Compliant Clock / Loudspeaker System

I8SCM

Features

- IP Speakers From Atlas Sound Allow Users or System Administrators to Send Live, Prerecorded or Ad Hoc Messages Along with Control Data to Speaker End Points Over New or Existing Multicast Enabled Local Area Networks.
- Highly Efficient 10oz Dual Cone Loudspeaker System Provides 94dB Average SPL @ 1W/1M and is Capable of 103dB @ 1 Meter Via the Rated Power of the Internal IP Addressable Amplifier
- 105˚ Dispersion in the 2kHz Octave Band (-6dB)
- Wide Frequency Response of 86Hz – 8kHz (±5dB) is Perfect for Speech and General Messaging Playback
- Network Controlled, High Visibility Red LED Clock

General Description

Model I8SCM from Atlas Sound consists of a factory assembled loudspeaker, LED clock, baffle with PCB amplifier, and control board securely mounted to the rear of the baffle via concealed weld studs. The amplifier / control board is capable of producing 9 Watts RMS into the 8Ω loudspeaker with 9VDC minimum power provided by IEEE 802.3af compliant POE switches. Local 12VDC – 18VDC PSUs may also be used instead of POE switches. Interconnection is via a board mounted female RJ-45 connector. The industry standard C10A loudspeaker used in the I8SCM is a dual cone 8" (205mm) loudspeaker with a 10oz (260g) ceramic magnet. The LED clock is a dot matrix 32x8 LED display. The 18-gauge construction of the metal baffle provides security and durability in commercial applications. The baffle is finished in neutral white electrostatic powder coat.

Loudspeaker Specifications

Speaker Size	8" (203mm)
Power Handling	15 watts
Sensitivity (SPL @ 1W/1M)	94dB
Frequency Response[1]	86Hz – 8kHz (±5dB)
Dispersion[2]	105˚
Cone Material	Treated Paper
Surround Material & Dampening	Dampened Self-Storage
Flux Density	10,600 Gauss, 1.06 Tesla
Magnet Weight	Nominal, 10oz (260g)
Basket Material	Stamped, Plated 20-gauge CRS
Voice Coil Diameter	1" (25mm)
Voice Coil Material	Copper
Voice Coil Former Material	Black Anodized Aluminum
Voice Coil Winding Width	0.225" (6mm)
Top Plate Thickness	.239" (6mm)
Weight	32oz (908g)
Diameter	8⅛" (206mm)
Depth	2⅞" (73mm)
Mounting Dimensions	7⅝" (194mm) Bolt Circle

1. Measured in recommended enclosure
2. 6dB down point, 2kHz octave band

Microphone Specifications

Microphone Type	Omni Directional Subminiature Electret Condenser
Diameter	¼" (6mm)

Clock Specifications

Display	32x8 LED Dot Matrix
LEDs Per Character	40
Character Height	2½" (64mm)
Character Width	1¼" (32mm)
Viewable Clock Surface	9½" (241mm) x 2½" (64mm)
Clock Control	Multicast Enabled Networks

Baffle Specifications

Baffle Material	18-gauge CRS
Overall Width	12.88" (327mm)
Overall Height	14.38" (365mm)
Depth *(Front of Baffle to Rear of Speaker)*	4.21" (107mm)
Depth *(Rear of Baffle to Rear of Speaker)*	4.07" (103mm)
Color	White

GPI Specifications

Relay Output	50V at 500mA Max
Input	Minimum 1mA to run on 50V Max

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Amplifier / Control Specifications

Power Rating	9 Watts RMS into an 8Ω Load with 9VDC Input
Inputs	RJ-45 Female on PCB Accessable from Rear of Speaker
Outputs	2 Wire Main ± Terminated to Loudspeaker
Power Source	IEEE 802.3af Compliant POE Network Switches / Local 12VDC – 18VDC PSU
Dimensions	4¼" (108mm) x 7¼" (184mm)
Mounting	4 Holes to Weld Studs on Baffle (Factory Assembled)
Network Control	Multicast Enabled Networks

Available Optional Enclosures:

ENCLOSURE IS NOT INCLUDED.

SEA-I8SC	Surface mount, angled enclosure for I8SCM, neutral white finish
SEST-I8SC	Surface mount, straight enclosure for I8SCM, neutral white finish
FEST-I8SC	Flush mount straight enclosure for I8SCM, reclaimed powder coat finish

I8SCM (Rear)

Architect & Engineer Specifications

Unit shall be Atlas Sound Model I8SCM. The loudspeaker system shall include factory assembled loudspeaker, IP addressable PCB amplifier / control, LED clock, microphone, and metal baffle. The loudspeaker shall have a 10oz (260g) ceramic magnet and a seamless cone.

Frequency response range shall be 86Hz – 8kHz (±5dB). Sensitivity shall be 94dB average. Voice coil former shall be black anodized aluminum to help dissipate heat, have an impedance of 8Ω and a diameter of 1" (25mm). The IP addressable PCB amplifier / control shall be mounted to the rear of the loudspeaker baffle via concealed weld studs. The amplifier / control PCB shall be capable of producing 9 Watts RMS with a minimum of 9VDC power provided either locally or via IEEE 802.3af compliant POE switches. Interconnect shall be via female RJ-45 connector mounted to the PCB. The 32x8 dot matrix LED clock shall include 40 red LEDs per character. Each character shall be 2½" (64mm) high by 1¼" (32mm) wide. Overall viewable dimensions of the LED clock face shall be 9½" (241mm) wide by 2½" (64mm) tall. A subminiature (¼" / 6mm), electret condenser microphone shall be mounted behind the perforated steel material adjacent to the loudspeaker locations to allow 2-way communication and/or monitoring from the loudspeaker location to any PC or IP phone in the system. All control functionality of the PCB amplifier and clock control shall be determined via software. The metal loudspeaker baffle overall dimensions shall be 12.88" (327mm) wide by 14.38" (365mm) tall. Baffle construction shall be of 18-gauge cold rolled steel with a 9⅛" (232mm) wide by 6⅞" (175mm) 22-gauge perforated metal screen spot welded over the loudspeaker cut-out. Finish shall be Atlas Sound neutral white electrostatic powder coat.

Optional enclosures shall include:

SEA-I8SC	surface mount angled enclosure for I8SCM neutral white finish
SEST-I8SC	surface mount straight enclosure for I8SCM neutral white finish
FEST-I8SC	flush mount straight enclosure for I8SCM reclaimed powder coat finish.

IHVP

IP Compliant Vandal Proof Horn Loudspeaker

IHVP
(Shown with SEST-IH Enclosure)

Features

- Use with ControlKom™ or InformaCast® Software to Send Live, Prerecorded or Ad Hoc Messages Along with Control Data to Atlas Sound IP Speaker and Zone Controller End Points Over New or Existing Multicast Enabled Local Area Networks.
- Also Compatible with SIP (Session Initiation Protocol) VoIP Systems. Contact Atlas Sound for SIP Configuration Info.
- Highly Efficient APF Horn Loudspeaker System Provides 104dB Average SPL @ 1W/1M and is Capable of 113dB @ 1 Meter Via the Rated Power of the Internal IP Addressable Amplifier.
- 95° Dispersion in the 2kHz Octave Band (-6dB)
- Frequency Response of 700Hz – 5.5kHz (±5dB) is Perfect for High Intelligibility Speech and General Messaging Playback.

General Description

Model IHVP from Atlas Sound consists of a factory assembled horn loudspeaker, baffle with PCB amplifier / control board securely mounted to the rear of the baffle via concealed weld studs.

The amplifier / control board is capable of producing 9 Watts RMS into the 8Ω loudspeaker with 9VDC minimum power provided by IEEE 802.3af compliant POE switches (local 12VDC – 18VDC PSUs may also be used instead of POE switches). Interconnection is via a board mounted female RJ-45 connector.

The industry standard APF-15 loudspeaker used in the IHVP is a highly efficient 15 Watt compression driver with a proven record of outstanding service and reliability. A double re-entrant design provides superior audibility of voice and tone signaling.

The vandal resistant, cast aluminum alloy baffle provides security and durability in commercial applications. A perforated 22-gauge stainless steel metal screen is provided over the loudspeaker to maximize protection and performance by allowing the optimum percentage of open area forward of the loudspeaker.

The baffle is finished in neutral white electrostatic powder coat and is packaged with all necessary vandal resistant mounting screws.

Loudspeaker Specifications

Power Handling	15 Watts Continuous
Sensitivity	120dB / 15 Watts (peak) 114dB / 15 Watts @ M (avg) 700Hz – 5.5kHz 104dB 1W/1M (avg) 700Hz – 5.5kHz
Frequency Response	600Hz – 14kHz (nominal) 700Hz – 5.5kHz (±5dB)
Dispersion	95° (-6dB, 2kHz Octave Band)
Diameter	5⅝"
Depth	3 7/16"
Flange Diameter	6 15/16"
Mounting	4 holes to weld studs on baffle (factory assembled)
Finish	Grey Baked Epoxy

Baffle Specifications

Baffle Material	Cast Aluminum
Speaker Grille Material	22-gauge Perforated Stainless Steel
Height / Width	10¾" (273mm) Square
Depth	1" (25mm)
Color	White

Amplifier / Control Specifications

Power Rating	9 Watts RMS into an 8Ω load with 9VDC In
Input	RJ-45 female on PCB accessible from rear of baffle
Outputs	2 wire main ± terminated to loudspeaker
Power Source	IEEE 802.3af compliant POE network switches or local 12VDC – 18VDC PSU
Dimensions	4¼" (108mm) x 7¼" (184mm)
Mounting	Custom Designed Bracket w/ 2 Self Tapping Screws (factory assembled)
Network Control	multicast enabled networks

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Applications

The perfect choice for education, military / government, and large-scale corporate applications, the InformaCast IP Broadcasting Solution revolutionizes communication, clock / bell, and message playback functionality. It provides the capability to simultaneously send a multicast audio stream and text messages to any combination of IP phones, Atlas Sound IP speakers, and PCs. With the push of a single button on the phone or a single click from a PC, a user can send a live, recorded, or scheduled broadcast to one or more paging groups. With IP compliant loudspeaker products from Atlas Sound, system designers and integrators will have the ability to deploy extremely large scale and complex paging systems over new or existing networks with the convenience of centralized administration by IT personnel.

Extreme cost savings can also be realized from the elimination of separate "stand alone" paging systems when ControlKom is utilized in education applications in conjunction with Atlas Sound speaker systems.

Available Optional Enclosures:

ENCLOSURE IS NOT INCLUDED.

SEST-IH	Surface mount, straight enclosure for IHVP, stainless steel construction, neutral white finish
FEST-IH	Flush mount straight enclosure for IHVP, stainless steel construction, no finish

Architect & Engineer Specifications

Unit shall be Atlas Sound Model IHVP. The loudspeaker system shall include factory assembled horn loudspeaker, IP addressable PCB amplifier/control and cast aluminum alloy baffle. Loudspeaker shall be Atlas Sound Model APF-15. Unit shall be double re-entrant type with compression driver mounted within vandal-resistant housing. Audio power capability shall be 15 Watts continuous. Frequency response shall be 600Hz – 14kHz (nominal), 700Hz – 5.5kHz (±5dB). Sound pressure level shall be 104dB (1W/1M). Sound dispersion angle shall be 95°. Loudspeaker mounting shall be made via eight 3⁄16" (4.76mm) evenly spaced holes.

Model APF-15 dimension shall be 5⅝" (143mm) diameter x 3⁷⁄16" (87mm) deep with a 6¹⁵⁄16" (176mm) diameter flange. Finish shall be grey baked epoxy. The IP addressable PCB amplifier / control shall be mounted to the rear of the loudspeaker baffle via concealed weld studs. The amplifier / control PCB shall be capable of producing 9 Watts RMS with a minimum of 9VDC power provided either locally or via AF compliant POE switches. Interconnect shall be via female RJ-45 connector mounted to the PCB. All control functionality of the PCB amplifier shall be determined via software. The metal loudspeaker baffle overall dimensions shall be 10.75" (273mm) wide by 10.75" (273mm) tall. Construction shall be cast from self-aging aluminum alloy with a tensile strength of 44,000 P.S.I. Assembly shall include provisions to mount the re-entrant horn. 22-gauge perforated stainless screen shall be attached using 4 self tapping screws. over the loudspeaker cut-out. Flush-mounting tamperproof heat-treated alloy screws and a special wrench shall be furnished. Baffle finish shall be textured white epoxy. Optional enclosures shall include white stainless steel surface mount model SEST-IH and flush mount model FEST-IH (unfinished.)

IHVP
(Back)

Atlas Sound

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I128SYS

IP Compliant Loudspeaker System

I128SYS

Features

- IP Speakers From Atlas Sound Allow Users or System Administrators to Send Live, Prerecorded, or Ad Hoc Messages Along with Control Data to Speaker End Points Over New or Existing Multicast Enabled Local Area Networks.
- Also Compatible with SIP (Session Initiation Protocol) VoIP Systems. Contact Atlas Sound for SIP Configuration Info.
- Highly Efficient 10oz Dual Cone Loudspeaker System Provides 94dB Average SPL @ 1W/1M and Is Capable of 103dB @ 1 Meter Via the Rated Power of the Internal IP Addressable Amplifier
- 105˚ Dispersion in the 2kHz Octave Band (-6dB)
- Wide Frequency Response of 86Hz – 8kHz (±5dB) Is Perfect for Speech and General Messaging Playback
- Easy to Install 1' x 2' "Drop In" design

General Description

Model I128SYS from Atlas Sound consists of a factory assembled loudspeaker, baffle, and PCB amplifier / control board securely mounted to the rear of the baffle via concealed weld studs. The amplifier / control board is capable of producing 9 Watts RMS into the 8Ω loudspeaker with 9VDC minimum power provided by AF compliant POE switches. Local 12VDC – 18VDC PSUs may also be used instead of POE switches. Interconnection is via a board mounted female RJ-45 connector. The industry standard C10A loudspeaker used in the I128SYS is a dual cone 8" (205mm) loudspeaker with a 10oz (260g) ceramic magnet. It includes a curvelinear paper cone for lower harmonic distortion. The loudspeaker is also equipped with a full 1" (25mm) diameter copper voice coil with aluminum former for better heat dissipation. The 18-gauge construction of the metal baffle provides security and durability in commercial applications. A perforated 22-gauge metal screen is provided over the loudspeaker to maximize performance by allowing the optimum percentage of open area forward of the loudspeaker. The baffle is finished in neutral white electrostatic powder coat.

Loudspeaker Specifications

Speaker Size	8" (203mm)
Power Handling	15 Watts
Sensitivity (SPL @ 1W/1M)	94dB
Frequency Response[1]	86Hz – 8kHz (±5dB)
Dispersion[2]	105˚
Cone Material	Treated Paper
Surround Material & Dampening	Polymer dampened integral paper surround.
Flux Density	10,600 Gauss, 1.06 Tesla
Magnet Weight	Nominal, 10oz (260g)
Basket Material	Stamped, Plated 20-gauge CRS
Voice Coil Diameter	1" (25mm)
Voice Coil Material	Copper
Voice Coil Former Material	Black Anodized Aluminum
Voice Coil Winding Width	0.225" (6mm)
Top Plate Thickness	.239" (6mm)
Weight	32 oz (908 g)
Diameter	8.125 (206mm)
Depth	2.875" (73mm)
Mounting Dimensions	7.625" (194mm) Bolt Circle

1. Measured in recommended enclosure
2. 6dB down point, 2kHz octave band

Baffle Specifications

Baffle Material	18-gauge CRS
Speaker Grille Material	22-gauge Perforated Steel
Overall Width	11.94" (303mm)
Overall Height	23.67" (601mm)
Depth *(Front of Baffle to Rear of Enclosure)*	4.89" (124mm)
Color	White

Amplifier / Control Specifications

Power Rating	9 Watts RMS into an 8Ω Load with 9VDC Input
Inputs	RJ-45 Female on PCB Accessible from Rear of Speaker
Outputs	2 Wire Main ± Terminated to Loudspeaker
Power Source	IEEE 802.3af Compliant POE Network Switches or Local 12VDC - 18VDC PSU
Dimensions	4.25" (108mm) x 7.25" (184mm)
Mounting	Via Custom Designed CRS Bracket
Network Control	Multicast Enabled Networks

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Applications

The perfect choice for Education, Military / Government, and Large Scale Corporate applications. It provides the capability to simultaneously send a multicast audio stream and text messages to any combination of IP phones, Atlas Sound IP speakers, and PCs. With the push of a single button on the phone or a single click from a PC, a user can send a live, recorded, or scheduled broadcast to one or more paging groups. With IP compliant loudspeaker products from Atlas Sound, system designers and integrators will have the ability to deploy extremely large scale and complex paging systems over new or existing networks with the convenience of centralized administration by IT personnel.

Extreme cost savings can also be realized from the elimination of separate "stand alone" paging & clock / bell systems when ControlKom™ is utilized in education applications in conjunction with the model I128SYS speaker system.

Architect & Engineer Specifications

Unit shall be Atlas Sound Model I128SYS. The loudspeaker system shall include factory assembled loudspeaker, IP addressable PCB amplifier / control, metal baffle, and enclosure. The loudspeaker shall have a 10oz (260g) ceramic magnet and a seamless cone. Frequency response range shall be 86Hz – 8kHz (-5dB). Sensitivity shall be 94dB average. Voice coil former shall be black anodized aluminum to help dissipate heat, have an impedance of 8Ω and a diameter of 1" (25mm). The IP addressable PCB amplifier / control shall be mounted to the rear of the loudspeaker baffle via custom designed CRS bracket.. The amplifier / control PCB shall be capable of producing 9 Watts RMS with a minimum of 9VDC power provided either locally or via IEEE 802.3af compliant POE switches. Interconnect shall be via female RJ-45 connector mounted to the PCB. All control functionality of the PCB amplifier shall be determined via software. The metal loudspeaker baffle overall dimensions shall be 11.94" (303mm) wide by 23.67" (601mm) tall. Enclosure shall be included. Finish shall be Atlas Sound neutral white electrostatic powder coat.

I128SYS

I128SYSM

IP Compliant Loudspeaker System with Microphone

I128SYSM

Features

- IP Speakers From Atlas Sound Allow Users or System Administrators to Send Live, Prerecorded, or Ad Hoc Messages Along with Control Data to Speaker End Points Over New or Existing Multicast Enabled Local Area Networks.
- Also Compatible with SIP (Session Initiation Protocol) VoIP Systems. Contact Atlas Sound for SIP Configuration Info.
- Highly Efficient 10oz Dual Cone Loudspeaker System Provides 94dB Average SPL @ 1W/1M and Is Capable of 103dB @ 1 Meter Via the Rated Power of the Internal IP Addressable Amplifier
- 105˚ Dispersion in the 2kHz Octave Band (-6dB)
- Wide Frequency Response of 86Hz – 8kHz (-5dB) Is Perfect for Speech and General Messaging Playback
- Built-In Microphone for Half Duplex Communication

General Description

Model I128SYSM from Atlas Sound consists of a factory assembled loudspeaker, baffle, microphone, and PCB amplifier / control board securely mounted to the rear of the baffle via concealed weld studs. The amplifier / control board is capable of producing 9 Watts RMS into the 8Ω loudspeaker with 9VDC minimum power provided by IEEE 802.3af compliant POE switches. Local 12VDC – 18VDC PSUs may also be used instead of POE switches. Interconnection is via a board mounted female RJ-45 connector. The industry standard C10A loudspeaker used in the I128SYSM is a dual cone 8" (205mm) loudspeaker with a 10oz (260g) ceramic magnet. It includes a curvelinear paper cone for lower harmonic distortion. The loudspeaker is also equipped with a full 1" (25mm) diameter copper voice coil with aluminum former for better heat dissipation. An omni directional subminiature (¼" / 6mm), electret condenser microphone is mounted behind the steel perf grille adjacent to the loudspeaker for 2-way communication and/or monitoring from the loudspeaker location to any PC or IP phone in the system. The 18-gauge construction of the metal baffle provides security and durability in commercial applications. A perforated 22-gauge metal screen is provided over the loudspeaker to maximize performance by allowing the optimum percentage of open area forward of the loudspeaker. The baffle is finished in neutral white electrostatic powder coat.

Loudspeaker Specifications

Speaker Size	8" (203mm)
Power Handling	15 Watts
Sensitivity (SPL @ 1W/1M)	94dB
Frequency Response[1]	86Hz – 8kHz (±5dB)
Dispersion[2]	105˚
Cone Material	Treated Paper
Surround Material & Dampening	Dampened Self-Storage
Flux Density	10,600 Gauss, 1.06 Tesla
Magnet Weight	Nominal, 10oz (260g)
Basket Material	Stamped, Plated 20-gauge CRS
Voice Coil Diameter	1" (25mm)
Voice Coil Material	Cooper
Voice Coil Former Material	Black Anodized Aluminum
Voice Coil Winding Width	0.225" (6mm)
Top Plate Thickness	.239" (6mm)
Weight	32oz (908g)
Diameter	8.125" (206mm)
Depth	2.875" (73mm)
Mounting Dimensions	7.625" (194mm) Bolt Circle

1. Measured in recommended enclosure
2. 6dB down point, 2kHz octave band

Microphone Specifications

Microphone Type	Omni Directional Subminiature Electret Condenser
Diameter	.25" (6mm)

Baffle Specifications

Baffle Material	18-gauge CRS
Speaker Grille Material	22-gauge Perforated Steel
Overall Width	11.94" (303mm)
Overall Height	23.67" (601mm)
Depth *(Front of Baffle to Rear of Enclosure)*	4.89" (124mm)
Color	White

Amplifier / Control Specifications

Power Rating	9 Watts RMS into an 8Ω Load with 9VDC Input
Inputs	RJ-45 Female on PCB Accessible from Rear of Speaker
Outputs	2 Wire Main ± Terminated to Loudspeaker
Power Source	IEEE 802.3af Compliant POE Network Switches or Local 12VDC - 18VDC PSU
Dimensions	4.25" (108mm) x 7.25" (184mm)
Mounting	4 Holes to Weld Studs on Baffle (Factory Assembled)
Network Control	Multicast Enabled Networks

GPI Specifications

Relay Output	50V at 500mA Max
Input	Minimum 1mA to run on 50V Max

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Applications

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Extreme cost savings can also be realized from the elimination of separate "stand alone" paging & clock / bell systems when ControlKom™ is utilized in education applications in conjunction with the model I128SYSM speaker system.

Architect & Engineer Specifications

Unit shall be Atlas Sound Model I128SYSM. The loudspeaker system shall include factory assembled loudspeaker, IP addressable PCB amplifier / control, microphone for two way communication & monitoring, metal baffle, and enclosure. The loudspeaker shall have a 10oz (260g) ceramic magnet and a seamless cone. Frequency response range shall be 86Hz – 8kHz (±5dB). Sensitivity shall be 94dB average. Voice coil former shall be black anodized aluminum to help dissipate heat, have an impedance of 8Ω and a diameter of 1" (25mm). The IP addressable PCB amplifier / control shall be mounted to the rear of the loudspeaker baffle via concealed weld studs. The amplifier / control PCB shall be capable of producing 9 Watts RMS with a minimum of 9VDC power provided either locally or via IEEE 802.3af compliant POE switches. Interconnect shall be via female RJ-45 connector mounted to the PCB. An omni directional subminiature (¼" / 6mm), electret condenser microphone shall be mounted behind the perforated steel grille adjacent to the loudspeaker for 2-way communication and/or monitoring from the loudspeaker location to any PC or IP phone in the system. All control functionality of the PCB amplifier and microphone shall be determined via software. The metal loudspeaker baffle overall dimensions shall be 11.94" (303mm) wide by 23.67" (601mm) tall. Enclosure shall be included. Finish shall be Atlas Sound neutral white electrostatic powder coat. Enclosure shall be included.

I128SYSM

I8SCH

IP Compliant Clock / Horn Loudspeaker System

I8SCH

Features

- IP Speakers From Atlas Sound Allow Users or System Administrators to Send Live, Prerecorded, or Ad Hoc Messages Along with Control Data and Scrolling Text to Speaker End Points Over New or Existing Multicast Enabled Local Area Networks.
- Highly Efficient APF Horn Loudspeaker System Provides 104dB Average SPL @ 1W/1M and is Capable of 113dB @ 1 Meter Via the Rated Power of the Internal IP Addressable Amplifier.
- 95° Dispersion in the 2kHz Octave Band (-6dB)
- Frequency Response of 700Hz – 5.5kHz (±5dB) is Perfect for High Intelligibility Speech and General Messaging Playback.
- Network Controlled, High Visibility Red LED Clock

General Description

Model I8SCH from Atlas Sound consists of a factory assembled horn type loudspeaker, LED clock, baffle with PCB amplifier, and control board securely mounted to the rear of the baffle via concealed weld studs. The amplifier / control board is capable of producing 9 Watts RMS into the 8Ω loudspeaker with 9VDC minimum power provided by IEEE 802.3af compliant POE switches. Local 12VDC – 18VDC PSUs may also be used instead of POE switches. Interconnection is via a board mounted female RJ-45 connector. The industry standard APF-15 loudspeaker used in the I8SCH is a highly efficient 15 Watt compression driver with a proven record of outstanding service and reliability. A double re-entrant design provides superior audibility of voice and tone signaling.

The LED clock is a dot matrix 32x8 LED display. The 18-gauge construction of the metal baffle provides security and durability in commercial applications. The baffle is finished in neutral white electrostatic powder coat.

Loudspeaker Specifications

Power Handling	15 Watts Continuous
Sensitivity	120dB / 15 Watts (peak) 114dB / 15 Watts @ M (avg) 700Hz – 5.5kHz 104dB 1W/1M (avg) 700Hz – 5.5kHz
Frequency Response	600Hz – 14kHz (nominal) 700Hz – 5.5kHz (±6dB)
Dispersion	95° (-6dB, 2kHz Octave Band)
Diameter	5⅝" (143mm)
Depth	3⁷⁄₁₆" (87mm)
Flange Diameter	6¹⁵⁄₁₆" (176mm)
Finish	Grey Baked Epoxy

Clock Specifications

Display	32x8 LED Dot Matrix
LEDs Per Character	40
Character Height	2½" (64mm)
Character Width	1¼" (32mm)
Viewable Clock Surface	9½" (241mm) x 2½" (64mm)
Clock Control	Multicast Enabled Networks

Baffle Specifications

Baffle Material	18-gauge CRS
Overall Width	12.88" (327mm)
Overall Height	14.38" (365mm)
Depth *(Front of Baffle to Rear of Speaker)*	4.21" (107mm)
Depth *(Rear of Baffle to Rear of Speaker)*	4.07" (103mm)
Color	White

Atlas Sound

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Amplifier / Control Specifications

Power Rating	9 Watts RMS into an 8Ω Load with 9VDC Input
Inputs	RJ-45 Female on PCB Accessable from Rear of Speaker
Outputs	2 Wire Main ± Terminated to Loudspeaker
Power Source	IEEE 802.3af Compliant POE Network Switches / Local 12VDC – 18VDC PSU
Dimensions	4¼" (108mm) x 7¼" (184mm)
Mounting	4 Holes to Weld Studs on Baffle (Factory Assembled)
Network Control	Multicast Enabled Networks

Available Optional Enclosures:

ENCLOSURE IS NOT INCLUDED.

SEA-I8SC	Surface mount, angled enclosure for I8SCH, neutral white finish
SEST-I8SC	Surface mount, straight enclosure for I8SCH, neutral white finish
FEST-I8SC	Flush mount straight enclosure for I8SCH, reclaimed powder coat finish

Architect & Engineer Specifications

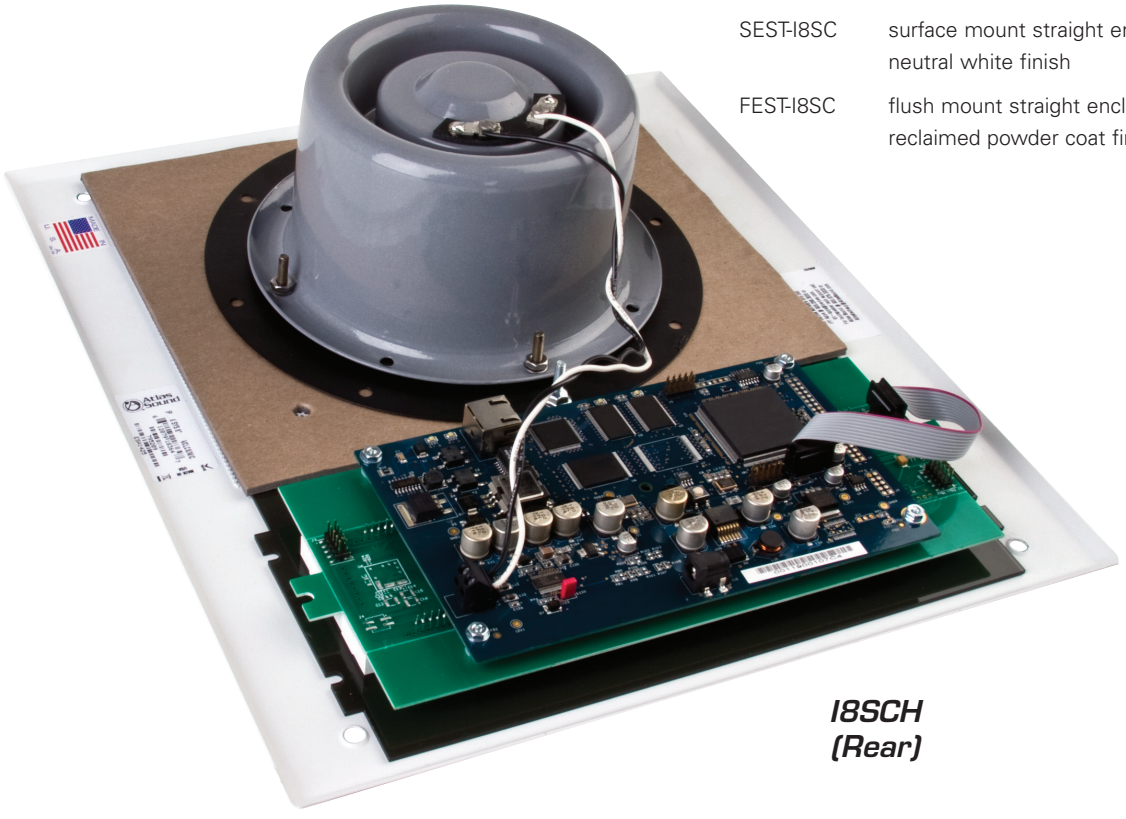
Unit shall be Atlas Sound Model I8SCH. The loudspeaker system shall include factory assembled loudspeaker, IP addressable PCB amplifier / control, LED clock, and metal baffle. Loudspeaker shall be Atlas Sound Model APF-15.

Audio power capability shall be 15 Watts continuous. Frequency response shall be 600Hz – 14kHz (nominal), 700Hz – 5.5kHz (±6dB). Sound pressure level shall be 104dB (1W/1M). Sound dispersion angle shall be 95°. Loudspeaker mounting shall be made via eight 3⁄16" (4.76mm) evenly spaced holes.

The IP addressable PCB amplifier / control shall be mounted to the rear of the loudspeaker baffle via concealed weld studs. The amplifier / control PCB shall be capable of producing 9 Watts RMS with a minimum of 9VDC power provided either locally or via IEEE 802.3af compliant POE switches. Interconnect shall be via female RJ-45 connector mounted to the PCB. The 32x8 dot matrix LED clock shall include 40 red LEDs per character. Each character shall be 2½" (64mm) high by 1¼" (32mm) wide. Overall viewable dimensions of the LED clock face shall be 9½" (241mm) wide by 2½" (64mm) tall. All control functionality of the PCB amplifier and clock control shall be determined via software. The metal loudspeaker baffle overall dimensions shall be 12.88" (327mm) wide by 14.38" (365mm) tall. Baffle construction shall be of 18-gauge cold rolled steel with a 9⅛" (232mm) wide by 6⅞" (175mm) 22-gauge perforated metal screen spot welded over the loudspeaker cut-out. Finish shall be Atlas Sound neutral white electrostatic powder coat.

Optional enclosures shall include:

SEA-I8SC	surface mount angled enclosure for I8SCH neutral white finish
SEST-I8SC	surface mount straight enclosure for I8SCH neutral white finish
FEST-I8SC	flush mount straight enclosure for I8SCH reclaimed powder coat finish.



I8SCH (Rear)

Atlas Sound

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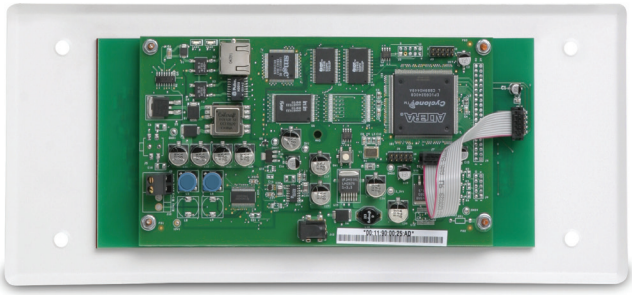
IPDC

IP Compliant Clock for Use with Singlewire InformaCast Announce Software

IPDC Front



IPDC Rear

Features

- IP Clocks From Atlas Sound Allow Users or System Administrators to Display Time and Scrolling Text Messages to Clock End Points Over New or Existing Multicast Enabled Local Area Networks
- Network Controlled, High Visibility Red LED Clock

General Description

Model IPDC from Atlas Sound consists of a factory assembeld LED clock, baffle, and control board mounted securely to the rear of the baffle via concealed weld studs. Power is provided by IEEE 802.3af compliant PoE switches. Local 12VDC – 18VDC PSUs may also be used instead of PoE switches. Interconnection is via a board mounted female RJ-45 connector. The LED clock is a dot matrix 32x8 LED display. The 18-guage contruction of the metal baffle provides security and durability in commercial applications. The baffle is finished in neutral white electrostatic powder coat.

Clock Specifications

Display	32x8 LED Dot Matrix
LEDs Per Character	40
Character Height	2½" (64mm)
Character Width	1¼" (32mm)
Veiwable Clock Surface	9½" (241mm) x 2½" (64mm)
Clock Control	Multicast Enabled Networks

Baffle Specifications

Baffle Material	18-gauge CRS
Overall Width	13.89" (352.81mm)
Overall Height	7.75" (196.85mm)
Depth *(Wall Mount)*	3.25" (82.55mm)
Depth *(Flush Mount)*	3.11" (78.99mm)
Color	White

Control Specifications

Inputs	RJ-45 Female on PCB Accessable from Rear
Power Source	IEEE 802.3af Compliant PoE Network Switches / Local 12VDC – 18VDC PSU
Dimensions	4¼" (108mm) x 7¼" (184mm)
Mounting	4 Holes to Weld Studs on Baffle (Factory Assembled)
Network Control	Multicast Enabled Networks

Applications

Atlas Sound offers a comprehensive selection of products to compliment Singlewire InformaCast software deployments in K-12, Campus Wide Notification, Civil / Municipal, Industrial, Corporate, and Health Care applications. In addition, Atlas Sound is actively seeking partnerships with VoIP solution providers to create custom solutions utilizing the flexible IP loudspeaker API (Application Programming Interface).

Atlas Sound IP clocks provide nearly unlimited flexibility for notification systems. With IP compliant clocks from Atlas Sound, system designers and integrators have the abiltity to depoly extremely large scale and complex systems over new or existing networks with the convenience of centralized administration by IT personnel.

Extreme cost savings can also be realized from the elimination of separate "stand alone" paging & clock / bell systems in education applications.

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Available Optional Enclosures

IPDC-SE	Surface Mount Enclosure for IPDC, Neutral White Finish
IPDC-SE	Flush Mount Straight Enclosure for IPDC, Neutral White Finish

Architect & Engineer Specifications

Unit shall be Atlas Sound Model IPDC. The clock system shall include factory assembled IP addressable PCB control, LED clock, and metal baffle.

The IP addressable PCB control shall be mounted to the rear of the baffle via concealed weld studs. Power provided either locally or via IEEE 802.3af compliant PoE switches. Interconnect shall be via female RJ-45 connector mounted to the PCB. The 32x8 dot matrix LED clock shall include 40 red LEDs per character. Each character shall be 2½" (64mm) high by 1¼" (32mm) wide. Overall viewable dimensions of the LED clock face shall be 9½" (241mm) wide by 2½" (64mm) tall. All control functionality of the PCB clock control shall be determined via software. The metal clock baffle overall dimensions shall be 13.89" (352.81mm) wide by 7.75" (196.85mm) tall. Baffle construction shall be of 18-gauge cold rolled steel. Finish shall be Atlas Sound neutral white electrostatic powder coat.

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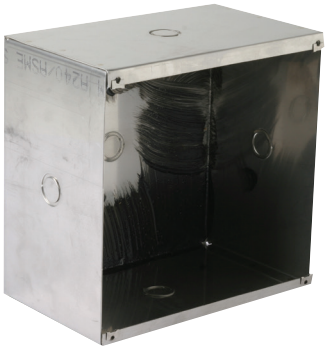
Enclosures for IP Speakers

SEA, SEST, FEST Series Enclosures

SEA Series



FEST Series

SEST Series

Features

- Enclosures Specifically Designed for Optimum Performance and Installation Ease with Atlas Sound IP Compliant Loudspeaker Systems
- Choice of Surface Mount (Straight or Slant Front Styling on I8S and I8SC Enclosures) or Flush Mount Models

Applications

Install Atlas Sound IP loudspeaker enclosures wherever requirements call for model I8S, I8SM, I8SC, I8SCM, or IHVP loudspeaker, baffle, and PCB amplifier control board systems. Units are particularly suited for use in classrooms, cafeterias, convention, and medical facilities.

General Description

SEA-I8S

Slanted surface mount enclosure is designed for use only with Atlas Sound loudspeaker system models I8S and I8SM. The slope front design allows for directional sound dispersion. The enclosure is constructed of 20-gauge CRS and finished in textured white epoxy.

SEST-I8S

Straight surface mount enclosure is designed for use only with Atlas Sound loudspeaker system models I8S and I8SM. The unit provides an architecturally pleasing appearance with crisp lines that blend well with most building interiors. The enclosure is constructed of 20-gauge CRS and finished in textured white epoxy.

FEST-I8S

Flush mount enclosure is designed for use only with Atlas Sound loudspeaker system models I8S and I8SM. The unit includes a slot style mounting system to accommodate almost any material thickness. The enclosure is constructed of 20-gauge CRS and finished in reclaimed powder coat finish.

SEA-I8SC

Slanted surface mount enclosure is designed for use only with Atlas Sound loudspeaker system models I8SC and I8SCM. The slope front design allows for directional sound dispersion. The enclosure is constructed of 20-gauge CRS and finished in textured white epoxy.

SEST-I8SC

Straight surface mount enclosure is designed for use only with Atlas Sound loudspeaker system models I8SC and I8SCM. The unit provides an architecturally pleasing appearance with crisp lines that blend well with most building interiors. The enclosure is constructed of 20-gauge CRS and finished in reclaimed powder coat finish.

FEST-I8SC

Flush mount enclosure is designed for use only with Atlas Sound loudspeaker system models I8SC, I8SCH, and I8SCM. The unit includes a slot style mounting system to accommodate most any material thickness. The enclosure is constructed of 20-gauge CRS and finished in textured white epoxy.

SEST-IH

Straight surface mount stainless steel enclosure is designed for use only with Atlas Sound loudspeaker system model IHVP. The enclosure is constructed of 18-gauge stainless steel and finished in textured white epoxy.

FEST-IH

Flush mount stainless steel enclosure is designed for use only with Atlas Sound loudspeaker system model IHVP. External mounting wings allow for easy installation into stud material. The enclosure is constructed of 18-gauge stainless steel.

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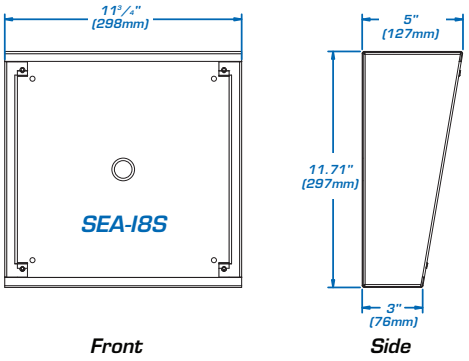
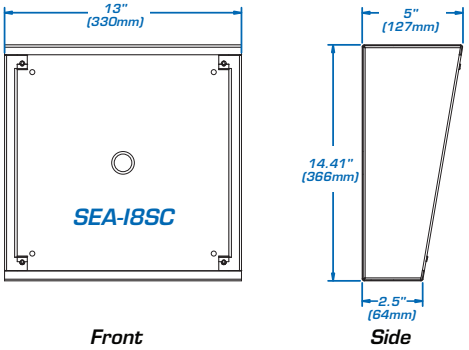
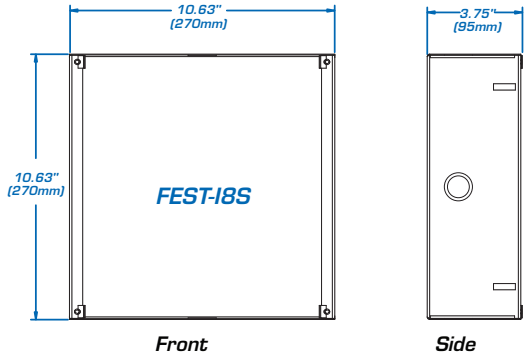
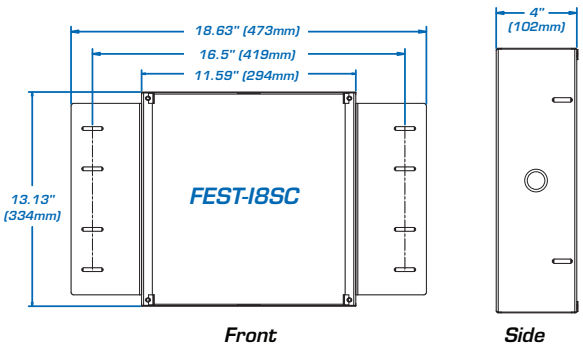


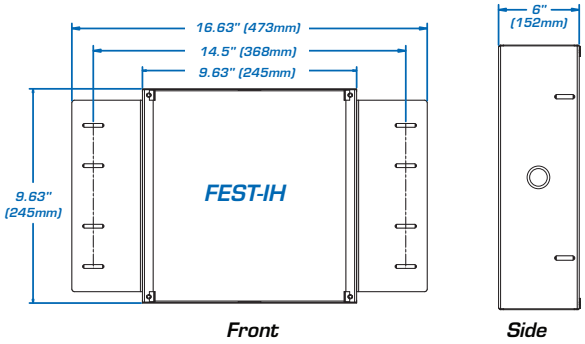


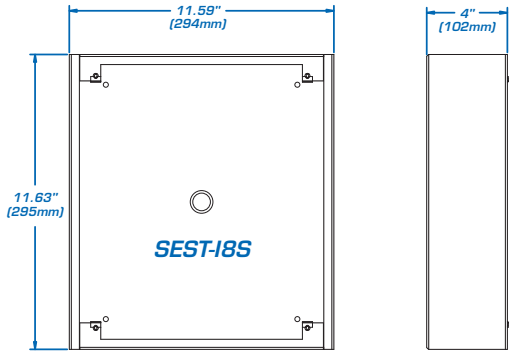


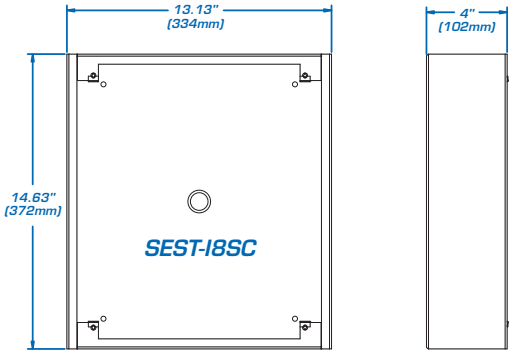


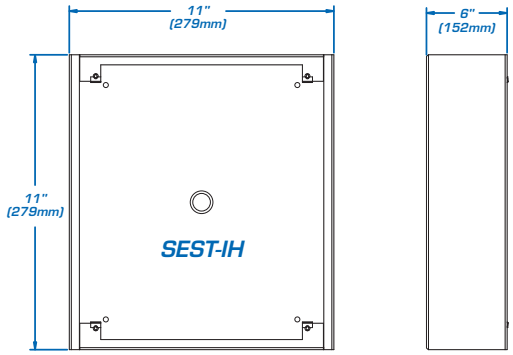
Architect & Engineer Specifications

The metal enclosure shall be Atlas Sound Model _____ or approved equal designed specifically to match with Atlas Sound loudspeaker baffle package _____. Enclosure shall be of welded 20-gauge CRS or 18-gauge stainless steel construction as specified.









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