

Document

5100 Signaling Devices Product Index

Product Index

This catalog section represents a visual overview of audible signaling products including:

- **Electro-Mechanical Horns, Bells, Sirens**
- **Electronic Signaling Devices**
- **Controllers and Command Units**
- **CommCenter® Message and Recording**
- **Selectone® Power Supplies**
- **Vehicular Back-Up Alarm Devices**
- **Hazardous Location Signaling Devices**
- **Explosion Proof Horns and Sirens**



See the products brief description and get more specific information from the documents indicated.

Use the Voltage Quick Reference Selection [Document No. 5102](#)

Document

5152 Vibratone® Horn

Model 350 and 450

Designed for Routine Signaling Use

- **Effective range of 200 feet (61m)**
- **Reproduces coded or sustained tones**
- **Model 350 – 12, 24, 120 and 240VAC and produces 100dB @ 10' (110dB @ 1m)**
- **Model 450 – 12, 24, 125 and 250VDC and produces 99dB @ 10' (109dB @ 1m)**
- **UL Listed, cUL Listed, CSA Certified, FM Approved**
- **NEMA 4 with panel mount gasket; NEMA 4X, IP55 with weatherproof backbox (WB)**



The Models 350 (AC) and 450 (DC) Vibratone® horns produce sound by the electro-mechanical vibration of a diaphragm. The horn mechanism with diaphragm is attached to the grille. Indoor or outdoor use depends on the back box used. Both models may be fitted with a single projector (Model PR) or a double projector (Model PR2).

5154 Vibratone® Horn

Model 350WB

Designed for Routine Signaling Use

- **Effective range 200 feet (61m)**
- **Reproduces coded or sustained tones**
- **120 and 240VAC**
- **Produces 100dB @ 10' (110dB @ 1m)**
- **UL Listed, cUL Listed, CSA Certified, FM Approved**
- **NEMA 4X, IP65 enclosure**



The Model 350WB (AC current) Vibratone® horn produces sound by the electro-mechanical vibration of a stainless steel diaphragm. The horn mechanism with diaphragm is attached to the grille. Indoor or outdoor use is made possible by the water- and dust-tight backbox.

5158 Resonating Horns

Model 52

Designed for Off-Road Vehicles

- **Withstands extreme outdoor conditions**
- **Available in 24VDC**
- **Produces 114dB @ 10' (124dB @ 1m)**
- **Surface mount with flanges**
- **NEMA 4X, IP55 enclosure**



The Model 52 is capable of penetrating high ambient noise levels. Being electrically-activated, the Model 52 does not require an air compressor for operation. The Model 52 is built as ruggedly as the equipment it serves and is able to withstand the shocks, vibrations, dust and atmospheric conditions encountered in off-road use. The operating temperature range is -40°F to 185°F (-40°C to 85°C).

5156 Motor-Driven Horn

Model 20

Designed for General Alarming

- **High-powered mechanical horn**
- **Produces 103dB @ 10' (113dB @ 1m)**
- **Surface or 3/4-inch pipe mount**
- **120VAC/125VDC universal motor**



The Model 20 motor driven horn produces sound mechanically. The motor rotates a toothed cam which impinges upon a pin (anvil) attached to the diaphragm. Rotation of the cam oscillates the diaphragm and generates sound waves.

5157 Air Horns

Model 3H, 4H, 4M, 6H

Designed for Use in Hazardous Locations

- **Wide variety of tones and sizes**
- **For indoor / outdoor use**
- **Available in 120VAC**
- **Produces 122dB @ 10' (132dB @ 1m)**
- **NEMA 4X, IP56 enclosure**



We offer a line of air horns in a variety of tones and sizes for the industrial marketplace. High, medium and low tones are available which provide a wide range of frequencies and high sound output.

5155 Resonating Horn

Model 55 and 56

Designed for High Ambient Noise Areas

- **Resonated column of air generates sound**
- **Model 55 – 105dB @ 10' (115dB @ 1m)**
- **Model 56 – 108dB @ 10' (118dB @ 1m)**
- **NEMA 4, IP54 enclosure**
- **120VAC Model 55 is UL Listed, CSA Certified for indoor/outdoor applications, Models 55 and 56 are FM Approved**



The Models 55 and 56 are electric horns which produce sound by means of a diaphragm, which resonates a column of air. Because the output is greater than that of a vibrating horn resonating horns can be used wherever a louder, more powerful signal is required. Both models feature corrosion-resistant cast aluminum housings with a brass projector. These projectors are designed to match the frequency of the vibrating diaphragm to produce a smooth musical tone. The housings are tapped for 1/2" conduit (swivel bracket included).

5159 Vibratone® Bells

A4, A6, A10, 500, 600, 700

Designed for General Alarm or Paging

- **Vibrating or single stroke mechanism**
- **Three gong sizes – four-, six-, or ten-inch**
- **A range of output available – 98-102dB @ 10' (108-112dB @ 1m)**
- **Optional weatherproof backbox provides NEMA 3R, IP55 with backbox**
- **UL Listed, cUL Listed, CSA Certified, FM Approved**



The Vibratone® heavy duty product line utilizes a modular approach to combine gongs and mechanisms allowing for greater flexibility and selection. Three gong sizes are available; the Model A4 is four inches in diameter; the Model A6 is six inches in diameter; and the Model A10 is ten inches in diameter. Each larger gong produces a different tone and a higher dB output.

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Document

5160 Vibratone® Bell Assemblies

Model 504WB & 506WB
Gong, Mechanism, and Back Box in One Assembly

- Four-inch or six-inch gong
- Available in 120VAC or 240VAC
- Four-inch gong produces 98dB @ 10' (107dB @ 1m)
- Six-inch gong produces 100dB @ 10' (109dB @ 1m)
- NEMA 3R, IP45 enclosure
- UL Listed, cUL Listed, CSA Certified, FM Approved



The Vibratone® Bells Models 504WB and 506WB are completely assembled and include the gong, vibrating AC mechanism, and the gasketed back box. These assemblies feature heavy duty, industrial grade housings and powder-coat paint treatments for added durability and performance.

5162 General Alarm Siren

Model L
Electromechanical Siren

- Available with 120VAC/VDC and 240VAC/VDC universal motor
- Rugged, durable and corrosion resistant
- Maintenance-free
- Produces 112dB @ 10' (122dB @ 1m)
- NEMA 3R, IP40 enclosure
- CSA Certified



The Model L is a general-purpose electro-mechanical siren that produces a distinctive sound and tonal quality for industrial applications. It has a low maximum pitch which provides excellent contrast to industrial ambient noise. Introduced in 1946, the Model L is still used today in many rugged and extreme environments and applications.

5163 StreamLine™ Low Profile Mini Sounder

Model LP4
Perfect Size Meets Superior Performance!

- Choice of 28 tones
- Operates on 9–28VDC
- 82–100dB @ 10' (92–110dB @ 1m)
- Compact size – 3" tall x 3.66" wide (76mm x 93mm)
- PLC compatible
- CE Compliant, UL Listed
- NEMA 4X, IP54 enclosure with Shallow Base
- NEMA 4X, IP65 enclosure with optional Deep Base



The Model LP4 low profile, electronic piezo sounder. The LP4 is a compact multi-tone sounder ideal for OEM and general alarm applications.

5165 SelecTone® Universal Tone Module

Model UTM
A Tone for Every Signaling Need

- 18 switchable tones
- Compatible with all SelecTone® equipment
- Plug-in installation
- RFI and EMI shielded
- UL Listed, CSA Certified



The Universal Tone Module (UTM) is a microcontroller-based tone generator capable of producing 32 different tones. The UTM is the key component of a SelecTone® System or a single SelecTone® device. Tone selection is made by setting five DIP switches. Housed in a plastic cover impregnated with stainless steel fibers, the circuitry is shielded from RFI (radio frequency interference) and EMI (electro-magnetic interference). The edge connector allows for quick and simple installation.

Document

5161 General Alarm Siren

Model A
Electromechanical Siren

- Available with 120VAC/VDC universal motor
- Rugged, durable and corrosion resistant
- Maintenance-free
- Produces 108dB @ 10' (118dB @ 1m)
- NEMA 3R, IP40 enclosure
- UL Listed, CSA Certified, FM Approved



The Model A is a general-purpose electro-mechanical siren that produces a distinctive sound and tonal quality for industrial applications. It has a high maximum pitch which provides excellent contrast to industrial ambient noise. Introduced in 1918, the Model A is still used today in many rugged and extreme environments and applications.

General Alarm Portable Siren

Model G-1
Hand Crank Siren

- No power source required
- Portable
- Produces 103dB @ 10' (112dB @ 1m)
- Rugged, durable, and corrosion resistant
- Shoulder strap included



The Model G-1 was introduced in 1938 and was used as a portable „gas“ alarm by the military. Today this very compact and distinctive hand powered siren still has a wide variety of peace time uses.

5164 StreamLine™ Low Profile Micro Sounder

Model LP5
Perfect Size Meets Superior Performance!

- Choice of 4 tones
- Indoor use
- Cost effective, two-wire micro unit
- Panel or wall mount
- Available in 9–30VDC
- NEMA 1, IP42 enclosure
- CE Compliant, UL Listed
- Produces 76–87dB @ 10' (86–97dB @ 1m)



The Model LP5 low-profile sounder is an economical two-wire micro unit that produces an effective audible signal for indoor applications.

5166 SelecTone® Custom Tone Module

Model TM33
Custom Pre-Recorded Digital Message

- Non-volatile memory
- Compatible with any SelecTone® unit
- UL Listed, CSA Certified



The Model TM33 Digital Tone Module provides audio input for any SelecTone® speaker/amplifier. The tone module holds a single pre-recorded voice message, tone or melody.

The user selects from a library of standard pre-recorded messages, tones or melodies, or creates a customized recording. Each tone module contains a 16-second non-volatile EE-PROM (electronically erasable / programmable read only memory) chip. The Model TM33 can either be set to play through once and stop or loop continuously. The TM33's digital messaging capabilities are ideal for emergency evacuation announcements. Clear, concise, pre-determined instructions or custom tones can be broadcast.

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WEB site: www.BiaGmbH.com



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5153 **SelecTone® Audible Signaling Device**

Model 50GC

Designed for Indoor and Outdoor Use

- Solid-state circuitry
- 24VAC/24VDC, 120VAC and 230/240VAC
- Built-in gain control
- 64dB to 88dB @ 10' (74dB to 98dB @ 1m)
- Flush or surface mount
- NEMA 3R, IP55 enclosure
- UL and cUL Listed, CSA Certified, CSFM Approved (California State Fire Marshal)



The Model 50GC SelecTone® speaker/amplifier is capable of reproducing crisp, clear tones and highly intelligible voice messages. The UL Listed and CSA Certified, flame retardant, thermoplastic housing provides excellent durability. When used with Model WB (weatherproof back box), the 50GC is NEMA 3R rated for outdoor applications.

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5167 **SelecTone® Audible Signaling Device**

Model 50GCB

Ceiling Mount 4" (101.6mm) Speaker / Amplifier

- Attractive round ceiling grille
- Appropriate for office environments
- Available in 24VAC/24VDC and 120VAC
- Built in gain control
- Produces 64dB to 88dB @ 10' (74dB to 98dB @ 1m)
- UL Listed, CSA Certified
- NEMA 1, IP41 enclosure



The The SelecTone® Model 50GCB round ceiling speaker / amplifier is capable of reproducing crisp, clear tone signals and highly intelligible voice messages. This SelecTone unit features a four-inch speaker fronted by a seven-inch white grille.

5168 **SelecTone® Audible Signaling Device**

Model 300

DC Stand-Alone Tone Signaling with DC Operating Voltage

- Compatible with our Tone Modules
- Available in 12VDC, 36VDC and 250VDC
- Produces 110dB @ 10' (120dB @ 1m)
- UL Listed, CSA Certified for indoor/outdoor use
- NEMA 3R, IP54 enclosure



The SelecTone® Model 300 is a lightweight and compact, solid-state audible signaling device designed to amplify a pre-selected tone over existing ambient noises. The speaker cone and projector are made of spun aluminum. The internal amplifier circuitry and tone module are contained in a housing of die-cast aluminum. Dust- and moisture-proof gasketing provides protection from the elements. All external components are sealed with gray enamel paint.

5169 **SelecTone® Audible Signaling Device**

Model 300GC

Plant-Wide Warning and Voice Communication

- Built-in gain control
- Produces 86dB to 110dB @ 10' (96dB to 120dB @ 1m)
- Available in 24VAC/VDC, 120VAC and 240VAC
- NEMA 3R, IP54 enclosure
- UL Listed, CSA Certified, CSFM Approved (California State Fire Marshal)



The SelecTone® Model 300GC is a lightweight and compact, solid-state device designed to amplify tone or voice over existing ambient noise. The rugged speaker cone and projector are constructed of spun aluminum. The internal amplification circuitry, tone module and gain control are contained in a housing constructed of die-cast aluminum. Dust- and moisture-proof gasketing provides protection from the elements. All external surfaces are sealed with gray enamel paint.

5170 **SelecTone® Audible Signaling Device**

Model 302GC

Extra Output Power for Plant Evacuation

- Available in 24VAC/DC, 120VAC and 240VAC
- Built-in gain control
- Produces 90dB to 114dB @ 10' (100dB to 124dB @ 1m)
- NEMA 3R, IP54 enclosure
- UL Listed, CSA Certified for indoor/outdoor use, CSFM Approved (California State Fire Marshal)



The SelecTone® Model 302GC is a lightweight, compact solid state device designed to produce unmistakable warning signal or voice communication in the noisiest manufacturing areas. The speaker cone and projector are made of spun aluminum. Internal amplification circuitry, tone module and gain control are contained in a die-cast aluminum housing. Dust and moisture-proof gaskets provide protection from the elements. All external components are sealed with gray enamel paint.

5171 **Electronic Siren**

Model SST-MV

Electronic Siren with Three Selectable Tones

- Produces one of three tones – wail, yelp and horn
- Multi-voltage design accepts 24VDC or 120/240VAC
- Produces 111dB @ 10' (121dB @ 1m)
- Omni-directional swivel mount
- UL Listed, cUL Listed
- NEMA 3R, IP54 enclosure (with WB backbox)



The Model SST-MV is an electronic siren capable of producing one of three high decibel tone outputs from the same unit. The Model SST-MV features internal amplification and the tone circuitry to produce three different tones. The user selects from the wail, yelp or horn tone by reconfiguring internal jumpers. The NEMA 3R housing is molded from impact-resistant ASA (acrylic-styrene-acrylonitrile) plastic, making it resistant to ultra-violet light and ideal for indoor or outdoor use.

5172 **Remotely Selectable Electronic Siren**

Model SST3-MV

Electronic Siren with Three Remotely Selectable Tones

- Produces three tones – wail, yelp and horn
- Multi-voltage design accepts 24VDC or 120/240VAC
- Produces 111dB @ 10' (121dB @ 1m)
- Omni-directional swivel mount
- UL Listed, cUL Listed
- NEMA 3R, IP54 enclosure (with WB back box)



The Model SST3-MV is an electronic siren capable of producing three different high decibel tones from the same unit. The Model SST3-MV features internal amplification and the circuitry required to produce three different tones. The user activates each tone (wail, yelp or horn) with dry contacts from a remote point. The SST3-MV operates on 24VDC, 120VAC or 240VAC. The NEMA 3R housing is molded from impact resistant ASA (acrylic-styrene-acrylonitrile) plastic, making it resistant to ultra-violet light and ideal for indoor or outdoor use. The omni-directional swivel mount system allows the output to be pointed anywhere within a 360° half-sphere.

5173 **SelecTone® Activated Relay**

Model 300TAR

Detects Audio Signals on Speaker Lines for Remote Control

- Detects tone signals and public address
- Eliminates the need for additional control wires
- Available in 24VAC/VDC and 120/240VAC
- UL Listed, CSA Certified
- NEMA 4X, IP65 enclosure



The Model 300TAR is activated by swept frequency tone signals from the SelecTone® Command Center. A relay switches power in order to control the operation of selected devices. The 300TAR can be used to activate such devices as emergency lights, lock and unlock doors and exhaust fans. Additional applications include the activation of other circuits such as automatic dialers, digital message centers or PLC inputs. The tone activated relay is designed to detect emergency dedicated signals emitted by a SelecTone® Command Center. Through a twin set of Form C contacts, each rated at 8 Amperes, the 300TAR can switch power to activate up to two devices, eliminating the need for dedicated control lines. The 300TAR has two modes of operation. In one mode, the unit can be adjusted for specific audio frequencies. The other mode does not discriminate and activates upon any audio signal, including tones or voice.

Document

5174 **SelecTone® Connector Kits**

Model 300CK & 300CKS

Provides Speaker / Amplifier Termination with SelecTone® Command Units

- **300CK** — required by every speaker / amplifier used with command units **300MB**, **300MC**, **300SCW-1**, **300VSC-1**, or **300VSC-1044SB**
- **300CKS** — required by every speaker / amplifier used with the supervised command unit **300SSC**

The Models 300CK and 300CKS are the connector kits that allow SelecTone® speaker / amplifiers to be used with SelecTone® Command Units.



Document

5175 **SelecTone® Connector Kits**

AM25CK / 70CK / 100CK

Expands Public Address System Capacity

- **Interfaces SelecTone® speaker/amplifiers with an existing paging system**
- **Works in 25, 70 or 100Vrms systems**
- **Creates a "balanced line" SelecTone® System**
- **Allows the use of higher gauge wire in a SelecTone® System**

The Models AM25CK, AM70CK and AM100CK are connector kits which allow the use of SelecTone® speaker / amplifiers (1Vrms devices) to be used in any public address system (25, 70 or 100Vrms).



5176 **SelecTone® Extension Module**

Model EM3

Designed for Adding Additional Signal Tones

- **Reliable solid-state circuitry**
- **Indoor / outdoor use**
- **No separate power supply required**
- **Produces three tones with the same speaker / amplifier**
- **UL Listed, CSA Certified**
- **NEMA 3R, IP55 enclosure**

The Model EM3 SelecTone® Extension Module is designed to add multi-tone capability to an individual SelecTone® unit and can be used with Models **300**, **300GC**, **302GC**, **50GC** and **50GCB**. The die-cast aluminum alloy housing has the same dimensions as the main amplifier housing of the above mentioned models and is sealed with gray enamel paint. The EM3's internal components are protected from the elements by dust- and moisture-proof seals.



5177 **SelecTone® Command unit**

Model 300VSC-1

Designed for SelecTone® Systems

- **Produces four prioritized tones and public address**
- **Remote microphone input**
- **Available in 24VDC or 120VAC**
- **Desktop design**
- **UL Listed, CSA Certified**
- **NEMA 1, IP40 enclosure**

The Model 300VSC-1 SelecTone® Command Unit generates up to four tones or voice communications in a SelecTone® System. Four tones, auxiliary, test and cancel are controlled via an illuminated keypad. Voice transmission is activated by keying the optional desktop or hand-held microphone. The Model 300VSC-1 is UL (Underwriters Laboratories) Listed and CSA (Canadian Standards Association) Certified for use with 120VAC or 24VDC.



5178 **SelecTone® Rack-Mount Command Unit**

Model 300VSC-1044SB

Designed for SelecTone® Systems

- **Produces four prioritized tones and public address**
- **Remote microphone input**
- **Available in 24VDC and 120VAC**
- **19" rack mount**
- **UL Listed, CSA Certified**
- **NEMA 1, IP40 enclosure**

The Model 300VSC-1044SB SelecTone® Command Unit generates up to four tones or voice communications in a SelecTone® system. The housing can be mounted in any standard 19" equipment rack. Four tones, auxiliary, test and cancel are controlled via an illuminated keypad. Voice transmission is activated by keying the optional desktop or hand-held microphone.



5179 **SelecTone® Wall Mounted Command Unit**

Model 300SCW-1

Designed for SelecTone® Systems

- **Produces four prioritized tone signals and public address**
- **Remote microphone input**
- **Available in 24VDC, 120VAC and 240VAC**
- **Wall mount**
- **UL Listed, CSA Certified**
- **NEMA 1, IP40 enclosure**

The Model 300SCW-1 SelecTone® Command Unit generates up to four tones or voice communications through a SelecTone® system. Four tones, auxiliary, test and cancel are controlled via an illuminated keypad. Voice transmission from this NEMA 1 rated device is activated by keying the optional hand held microphone. Model 300SCW-1 Command Unit is the basis for a simple, versatile general signaling system for weather warning, start and dismissal, general alarm, evacuation and paging.



5180 **SelecTone® Supervised Command Unit**

Model 300SSC

Designed for Industrial Emergency Evacuation

- **Ideal for general multiple tone signaling**
- **Flexible, expandable system provides local and remote voice communication**
- **Available in 120VAC with 24VDC backup capability**
- **Wall mount**
- **UL Listed, CSA Certified**
- **Meets NFPA and OSHA requirements**
- **NEMA 1, IP40 enclosure**

The Model 300SSC Supervised SelecTone® Command Unit is the heart of a fully supervised plant and employee protection signaling system. A steel enclosure, locking door and a plexi-glass window protect the hand-held microphone and local control switches from unauthorized access.



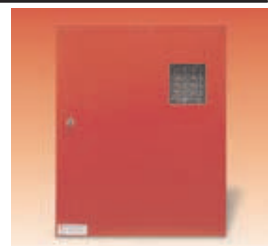
5181 **SelecTone® Zone Panel**

Model 300Z

Designed for Use with the Model 300SSC

- **Switches alarm or voice output to four zones**
- **Monitors alarm initiation from four zones**
- **Available in 120VAC with 24VDC backup capability**
- **UL Listed for 120VAC, CSA Certified**
- **NEMA 1, IP40 enclosure**
- **Expands any SelecTone® 300SSC system**

The Model 300Z SelecTone® Zone Panel functions as a zone and switching panel for a Model **300SSC** Supervised SelecTone® Command Unit. The tones, messages and public address output of the Model **300SSC** can be selectively channeled to four zones with the 300Z. The user can initiate communication to individual zones or all zones. Systems can be expanded with multiple zone panels.



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WEB site: www.BiaGmbH.com



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5182 CommCenter® Digital Message Center

Model 300MB

Use with SelecTone® and Public Address Systems

- High-quality, non-volatile playback
- Stores six voice messages, melodies, tones and signals
- Messages can be up to 16 seconds in length (96 second total capacity)
- Expandable and prioritized
- UL Listed, CSA Certified
- NEMA 1, IP41 enclosure



The CommCenter® Model 300MB broadcasts pre-recorded voice messages, melodies, tones and signals over SelecTone® and public address systems. The 300MB replaces outdated loop tape units with superior, high-quality audio playback. The 300MB is remotely activated via contact closures.

Document

5183 CommCenter® Digital Message Center

Model 300MC

Use with SelecTone® and Public Address Systems

- High-quality, non-volatile playback
- Stores six voice messages, melodies, tones and signals
- Messages can be up to 16 seconds in length (96 second total capacity)
- Expandable and prioritized
- UL Listed, CSA Certified
- NEMA 1, IP41 enclosure



The CommCenter® Model 300MC broadcasts pre-recorded voice messages, melodies, tones and signals over SelecTone® and public address systems. The 300MC replaces outdated loop tape units with superior, high-quality audio playback. The 300MC can be activated either remotely via contact closures or locally with the front panel switches.

5184 CommCenter® Single Message Board Level

Model 300SMB

Provides a Single Custom Message

- Designed for OEMs
- Available in 24VDC
- High-quality, non-volatile playback
- Messages can be up to 16 seconds in length
- UL Recognized, CSA Certified



The Single Message CommCenter® Model 300SMB provides a single 16-second digital message. Melodies, voice messages, tones and signals are available, including the pre-recorded CommCenter® Message Library and optional custom messages and can be used to record custom messages in the field.

5185 CommCenter® Single Message Din-Rail Mount

Model 300SMD

Provides a Single Custom Message

- Din-Rail mount
- High-quality, non-volatile playback
- Available in 24VDC
- Messages can be up to 16 seconds in length
- Front panel wiring
- UL Listed, CSA Certified



The Single Message CommCenter® Model 300SMD is ideally suited for price-sensitive, single-message OEM applications. The 300SMD Din-Rail mount device is designed for easy installation.

5186 CommCenter® Recorder / Playback Device

Model 300MCDK

Records Custom Digital Chips for Models 300MB, 300MC and TM33

- On-site digital chip recording
- Record and playback
- Self-contained microphone and zero insertion socket
- Uses erasable / recordable chips (Model RMB9999)



The Model 300MCDK is designed to record unique messages on blank CommCenter® chips. The message plays back for review before installation of the chip into one of the CommCenter® Message Centers or Custom Tone Modules (Models 300MB, 300MC, 300SMB, 300SMD, 300SMX, and TM33).

5187 CommCenter® Field Recorder

Model 306FR

Field Record Custom Messages for the 306MX

- On-site digital recording of Model 306MX chips
- Record and playback
- Self-contained condenser microphone and playback speaker
- 9-volt battery included



The Model 306FR inexpensively creates a custom message on site when a professional studio recording is not required. Messages can be changed without down time or additional costs. The device is powered by a 9-volt alkaline battery (included) and features a board-mounted condenser microphone for recording and a remote speaker for playback.

5188 Standby Battery / Back-up Power Supply

Model PS250 & PS600

For Primary and Emergency Power

- Supplies 12VDC or 24VDC
- Integrated battery charger
- Available in 120VAC and 240VAC
- Choice of 7 or 12 amp-hour capacity
- UL Listed; CSA Certified (PS600)
- Meets NFPA standards
- NEMA 1 enclosure



These Power Supplies provide nominal 12VDC or 24VDC power that is switch selectable. The PS250 and PS600 are designed for use as standby battery back-up during a power outage. Both power supplies operate from a 120VAC, 60Hz power source (240VAC available upon request). The steel enclosure is designed to mount on a wall or substantial vertical surface (indoor only). A key lock is provided to discourage unauthorized access – simple lock installation is required.

5189 Vehicular Back-up Alarm

Model 252

Signals when a Vehicle is Backing-Up

- Rugged weatherproof housing
- Solid-state, epoxy-sealed electronics
- Operates within the 12VDC to 48VDC range used in most vehicles
- Produces 97dB @ 4' (109dB @ 1m)
- Universal mounting
- NEMA 4X, IP45 enclosure
- Conforms to SAE J994 sound level Type C requirements



The Model 252 back-up alarm is a solid state audible warning device enclosed in a weatherproof housing. The alarm produces a horn tone of 97dB at four feet (109dB at 1m) and sounds at approximately 60 times per minute with equal on and off pulses. Conforms to SAE (Society of Automotive Engineers) J994 Sound Level Type C.

To learn more about B-I-A please visit us at our
WEB site: www.BiaGmbH.com



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5190 Vehicular Back-up Alarm

Model 253

Automatically Adjusts to Ambient Noise

- Operates on 12-48VDC power
- Universal mounting
- Produces 82dB - 107dB @ 4' (92dB - 120dB @ 1m)
- UL Listed
- NEMA 4X, IP45 enclosure



The Model 253 is a unique backup alarm that samples the ambient noise levels surrounding the vehicle and adjusts its sound output automatically. The decibel output can vary from 82dB to 107dB @ 4 feet (92dB to 120dB @ 1m) when activated. By "listening" to the surrounding sound levels, model 253 will continuously adjust the output to provide 10dB (±4) over ambient noise levels. This self-adjusting vehicular alarm provides just the right level of audible signal required to warn employees of an approaching fork lift or tow motor.

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5191 Vibratone® Hazardous Location Horn

Model 350WBX

Division 2 Vibrating Horn

- Effective range of 200 feet (61m)
- Rated for Class I, Division 2; Class II, Division 2; Class III
- For coded or sustained tones
- Available in 120VAC or 240VAC.
- Produces 100dB @ 10' (110dB @ 1m)
- NEMA 4X, IP65 enclosure
- UL Listed, cUL Listed, CE Compliant, CSA Certified



Model 350WBX (AC) Vibratone® horn produces sound by the electro-mechanical vibration of a stainless steel diaphragm. The horn mechanism with diaphragm is attached to the grille. The water- and dust-tight backbox is ideal for indoor or outdoor use. Available in 120 or 240VAC for 50/60Hz. This hazardous location horn accommodates surface, flush or semi-flush mounting on walls, panels, in cabinets.

5192 Hazardous Location Audible Signaling Device

Model 300GCX

Designed for Use in Hazardous Locations

- Reliable, solid-state circuitry
- 24VAC/DC, 120VAC and 240VAC
- Built-in gain control
- External mounting tabs
- Produces 86dB to 110dB @ 10' (96dB to 120dB @ 1m)
- NEMA 3R, IP54 enclosure
- UL Listed, CSA Certified for indoor / outdoor use, CSFM Approved



The SelectTone® Model 300GCX provides audible warning in hazardous locations. The unit has a built-in volume control and a choice of many tones that can be heard clearly despite the many noises in a plant.

5193 Hazardous Location Audible Signaling Device

Model 302GCX

Designed for Use in Hazardous Locations

- Reliable, solid-state circuitry
- 24VAC/DC, 120VAC and 240VAC
- Built-in gain control
- Produces 90dB to 114dB @ 10' (100dB to 124dB @ 1m)
- External mounting tabs
- NEMA 3R, IP54 enclosure
- UL Listed, CSA Certified for indoor / outdoor use, CSFM Approved



The SelectTone® Model 302GCX is a cost effective source of high power audible signals for hazardous locations. The unit has a built-in volume control and a choice of many tones that can be heard clearly despite the ambient noises in a plant.

5194 Single Message Hazardous Location/NEMA 4X

Model 300SMX

Provides a Single Custom Message

- Rated for NEMA 4X watertight, dust-tight and corrosion resistant. Also, Class I, Division 2 Groups A, B, C & D; Class II, Division 2, Groups F & G; and Class III
- High-quality, non-volatile playback
- Available in 24VDC or 120/240VAC
- NEMA 4X, IP65 enclosure
- UL Listed, CSA Certified
- Messages can be up to 16 seconds in length



The Single Message CommCenter® Model 300SMX provides a single 16-second digital message. Melodies, voice messages, tones and signals are available, including the pre-recorded CommCenter® Message Library and optional custom messages. The Model 300MCDK can be used to record custom messages in the field.

5195 Explosion-Proof Vibrating Horns

Model 31X and 41X

Designed for Use in Explosion-Proof Atmospheres

- Corrosion-resistant cast aluminum housings
- Produces 100dB @ 10' (110dB @ 1m)
- NEMA 4X, IP66 enclosure
- UL and cUL Listed, CSA Certified
- 31X complies with the EMC Directive



These explosion-proof vibrating horns are constructed for safe use in hazardous environments. They are enclosed in heavy-duty copper-free cast aluminum housings tapped for 3/4" conduit. The Models 31X and 41X are corrosion-resistant vibrating horns with stainless steel diaphragms. Model 41X is available in 24VDC. The Model 31X is available in 120VAC and 240VAC and features an internal volume control. The 31X and 41X models are UL and cUL Listed for Class I, Division 1, Groups C & D; Class II, Division 1, Groups E, F, and G; and Class III. Both are CSA Certified. The 31X complies with the EMC Directive.

5199 Explosion-Proof Resonating Horns

Model 55X and 56X

Designed for Use in Explosion-Proof Atmospheres

- Corrosion-resistant cast aluminum housings
- 105-107dB @ 10' (115-117dB @ 1m)
- NEMA 4X, IP66 enclosure
- UL Listed (55X)
- CSA Certified and FM Approved (55X and 56X)



These explosion-proof resonating horns are constructed for safe use in hazardous environments. They are enclosed in heavy-duty die cast aluminum housings which are tapped for 3/4" conduit. The Models 55X and 56X are resonating electric horns which produce sound by means of a diaphragm which resonates a column of air. The Model 55X is available in 120VAC, while Model 56X is available in 125VDC. The 55X is UL Listed for Class I, Division 1, Groups C & D; Class I, Division 2, Groups C & D; Class II, Division 1, Groups E, F & G; and Class III. Both Model 55X and 56X are CSA (Canadian Standards Association) Certified and FM Approved.

5201 Explosion-Proof General Alarm Siren

Model AX

Designed for Use in Explosion-Proof Atmospheres

- Available with 120VAC/125VDC universal motor
- Produces 112dB @ 10' (122dB @ 1m)
- 3/4" pipe mount
- Maintenance free
- UL Listed, CSA Certified
- NEMA 3R, IP55 enclosure



The Model AX siren was introduced in 1937 and received UL listing in 1938. This high pitched siren features a unique rotor and stator design that produces a distinctive tonal quality. The universal motor operates on 120VAC or 125VDC. This siren features oversized ball bearings which are lubricated for the life of the siren, eliminating periodic maintenance. The Model AX is approved for use in Class I, Division 1, Groups C and D; Class II, Division 2, Groups E, F, & G; and Class III locations. This siren is also UL Listed and CSA Certified.

Document

5202 Explosion-Proof Audible Signaling Device

Model 300X

Designed for Explosion-Proof Environments

- Available in 24VAC/DC, 120VAC and 240VAC
- Built-in gain control
- Produces 80dB to 104dB @ 10' (90dB to 114dB @ 1m)
- UL Listed, CSA Certified, CSFM Approved
- NEMA 3R, IP44 enclosure



The SelecTone® Model 300X is a solid-state audible signaling device for indoor and outdoor explosion-proof environments. This unit consists of a re-entrant horn speaker and audio amplifier. All internal amplification circuitry, gain control and tone modules are contained in a rugged die-cast aluminum housing. The 300X is UL Listed and CSA Certified for Class I, Division 1, Groups B, C & D.

Document

5203 Explosion-Proof Audible Signaling Device

Model 302X

Designed for Explosion-Proof Environments

- Available in 24VAC/DC
- Built-in gain control
- Produces 90dB to 114dB @ 10' (100dB to 124dB @ 1m)
- UL Listed, CSA Certified, CSFM Approved
- NEMA 3R, IP44 enclosure



The SelecTone® Model 302X is a solid-state audible signaling device for indoor and outdoor explosion-proof environments. The unit consists of a re-entrant horn, speaker, and audio amplifier. All internal amplification circuitry, gain control and tone modules are contained in a rugged die-cast aluminum amplifier housing. The 302X is UL Listed and CSA Certified for Class I, Division 1, Groups B, C & D.

5204 Explosion-Proof Electronic Siren

Model SSTX-MV

Designed for Use in Explosion-Proof Environments

- Produces one of three tones – wail, yelp and horn
- Multi-voltage design – accepts 24VDC, 120VAC or 240VAC
- Produces 108dB @ 10' (118dB @ 1m)
- UL Listed, cUL listed
- NEMA 3R, IP44 enclosure



The Model SSTX-MV is an explosion-proof electronic siren capable of producing one of three high decibel tones from the same unit. The circuitry is contained in a rugged die-cast aluminum amplifier housing. This electronic siren is UL and cUL Listed for Class I, Division 1, Groups B, C & D.

5205 Ex-Proof Remotely Selectable Electronic Siren

Model SSTX3-MV

Designed for Use in Explosion-Proof Environments

- Produces three tones – wail, yelp and horn
- Multi-voltage design – accepts 24VDC, 120VAC or 240VAC
- Produces 108dB @ 10' (118dB @ 1m)
- UL Listed, cUL Listed
- NEMA 3R, IP44 enclosure



The Model SSTX3-MV is an explosion-proof electronic siren capable of producing three high decibel tones from the same unit. The integrated circuitry is contained in a rugged die-cast aluminum housing. This electronic siren is UL and cUL Listed for Class I, Division 1, Groups B, C & D.

5206 Explosion-Proof Digital Message Center

Model 306MX

Used with SelecTone® and Public Address Systems and AudioMaster® Speakers

- Stores six voice messages, melodies, tones or signals
- High-quality, non-volatile playback
- Records message up to 20 seconds long (a 120 second total capacity)
- Available in 24VDC or 120/240VAC
- UL Listed, cUL listed, CSA Certified
- NEMA 4X, IP66 enclosure



The CommCenter® Model 306MX broadcasts pre-recorded voice messages, melodies, tones and signals over SelecTone® and public address systems. The Model 306MX replaces the outdated loop tape players with superior high-quality audio playback. The 306MX CommCenter is housed in an explosion-proof enclosure rated for Class I, Division 1, Groups B,C,&D, Class II, Division 2 Groups E,F,G; and Class III. The housing is rated NEMA 4X and IP66.

To learn more about B-I-A please visit us at our
WEB site: www.BiaGmbH.com

