This is a preview of "SIA AV-01-1997.11". Click here to purchase the full version from the ANSI store.

Audio Verification Standard

Protocol for Audio Verification and Two-Way Voice - Monitoring Service Command Set

Sponsor:
Security Industry Association

Copyright © November 11, 1997

This is a preview of "SIA AV-01-1997.11". Click here to purchase the full version from the ANSI store.

This is a preview of "SIA AV-01-1997.11". Click here to purchase the full version from the ANSI store.

FOREWORD

This standards document is published by the Security Industry Association (SIA) and was developed and adopted by a consensus of industry volunteers in accordance with SIA's standards development policies and procedures. It is intended to facilitate product compatibility and interchangeability, to reduce misunderstandings between manufacturers and purchasers, and to assist purchasers in obtaining the proper products to fulfill their particular needs.

The existence of this or any SIA standards document shall not prevent any SIA member or non-member from manufacturing, selling, or using products not conforming to this or any SIA standard. SIA standards are voluntary. SIA encourages the use of this document but will not take any action to ensure compliance with this or any other SIA Standard.

SIA assumes no responsibility for the use, application or misapplication of this document. Industry members using this document, particularly those having participated in its development and adoption, are considered by SIA to have waived any right they might otherwise have had to assert claims against SIA regarding the development process of this standard.

Although some SIA standards establish minimum performance requirements, they are intended neither to preclude additional product features or functions nor to act as a maximum performance limit. Any product the specifications of which meet the minimum requirements of a SIA standard shall be considered in compliance with that standard. Any product the specifications of which exceed the minimum requirements of a SIA standard shall also be considered in compliance with the standard, provided that such product specifications do not exceed any maximum requirements set by the standard. SIA standards are not intended to supersede any recommended procedures set by a manufacturer for its products.

SIA reserves the right to revise this document at any time. Because SIA policy requires that every standard be reviewed periodically and be either revised, reaffirmed, or withdrawn, users of this document are cautioned to obtain and use the most recent edition of this standard. Current information regarding the revision level or status of this or any other SIA standard may be obtained by contacting SIA.

Requests to modify this document are welcome at any time from any party, regardless of membership affiliation with SIA. Such requests, which must be in writing and sent to the address set forth below, must clearly identify the document and text subject to the proposed modification and should include a draft of proposed changes with supporting comments. Such requests will be considered in accordance with SIA's standards development policies and procedures.

Written requests for interpretations of a SIA standard will be considered in accordance with SIA's standards development policies and procedures. While it is the practice of SIA staff to process an interpretation request quickly, immediate responses may not be possible since it is often necessary for the appropriate standards subcommittee to review the request and develop an appropriate interpretation.

Requests to modify a standard, requests for interpretations of a standard, or any other comments are welcome and may be sent to:

Standards
Security Industry Association
635 Slaters Lane, Suite 110
Alexandria, VA, 22314

E-mail:
Standards@SIAOnline.org

Copyright © November 11, 1997
Security Industry Association

This is a preview of "SIA AV-01-1997.11". Click here to purchase the full version from the ANSI store.

This document is owned by the Security Industry Association and may not be reproduced, in whole or part, without the prior written permission from SIA.

This is a preview of "SIA AV-01-1997.11". Click here to purchase the full version from the ANSI store.

ACKNOWLEDGMENTS:

This standard was developed by the Security Industry Association's (SIA) Audio Verification Standards Subcommittee. The voting members of the Subcommittee at the date of publication are listed below.

SIA gratefully acknowledges the efforts of the many volunteers from the security industry that helped the Subcommittee develop this standard.

Chair of the SIA Standards Committee:
Louis T. Fiore .....L. T. Fiore, Inc.

Immediate Past Chair of the SIA Standards Committee:
David S. Terret .....Sentrol, Controls Group

Chair of the SIA Audio Verification Standards Subcommittee:
Peter Giacalone.....King Central, Inc.

Voting Member Companies of the SIA Audio Verification Standards Subcommittee:
Ademco Security Group
AVP International, Inc.
Caddx Caddi Controls, Inc.
C.O.P.S. Monitoring
King Central, Inc.
Uniplex Corporation
Westinghouse Security Systems

SIA Staff Administrators.....Guy Schroff
Virginia Williams

Copyright © November 11, 1997

This is a preview of "SIA AV-01-1997.11". Click here to purchase the full version from the ANSI store.

This is a preview of "SIA AV-01-1997.11". Click here to purchase the full version from the ANSI store.

Audio Verification Standard

Protocol for Audio Verification and Two-Way Voice - Monitoring Service Command Set

1 Scope, Need, Purpose and Application

1.1 Scope

This proposed standard describes the minimum requirements for command sets for a monitoring service operator pressing buttons on a touch-tone phone to control an audio verification system at the customer's premises. The monitoring service operator generates dual-tone multi-frequency (DTMF) signals by pressing buttons on a touch-tone phone connected in parallel with the monitoring service receiver's phone line. The audio verification system at the premises receives and interprets these signals.

An initial command set controls basic two-way voice operation. One group of command sets toggles, turns off and turns on individual microphones or microphone zones at the premises. Another group of command sets toggles, turns off and turns on relays or relay zones at the premises. Additional command sets can be used for integrated home system control.

1.2 Need

Use of a standard Audio Verification and Two-Way Voice command set by security system manufacturers would eliminate much confusion that confronts monitoring service operators who support a multitude of security systems, each using its own command set. Reducing the confusion confronting monitoring service operators enhances security services provided to customers by assuring that monitoring service operators can respond more quickly and reliably to emergency situations.

1.3 Purpose

The purpose of this proposed standard is to define a basic set of responses to DTMF signals to control two-way voice, microphones, relays, and integrated home system features.

1.3.1 This proposed standard describes command sets for controlling the following functions:

(1) two-way voice control
(2) microphone zoning
(3) relay control.

1.3.2 This proposed standard also suggests a method for using computer-activated DTMF signals to control integrated home system features.

1.4 Application

The proposed standard command sets are to be implemented by manufacturers of audio verification systems and integrated home systems. Monitoring service and other operators will use these command sets to control security systems and integrated home systems.

Copyright © November 11, 1997
Security Industry Association