# **Product and Services Guide — Section**

18



The sound proofing qualities of Guardian Telecom's Acoustic Booths greatly enhance communication in areas with high background noise levels, while protecting the apparatus and user from the elements.

Each acoustic booth can be fitted with accessories including strobe lights, sounders, and the SR40/60 explosion proof speaker/ringer, speaker or ringer.





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Guardian Telecom Inc. is a world class designer, manufacturer and distributor of telephone communications equipment, accessories and systems that can be found in use around the globe. Located in Calgary, Canada, our modern manufacturing facility is ISO certified, CSA, UL and ATEX approved. Offices are located in Calgary, Houston and the Middle East.

Working closely with end users we have developed and market an extensive line of high quality products for use in the demanding, industrial world. We have carried on that tradition with the design and introduction of our highly regarded Zone 1, Zone 2 and IP66 Weather Proof DTT-Z & DTR-Z models and our DTT & DTR telephones

Now, Guardian Telecom has combined the benefits of VoIP with the outstanding quality of our telephony products. A simple network connection is all that is required with Guardian Telecom's Voice over Internet Protocol (VoIP) industrial telephones.

From individual telephone units to complete systems our focus on customers' distinct needs is addressed by customizing products whenever practical. From features to colors, finishes to labels, graphics, parts, enclosures and more.

Guardian continues to build an extensive network of qualified distributors and manufacturer's representatives around the world. They are there to help you make informed decisions based on your communication needs, environmental factors, regulatory requirements, budget considerations, growth and scheduling.

Our Channel-Partner & Technical Support teams work closely with our network of distributors and manufacturer's representatives around the world and directly with clients to make sure that you receive timely attention. Their practical experience, in-depth product knowledge and understanding of client applications will help guide you through the product selection process.



Industrial Communications Worldwide

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Guardian Telecom's Product & Services Guide Catalogue is a combination of individual Category Sections which include an in-depth selection of Product Data Sheets from our extensive Product Lines including Telephones, VoIP, Page/Talk, Cable, Talk/Back, PA/GA equipment, Acoustic Booths, Loudspeakers & Ringers and Accessories at the date of publishing.

Based on a policy of continuous improvement, Guardian is constantly evaluating and redesigning existing products, adding new features and introducing new items to the benefit of our customers. Additional information can be found on our website at **www.guardiantelecom.com**.

### **Acoustic Booths**



**AB-100** 

18-1

- Powder coated sheet aluminum
- Perforated Galvanized Steel Liner
- Fully Acoustic insulation: Noise Attenuation -24 dB
- Interior and exterior use



AB-1000

18-1

- Glass Reinforced Plastic
- Maintenance free
- Interior, exterior and offshore use
- Noise Attenuation up to -25 dB depending on interior liner type
- P9035 Perforated stainless steel liner over acoustic insulation. Highly durable & vandal resistant
- P9037 Urethane coated interior
- P9038 No liner
- P9039 High performance polyurethane acoustic liner, resistant to mildew and rot. Fire retardant class "0" rating



AB-3000

18-1

- Polyethylene Plastic
- Maintenance free
- Interior, exterior and offshore use
- Noise Attenuation up to -25 dB depending on interior liner type
- P9042 High performance polyurethane acoustic liner, resistant to mildew and rot. Fire retardant class "0" rating

P9043 – No liner

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AB-100 with perforated galvanized steel liner

AB-1000 with high performance polyurethane acoustic liner<sup>1</sup>





AB-3000 with high performance polyurethane acoustic liner

The sound proofing qualities of Guardian Telecom's acoustic booths greatly enhance communication in areas with high background noise levels, while protecting the apparatus and user from the elements.







Omnidirectional Horn & Strobe



# **ACOUSTIC BOOTHS** AB-100/AB-1000/AB-3000

### **FEATURES** and **BENEFITS**

### AB-100 - Sheet Aluminum

- Sheet Aluminum construction, powder coated
- · Acoustic insulation: Noise Attenuation 24 dB
- · Convenient writing shelf
- · Metal mounting brackets included
- Can be used both indoors and outdoors. Not for use around salt water environments.

### AB-1000 - Glass Reinforced Plastic

- Durable, lightweight reinforced laminate-fiberglass construction
- Noise Attenuation up to 25 dB depending on interior liner type
- Standard color yellow (optional colors available, see back page<sup>1</sup>)
- Completely maintenance free, UV and corrosion resistant, impervious to chemical attack
- · Convenient writing shelf
- Encapsulated strong points to securely mount stations and accessories
- · Can be used both indoors, outdoors and offshore

### AB-3000 – Polyethylene Plastic

- · Durable, lightweight, chemical resistant body
- · Acoustic insulation: Noise Attenuation up to 25 dB depending on interior liner type
- · Excellent low temperatures impact properties
- Polyethylene material ANSI/UL94 flammability approved
- High performance polyurethane acoustic liner, resistant to mildew and rot. Fire retardant class "0" rating
- Standard color yellow (optional colors available, see back page<sup>1</sup>)
- · Completely maintenance free, UV and corrosion resistant, impervious to chemical attack
- · Convenient writing shelf
- · Drainage holes to prevent water accumulation
- Can be used both indoors, outdoors and offshore

### **APPLICATIONS**

- Refineries Factories
- Nuclear facilities
- Steel mills
- Aerospace
- Chemical plants

- Mines
- Bulk loading stations

- Drilling rigs
- Offshore platforms (AB-1000 and AB-3000 only)
- Any high noise industrial location and more . . .

### **ACCESSORIES and OPTIONS**

Each Acoustic Booth can be fitted with a Guardian telephone suited for specific needs and requirements, and equipped with:

- An assortment of rugged industrial speakers including the SR40 explosion proof speaker/ringer, speaker or ringer (up to 110 dB)
- Strobe light
- Combination strobe light & sounder

### OVERALL DIMENSIONS AB-100 Acoustic Booth (Sheet Aluminum)

**Body Construction** Body Dimensions (HxWxD) Net Weight Shippina Weight

Shipping Dimensions (LxWxD) Finish l iner

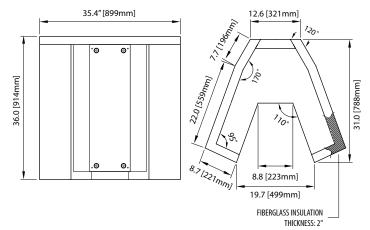
ORDERING INFORMATION

Acoustic Insulation Standard Mounting **Optional Mounting** 

14 Ga Aluminum Outer Shell 36" x 36" x 31" ( 914 x 914 x 788 mm ) 100 lbs (45.4 kg) w/o pallet 105 lbs (47.7 kg) w/pallet 135 lbs (61.3 kg) w/o pallet<sup>1</sup> 40.0" x 35.0" x 37.0" ( 102 x 89 x 94 cm ) Hammertone Grey - Powder Coated White - Zinc Dichromate Plated & Powder Coated 2" (50.8mm) Semi-rigid Vertical Wall Pole or Stanchion Mount Bracket

### Warranty: One year parts and labor

Order No.	Descripti	Description					
	Shell	Perforated Galvanized Steel Liner	Fully Insulated	Noise Attenuation (Up to)			
P9010	•	•	•	24 dB			



### OVERALL DIMENSIONS AB-1000 Acoustic Booth (Glass Reinforced Plastic)

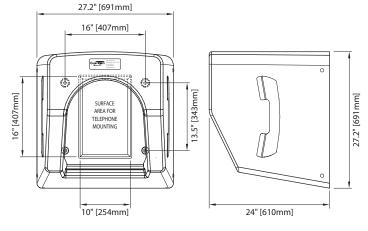
**Body Construction** Polyester/Fiberglass Reinforced Laminate Construction Net Weight Shell (P9038) 33.5 lbs (15.2 kg), Urethane (P9037) 40.0 lbs (18.2 kg) Polyurethane (P9039) 45.0 lbs (20.4 kg), Fully Lined (P9035) 45.0 lbs (20.4 kg) Shell (P9038) 36.5 lbs (16.6 kg), Urethane (P9037) 43.0 lbs (19.5 kg) Shipping Weight

Polyurethane (P9039) 48.0 lbs (21.8 kg), Fully Lined (P9035) 48.0 lbs (21.8 kg)

Shipping Dimensions ( L x W x D ) 28.0" x 25.0" x 28.0" (71 x 64 x 71 cm) Finish Polyester Gelcoat Moulded into Finish Standard Mounting Vertical Wall Yellow - Custom Colors Available<sup>2</sup> Standard Color

### ORDERING INFORMATION Warranty: One year parts and labor

Order No.	Des	scription				
	Shell	Urethane Coated Interior	Stainless Steel Liner	Acoustic Insulation	Polyurethane Acoustic Insulation	Noise Attenuation (Up to)
P9035	•		•	•		23 dB
P9037	•	•				11 dB
P9038	•					8 dB
P9039	•				•	25 dB



### OVERALL DIMENSIONS AB-3000 Acoustic Booth (Polyethylene Plastic)

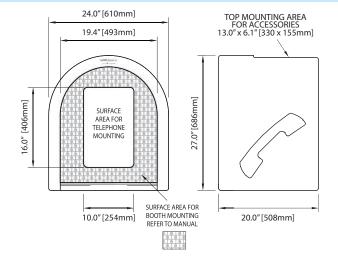
**Body Construction** Polyethylene Plastic Body Dimensions (HxWxD) 27" x 24" x 20" (686 x 610 x 508 mm) Net Weight Polyurethane (P9042) 29 lbs (13.16 kg), Shell (P9043) 19.0 lbs (8.6 kg) Shipping Weight Polyurethane (P9042) 34 lbs (15.5 kg), Shell (P9043) 24.0 lbs (10.9 kg) Shipping Dimensions (LxWxD) 28.0" x 25.0" x 28.0" (71 x 64 x 71 cm) Acoustic Insulation Polyurethane Standard Mounting Vertical Wall

### ORDERING INFORMATION

### Warranty: One year parts and labor

Order No.	Description		
	Shell	Polyurethane Acoustic Liner	Noise Attenuation (Up to)
P9042	•	•	25 dB
P9043	•		8 dB

Distributed by:



<sup>1</sup>Telephones & accessories are sold separately. Shown for representation only.

<sup>2</sup>Minimum quantities or premiums may apply.

For details on custom options contact a Guardian Telecom sales representative.





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### Guardian



- ► About Guardian Telecom
- Building on a legacy of design and service
- · Communications: Easy, Reliable and Safe
- · More Choices, Selections and Services
- · Standard Features
- Options & Accessories

- Product and Project Consultation
- Commissioning Services
- Sound Studies
- Training
- · Maintenance, Cleaning, Trouble Shooting & Refurbishment
- · Custom Design
- · Page/Talk, Telephone, PA/GA and Talk/Back Systems
- · Standards and Classifications
- ► Knowledge Base
- ► Glossary

### **Products**

### Analog **Telephones**

















## **VoIP Telephones**















### **Third-Party Page Station** Replacement









### PA/GA



**Acoustic Booths** 



### Loudspeakers/Ringers











Guardian represents DNH, Federal Signal, MEDC and TOA, and has access to an extensive range of world class leading manufacturers.



**Accessories** & Enclosures





### **Product Index**

Guardian Telecom





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