

## Document and Software Copyrights

Copyright © 2006 by ShoreTel, Inc., Sunnyvale, California, U.S.A. All rights reserved. Printed in the United States of America. Contents of this publication may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without prior written authorization of ShoreTel, Inc.

ShoreTel, Inc. reserves the right to make changes without notice to the specifications and materials contained herein and shall not be responsible for any damage (including consequential) caused by reliance on the materials presented, including, but not limited to typographical, arithmetic or listing errors.

## Trademarks

ShoreTel, ShoreWare, and ShoreGear are trademarks of ShoreTel, Inc. in the United States and/or other countries. All other copyrights and trademarks herein are the property of their respective owners.

## Suppliers Declaration of Conformity

Place of Issue: Sunnyvale, CA

Date of Issue: May 13, 2004

ShoreTel Inc. located at 960 Stewart Drive, Sunnyvale, CA 94085 in the United States of America hereby certifies that the Shoreline SG-T1 bearing labeling identification number US:4ABDDNANS-G-T1 complies with the Federal Communications Commission's ("FCC") Rules and Regulations 47 CFR Part 68, and the Administrative Council on Terminal Attachments ("ACTA")-adopted technical criteria ANSI/TIA-968-A-2002, including Addendum ANSI/TIA-968-A-1 (2003).



Director, Compliance Engineering

## ShoreGear-T1 Voice Switch

### Requirements, Standards, and Trademark Information

#### Environmental Requirements

##### Ventilation

Adequate ventilation must be provided to allow air circulation through the ShoreGear-T1. Leave at least two inches of open space near all vent holes.

##### Gas and Airborne Particles

To avoid corrosion or oxidation of electrical contacts, the environment should be free from airborne particles and corrosive gas.

##### Electrical Noise

The environment should be free from excessive electrical noise, which could disturb the operation of digital and analog circuits. The system should be located at least 10 feet (3 meters) away from welders, dimmers, or other high-current machines.

Power supply cord: Use the provided 3-conductor power cord to connect power to the ShoreGear-T1. The power supply cord must be plugged into a grounded outlet.

##### Rack-Mount Ears

The ShoreGear-T1 is supplied with two brackets already installed on the switch for mounting the unit in a 19-inch rack.

**NOTE** Ambient temperature in the rack must be between 0 and 50° C. Do not block the openings in the housing that are provided for ventilation.

##### Regulatory Standards

The ShoreGear-T1 switch conforms to the following regulatory standards and specifications:

- Safety— UL 60950, 3<sup>rd</sup> Edition, CAN/CSA 22.2 No. 60950, EN60950 (2000)
- Telephony Registration— FCC Part 68, Canada CS-03
- EMI— FCC Part 15, ICES-003, EN 55022, Class A

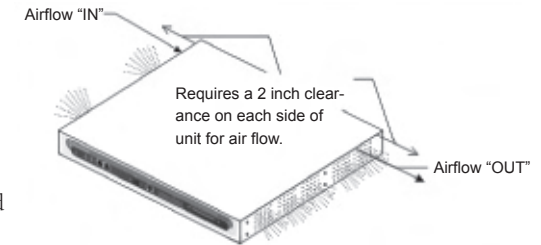
##### FCC Rules, Part 68 Information

This equipment complies with Part 68 of the FCC Rules and the requirements adopted by ACTA. On the back of this equipment is a label that contains a product identifier in the format US:AAAEQ##TXXXX. If requested, this information must be provided to your telephone company.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Rules, Part 68 and requirements adopted by ACTA.

Mfg's Port Identifier	Facilities Interface Code	Service Order Code	Network Jacks
T1 CSU Interface	04DU9-IZN	6.0N	RJ-48C
	04DU9-ISN		

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.



960 Stewart Drive Sunnyvale, California 94085 Phone 408-331-3300 OR  
1-800-425-9385 Fax 408-331-3333 www.shoretel.com

PN 800-1018-02

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this unit, for repair or warranty information, please contact ShoreTel Customer Response Center at the address and phone listed on page 4. If the equipment is causing harm to the network, the telephone company may request that you disconnect the equipment until the problem is resolved. DO NOT DISASSEMBLE THIS EQUIPMENT. It does not contain any user serviceable components.

## Equal Access

This equipment is capable of providing users access to interstate providers of operator services through the use of access codes. Modifications of this equipment by call aggregators to block access to dialing codes are a violation of the Telephone Operator Consumers Act of 1990.

## Direct Inward Dialing

ALLOWING THIS EQUIPMENT TO BE OPERATED IN SUCH A MANNER AS NOT TO PROVIDE FOR PROPER ANSWER SUPERVISION IS A VIOLATION OF PART 68 OF THE FCC RULES.

Proper answer supervision is provided when:

1. This equipment returns answer supervision to the PSTN when DID calls are:
  - Answered by the called station
  - Answered by the attendant
  - Routed to a recorded announcement that can be administered by the CPE user
  - Routed to a dial prompt
2. This equipment returns answer supervision on all DID calls forwarded to the PSTN. Permissible exceptions are:
  - A call is unanswered
  - A busy tone is received
  - A reorder tone is received

## FCC Rules, Part 15 Statement

**NOTE** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## Industry Canada Statement

**NOTICE:** This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation IC before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment. The Industry Canada registration number is located on the back of the unit.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request that the user disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

**CAUTION** Users should not attempt to make such connection themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

## Warning

Any modifications to the unit, unless expressly approved by ShoreTel, Inc. could void the user's authority to operate the equipment.

## Safety

The following information is included in this publication for the use and safety of installation and maintenance personnel.

**NOTE** This equipment uses a three-conductor power cord with safety grounding conductor. Ensure that this is connected to an AC outlet with provision for grounding. Consult a licensed electrician if necessary.

## Important Safety Instructions

- Read all of the instructions before attempting to operate the equipment and before connecting the power supply.
  - Always follow basic safety precautions to reduce the risk of fire, electrical shock, and injury to persons.
- CAUTION** Users should not attempt to make such connection themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture, or install this product near water. Never spill liquid of any kind on this product.
  - Never push objects of any kind into this product through openings, as they may touch dangerous voltage points or short out parts, which could result in the risk of fire or electrical shock.
  - Do not open the enclosure, as there are high voltage components inside. Refer servicing to qualified service personnel.
  - Do not attach the power supply cord to building surfaces. Do not allow anything to rest on the power cord or allow the cord to be abused by persons walking on it.
  - To protect this equipment from overheating, do not block the openings in the housing that are provided for ventilation.

## Safety with Electricity...Danger!

Do not take chances with your life. Follow these guidelines carefully:

- Observe all safety regulations and read the warnings, cautions, and notes posted on the equipment.
- Never assume that the power is turned off. Always check to ensure that a circuit does not have power.
- Disconnect all power before installing changes in systems or wiring.
- Use caution when installing or modifying telephone lines. Never install telephone wiring during an electrical storm.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.