



Acoustic Booth

Model AB100

Installation & Operation



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Package Contents

- (1) AB100 Acoustic Booth
- (1) Installation Manual

Model

- **P9010** AB100-A Acoustic Booth (Aluminum)

Accessories and Options

- Strobe Lights
- Fluorescent Interior Light
- SR40 Explosion Proof Speaker/Ringer 110 dB
- CE20 Explosion Proof Line Powered Ringer 90 dB
- Industrial Loud Ringers
- Industrial and Hazardous Area Telephones for all Applications

Overview

AB100 Acoustic Booth

The AB100 Acoustic Booth provides privacy and a comfortable environment in which to hold a telephone conversation by dampening surrounding noises 20 dB or more.

Features

- constructed of sheet aluminum or steel
- powder coated finish
- convenient shelf for writing
- 50mm (2") insulation behind perforated steel walls on the top and two sides of the triangular booth

Installing the AB100

- **WARNING**

The AB100 is large, heavy and has sharp corners. It should always be handled by more than one person.

- Follow all local codes and requirements when installing the AB100 Acoustic Booth.
- Choose a wall location that is free of obstructions and permits space for installation and wiring.
- Ensure that the mounting can support the weight of the booth with communication device installed, plus any wind force and/or body weight that may be encountered.
- If appropriate install roughed-in wiring and conduit to the cable entry points of the booth.
- Secure the unit to the surface selected. Use 5/16" (8mm) bolts and washers or equivalent to secure the unit.
- The AB100 Acoustic Booth is now ready to receive the communication device with associated wiring. The mounting plate has a number of pre-drilled holes to suit a variety of communication devices. If necessary the mounting plate may be removed by taking out the ten screws with which it is secured, in order to drill additional holes.
- Connect an approved earth ground to the body of the booth.

See: Figures 1-3 for dimensions.

Tip: The AB100 Acoustic Booth weighs 34 kg (75 lbs.) aluminum model

See: Figure 3 - Bottom View

See: Figure 3 - Bottom View

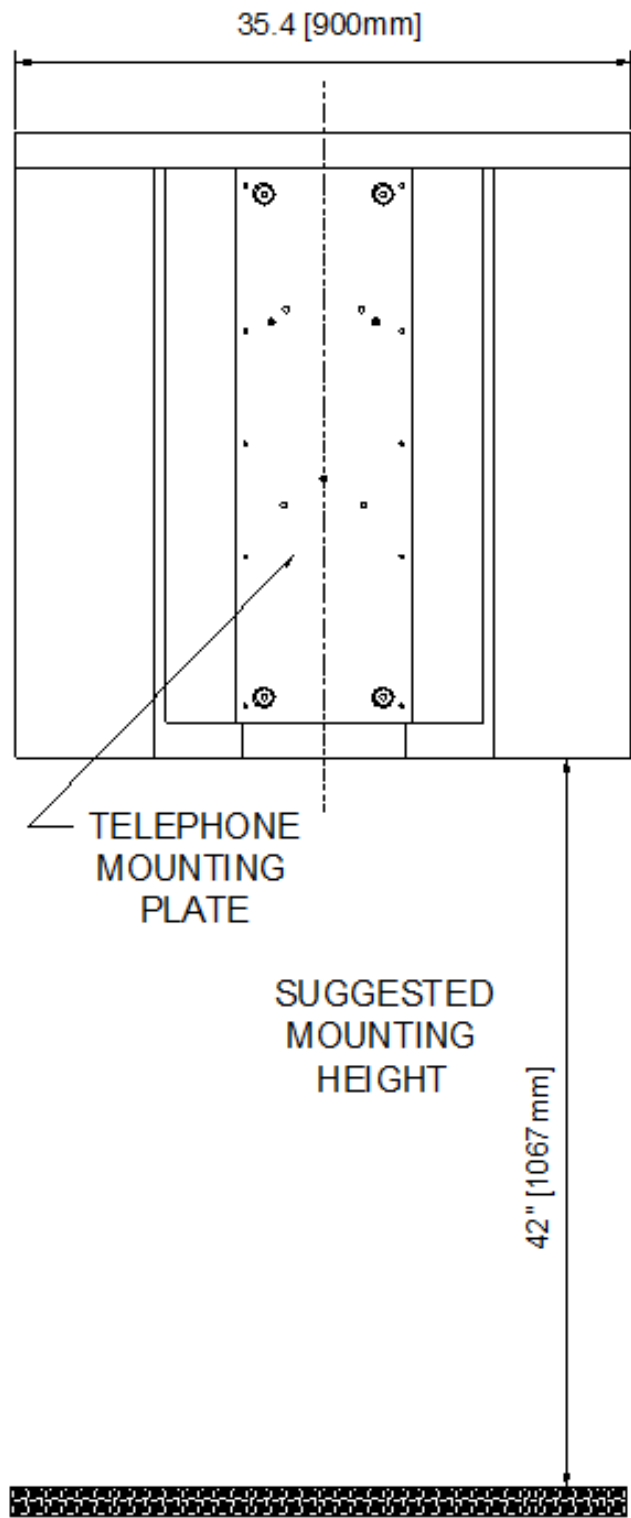


Figure 1 - Front View

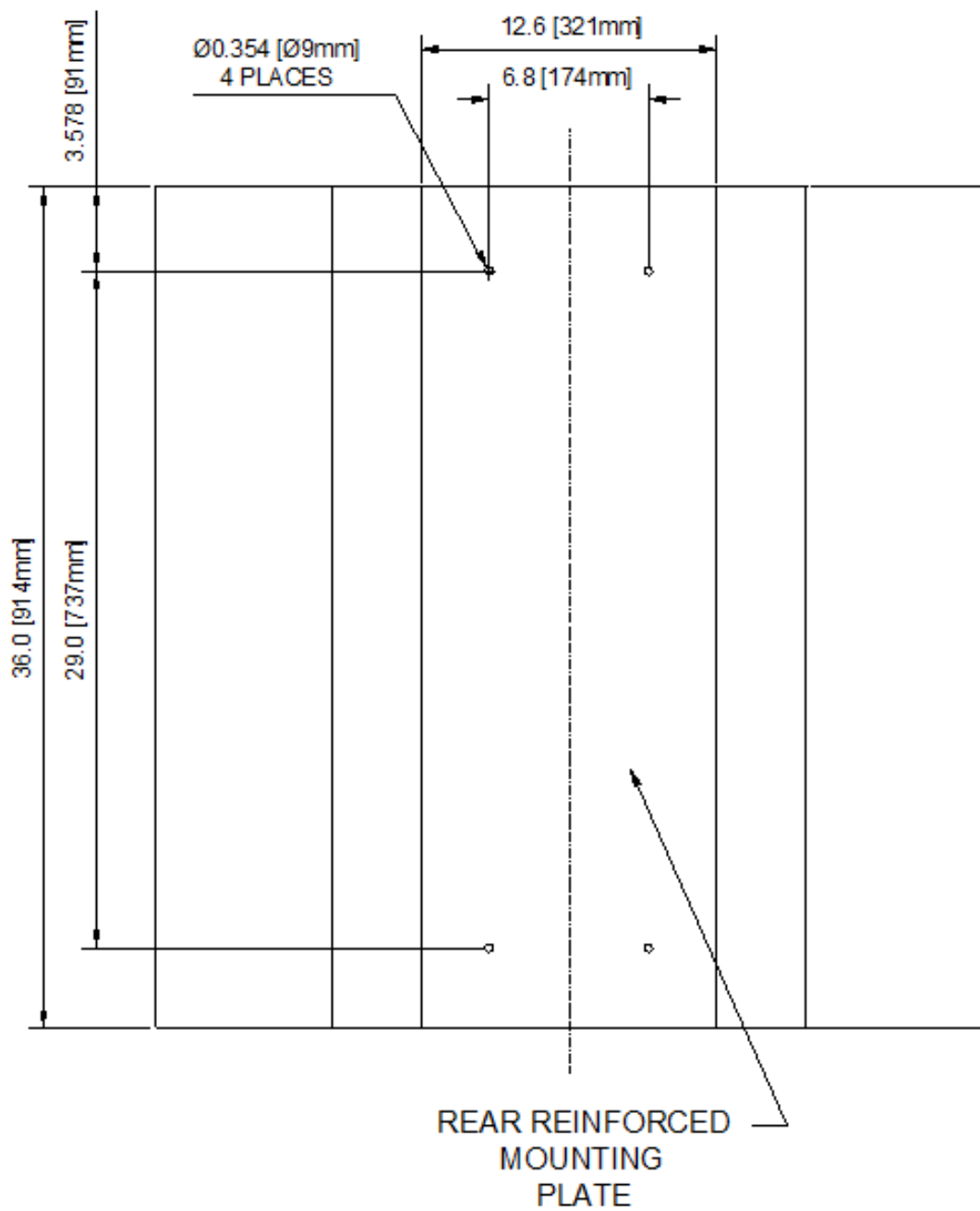


Figure 2 - Rear View

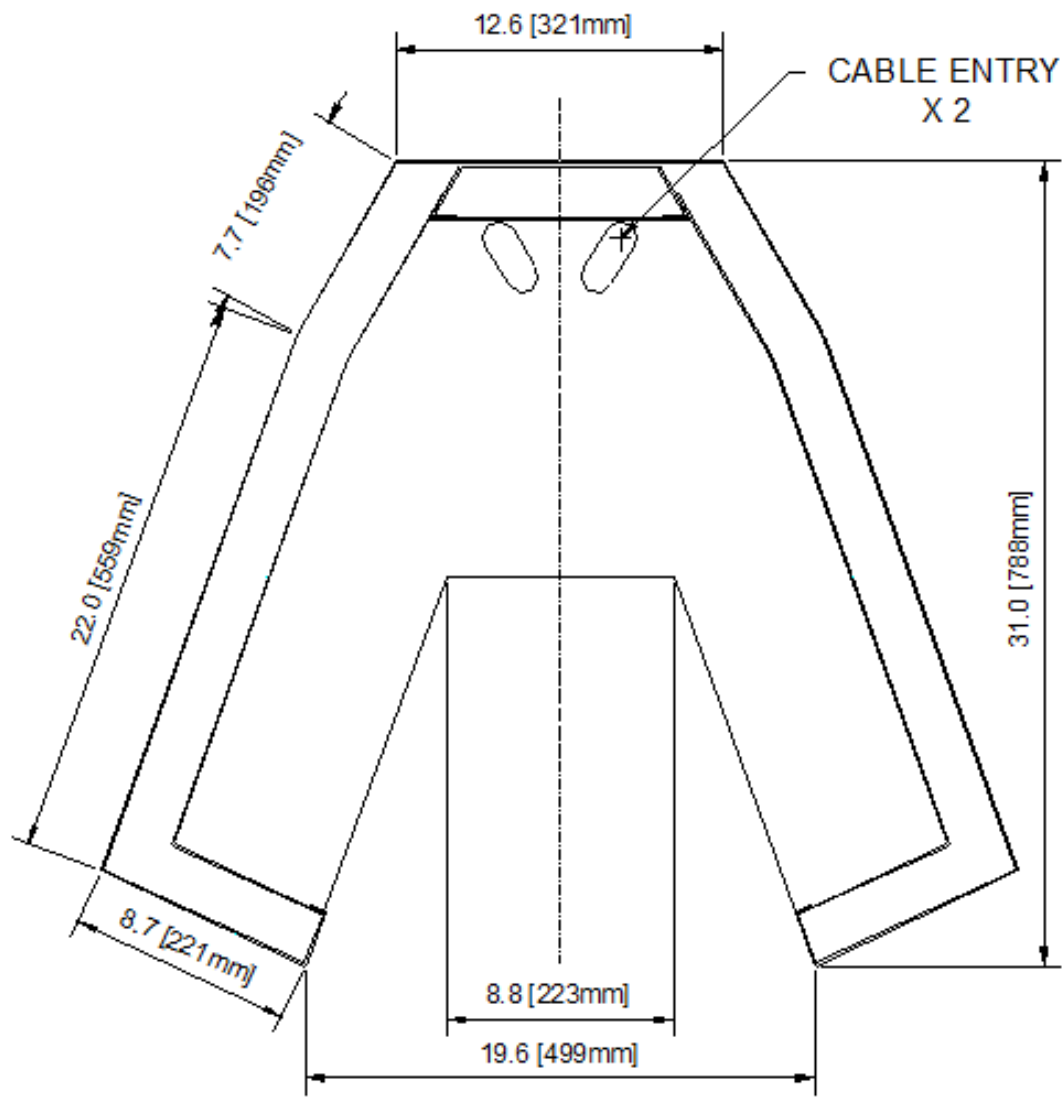


Figure 3 - Bottom View

Specifications	
<i>Mechanical</i>	
BODY CONSTRUCTION	14 GAUGE ALUMINUM OUTER SHELL
ACOUSTIC INSULATION	2 INCHES (5 CM) SEMI-RIDGID FIBERGLASS
DIMENSIONS (H X W X D)	36 X 36 X 31 INCHES (914 X 914 X 788 MM)
NET WEIGHT	100 LBS (45.4 KG)
SHIPPING DIMENSIONS	40 X 35 X 37 INCHES (1020 X 890 X 940 MM)
SHIPPING WEIGHT	105 LBS. (47.7 KG)
FINISH	POWDER COAT
STANDARD MOUNTING	VERTICAL WALL
OPTIONAL MOUNTING	PEDESTAL
<i>Environmental</i>	
ACOUSTIC DAMPENING	24 dB

Warranty

Guardian Telecom warrants your product to be free of defects in material and workmanship for a period of three years. Guardian Telecom will repair or replace any defective unit that is under warranty free of charge.

This warranty is null and void if any non-authorized modifications have been made to this product, or if it has been subjected to misuse, neglect, or accident. This warranty covers bench repairs only; such repairs must be made at Guardian Telecom or an authorized service depot. Guardian Telecom is not responsible for costs incurred for on-site service calls, freight, or brokerage.

A return authorization must be obtained prior to warranty claims or repairs.

Disclaimer

The products covered by this manual are designed for use in Industrial Environments and/or Hazardous Locations. Due to the range of possible applications for these instruments the manufacturer will not be responsible for damages or losses of any kind suffered as a result of the use of this product, including consequential damages.

Service Telephone Number

1-800-363-8010

Guardian Telecom provides a customer service telephone number which is toll-free within North America. If you need assistance when installing or operating this product, please call the toll-free telephone number between regular business hours (8:00AM-5:00PM), Mountain Standard Time. If you are calling outside of regular business hours, please leave a detailed message, and a member of Guardian Telecom's Service Department will return your call as soon as possible. If your product requires service, Guardian personnel will supply you with an RMA (return materials authorization) number over the telephone or through our web site product return page. This number must be included with your return address and the name of the person to contact.

Guardian Telecom, a division of Circa Enterprises Inc.

Toll-free 1-800-363-8010

Ph. (403) 258-3100

Fax. (403) 253-4967

www.guardiantelecom.com

Feedback

Guardian Telecom continually strives to make reliable, durable, and easy to use products. If you, as an installer or user of our equipment, have any suggestions for improvements to this or any of our products or documents, including this manual, we would appreciate hearing from you.

Guardian Product Return
Guardian products have been quality tested and are in full working order when shipped from the factory, given the rugged nature of these products shipping is not expected to damage a unit. In the unlikely event of a malfunction Guardian follows the three step procedure below.
<i>Step I - On-Site Correction</i>
<ul style="list-style-type: none">• The most common source of difficulties with a new product is improper installation in one of two ways: incorrect wiring connections or connection to an incorrect power source.
<ul style="list-style-type: none">• Product wiring needs to be properly connected to the on-site wiring. Correct wiring instructions are shown in the user manual included with the product.
<ul style="list-style-type: none">• Connecting a telephone to a standard power source, rather than tip & ring, will blow the telephone's internal, user-replaceable fuse. In the event of fuse burn-out, disconnect the telephone from the power source, replace the fuse, and reconnect following the wiring diagrams provided with the product.
<i>Step II - Return Materials Authorization (RMA)</i>
<ul style="list-style-type: none">• When a product has been installed following user manual instructions, and the unit fails to operate, the user must contact Guardian Telecom to obtain authorization to return the product. This can be done by completing an RMA form online at https://www.guardiantelecom.com/support/rma/, or by calling the service telephone number given in this manual.
<ul style="list-style-type: none">• After providing information on the product, the owner and the nature of the problem, Guardian will issue a RMA number, to be shown on documentation returned with the product.
<ul style="list-style-type: none">• In addition to the RMA number, shipping documents should include name, address and telephone number of the owner along with contact information for the person responsible for the repair and/or the user who identified the malfunction.
<ul style="list-style-type: none">• (Where a product is being returned for repair from outside of Canada, customs documentation must show the product's serial number, date of export [date of purchase], and a notation that the equipment is: "Canadian goods returning.")
<i>Step III - Factory Authorized Service</i>
<ul style="list-style-type: none">• Once received, each product is carefully inspected and tested. If the product is under warranty, repairs are completed and the product returned to the owner, generally within five working days of receipt by the factory.
<ul style="list-style-type: none">• A product that has been subjected to misuse, neglect or accident or is beyond the warranty period will be evaluated. The service department will provide the owner's representative with a repair cost estimate. Once approved, repairs are completed and the product returned, generally within five working days.

Cleaning Tips for Guardian Telephones

Guardian Telephones may occasionally need to be cleaned to maintain appearance. Generally, wiping the surface with a clean, water dampened cloth will remove most films or residues. If the soiling is too stubborn for plain water, a mild detergent solution may be used. Be sure to wipe away any detergent residue with a plain water dampened cloth. The Telephone may be cleaned with any general-purpose household glass and surface type cleaner. Do not spray the telephone directly! Spray the cleaner on a soft cloth then wipe the surface. Pre-treated cloths, like those used for eyeglasses or cameras, may be used to clean the Telephone. Premoistened towelettes may also be used, however, avoid those containing lanolin or aloe as they will leave a slippery residue. The handset and surface of the telephone may be cleaned with disinfectants used for general cleaning in a medical environment. Isopropyl alcohol may be used applied with a cloth. Avoid using alcohol on silicon based keypads, since doing so may significantly degrade legibility.

- Do not use furniture polishes, waxes or plasticizer-based cleaner (Armor All etc.)
- Do not use lanolin, aloe, glycerin or other skin care type products.
- Do not apply any solvent such as acetone, mineral spirits etc.
- Do not directly spray or immerse the handset.

Storage

General Storage (All situations):

- Note any stacking limits or warnings on packaging (if any).
- Do not store in temperatures over +80C.
- Store in original packaging if possible until needed.

Long Term Storage (> 6 Months):

- If area is air conditioned and not subject to high changes in humidity, continue to store in original packaging.
- If wide humidity shifts are expected, then use these steps:
 - Remove product from packaging (including plastic bags) and store on shelf in open air.
 - If area is subject to a high degree of dust, to help maintain cosmetic appearance you can cover with cloth (Do not cover with plastic or materials that will trap moisture) or clean periodically.
 - Do not store out of packaging long term where they are exposed to sunlight. Long term exposure to UV may cause fading on plastic parts.

Notes:

[illegible]



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