VIKING MTG-10

VIKING MTG-10 Multi-Tone Generator User Manual
MODEL: MTG-10

1. Introduction

The VIKING MTG-10 Multi-Tone Generator is a versatile audio device designed to provide various tones for paging systems, background music, and alert applications. It offers 10 distinct siren, warble, and chime tones, with priority override capabilities for siren and evacuation loops. The unit can also be configured to provide a periodic tone to indicate call recording. This manual provides essential information for the proper setup, operation, and maintenance of your MTG-10.
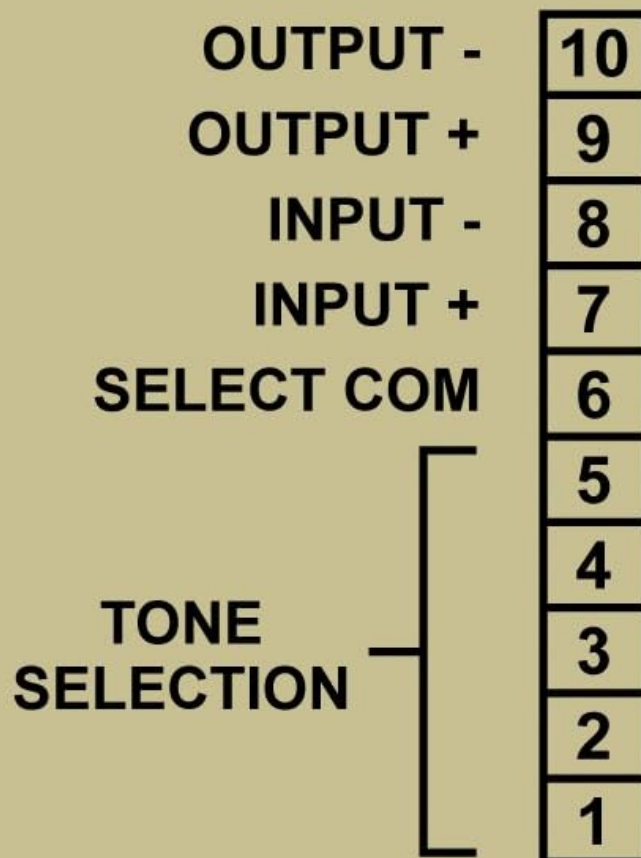
2. Features

- Provides 10 different siren, warble, and chime tones.
- Designed for connection to a paging source.
- Offers phone system paging support and background music capabilities.
- Siren and evacuation loop tones have priority override.
- Configurable to provide a tone every 15 seconds for call recording notification.
- Compact and durable design.

3. Product Overview and Label Diagram

This image displays the product label for the VIKING MTG-10 Multi-Tone Generator. The label clearly indicates the wiring terminals: OUTPUT - (pin 10), OUTPUT + (pin 9), INPUT - (pin 8), INPUT + (pin 7), and SELECT COM (pin 6). Below these, pins 1 through 5 are designated for 'TONE SELECTION'. The label also includes the manufacturer's name and address: Viking Electronics, Inc., Hudson, WI 54016.

Terminal and Pin Designations:

Pin Number	Designation	Description

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10	OUTPUT -	Negative audio output terminal.
9	OUTPUT +	Positive audio output terminal.
8	INPUT -	Negative audio input terminal.
7	INPUT +	Positive audio input terminal.
6	SELECT COM	Common pin for tone selection.
1-5	TONE SELECTION	Pins used in combination with SELECT COM (pin 6) to select desired tone.

4. Setup and Installation

Before installation, ensure the power source is disconnected from any connected audio equipment. The MTG-10 should be installed in a dry, protected environment. Refer to the product label diagram in Section 3 for terminal identification.

1. **Wiring Input:** Connect your audio source (e.g., paging system output) to the INPUT + (pin 7) and INPUT - (pin 8) terminals.
2. **Wiring Output:** Connect the MTG-10's audio output to your amplifier or speaker system using the OUTPUT + (pin 9) and OUTPUT - (pin 10) terminals.
3. **Power Connection:** The MTG-10 typically draws power from the connected audio system or requires a separate low-voltage DC power supply (not included). Consult the full installation guide for specific power requirements and connections.
4. **Tone Selection Wiring:** For tone selection, connect the SELECT COM (pin 6) to the appropriate TONE SELECTION pins (1-5) as detailed in Section 5 to achieve the desired tone.
5. **Testing:** After all connections are made, apply power and test the system to ensure proper functionality and tone output.

5. Operation and Tone Selection

The MTG-10 operates by receiving an audio input and generating a selected tone at its output. The primary operational aspect is the selection of the desired tone.

Tone Selection Method:

The MTG-10 offers 10 distinct tones, including various siren, warble, and chime sounds. These tones are selected by making specific connections between the SELECT COM (pin 6) and the TONE SELECTION pins (1-5). The exact combination for each tone is typically provided in the detailed wiring diagram or installation manual that accompanies the product. Users should refer to that specific documentation for precise tone mapping.

Generally, connecting one or more of pins 1-5 to pin 6 (SELECT COM) will activate a specific tone. For example:

- Connecting Pin 1 to SELECT COM might produce a standard chime.
- Connecting Pin 2 to SELECT COM might produce a warble tone.
- Combinations of pins (e.g., Pin 1 and Pin 3 to SELECT COM) may produce other unique tones.

The device also supports priority override for siren and evacuation tones, ensuring critical alerts are heard. The 15-second recording notification tone is a configurable feature, which can be enabled or disabled based on system requirements.

6. Specifications

Feature	Value
Model Number	MTG-10
Brand	VIKING
Product Dimensions (L x W x H)	1 x 2.1 x 2.9 inches
Item Weight	1 pound
Manufacturer	Capitol Sales Company
Tones Provided	10 (Siren, Warble, Chime)

7. Troubleshooting

If you encounter issues with your MTG-10, consider the following common troubleshooting steps:

- **No Tone Output:**

    - Verify all wiring connections (Input, Output, Power, Tone Selection) are secure and correct.
    - Ensure the MTG-10 is receiving adequate power.
    - Check the connected amplifier/speaker system for proper operation.

- **Incorrect Tone Output:**

    - Review your tone selection wiring (Pins 1-5 to SELECT COM Pin 6) against the detailed wiring diagram for the desired tone.
    - Ensure no unintended pins are shorted.

- **Intermittent Operation:**

    - Check for loose connections or damaged wiring.
    - Ensure the operating environment is stable and free from excessive heat or moisture.

If problems persist, contact VIKING technical support for further assistance.

8. Maintenance

The VIKING MTG-10 Multi-Tone Generator is designed for reliable, long-term operation with minimal maintenance. Follow these guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid using harsh chemicals, solvents, or abrasive cleaners.
- **Environment:** Ensure the unit is kept in a clean, dry environment, away from direct sunlight, extreme temperatures, and excessive dust or moisture.
- **Connections:** Periodically check all wiring connections to ensure they remain secure.

No user-serviceable parts are inside the unit. Do not attempt to open or repair the device yourself, as this may

void the warranty.

9. Warranty and Support

VIKING products are manufactured to high standards and are typically covered by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official VIKING Electronics website. Keep your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or service inquiries, please contact VIKING Electronics customer service. Contact information can usually be found on the manufacturer's website or in the product packaging.
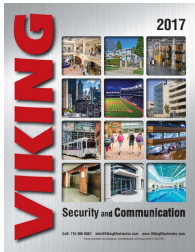
VIKING Electronics, Inc.
Hudson, WI 54016

www.vikingelectronics.com (Example link, verify actual website)

Related Documents - MTG-10

	Viking CTG-2A Networked Clock Controlled Tone/Message Generator and Master Clock Product Manual This product manual provides comprehensive details on the Viking CTG-2A, a networked clock-controlled tone/message generator and master clock. It covers features, applications, installation procedures, PC programming, push-button operation, troubleshooting, and warranty information.
	Viking CTG-2A Networked Clock Controlled Tone/Message Generator and Master Clock Manual This manual provides comprehensive details on the Viking CTG-2A, a networked clock controlled tone and message generator and master clock. It covers features, applications, specifications, installation, PC programming, operation, troubleshooting, and warranty information for efficient time-based audio signaling in schools, factories, and other facilities.
	Viking PA-15 Product Manual: 15 Watt Paging Amplifier with Loud Ringing & Background Music Comprehensive product manual for the Viking PA-15, a 15-watt paging amplifier designed to add paging, loud ringing, and background music to various telephone systems. Includes installation, programming, features, specifications, and warranty information.
	Viking PP-250 250 Watt 70V Paging Power Amplifier Product Manual This document provides detailed information and instructions for the Viking PP-250 250 Watt 70V Paging Power Amplifier, including features, specifications, installation, operation, and warranty.

	[Viking 2017 Security and Communication Catalog - Emergency Phones, Entry Systems, and More](#) Explore the 2017 Viking catalog for a comprehensive range of security and communication solutions, including ADA compliant emergency phones, VoIP and analog entry systems, paging amplifiers, and access control devices. Designed, manufactured, and supported in the USA.
	[Viking D3 301 Series Built-In Dishwasher Use & Care Manual](#) Comprehensive Use & Care manual for the Viking D3 301 Series Built-In Dishwasher, covering installation, operation, maintenance, and troubleshooting. Includes safety instructions, features, cycle details, and warranty information.