

The STM1 is an alarm tone generator /mixer for use with security or PA (Public address) systems. The STM1 allows an existing PA system to be used as an alarm system, door bell, page tone inserter, etc. The STM1 is designed to go in-line with the main audio input of a PA system or other power amplifier.

Audio in jack

If used, connect the normal PA audio source for example "talk back" audio output of a security camera to this input. This audio source will be placed on the audio output of the STM1 as well as the inserted (mixed in) alarm tone when triggered. This is a "line level" input and the volume level is set by "audio input level" control.

Audio out Jack

This is a "line level" type output. Connect this output to a PA "line input" or the input of a power amplifier connected to a speaker. The volume level at this output is set by the "Output Level" control.

Trigger input

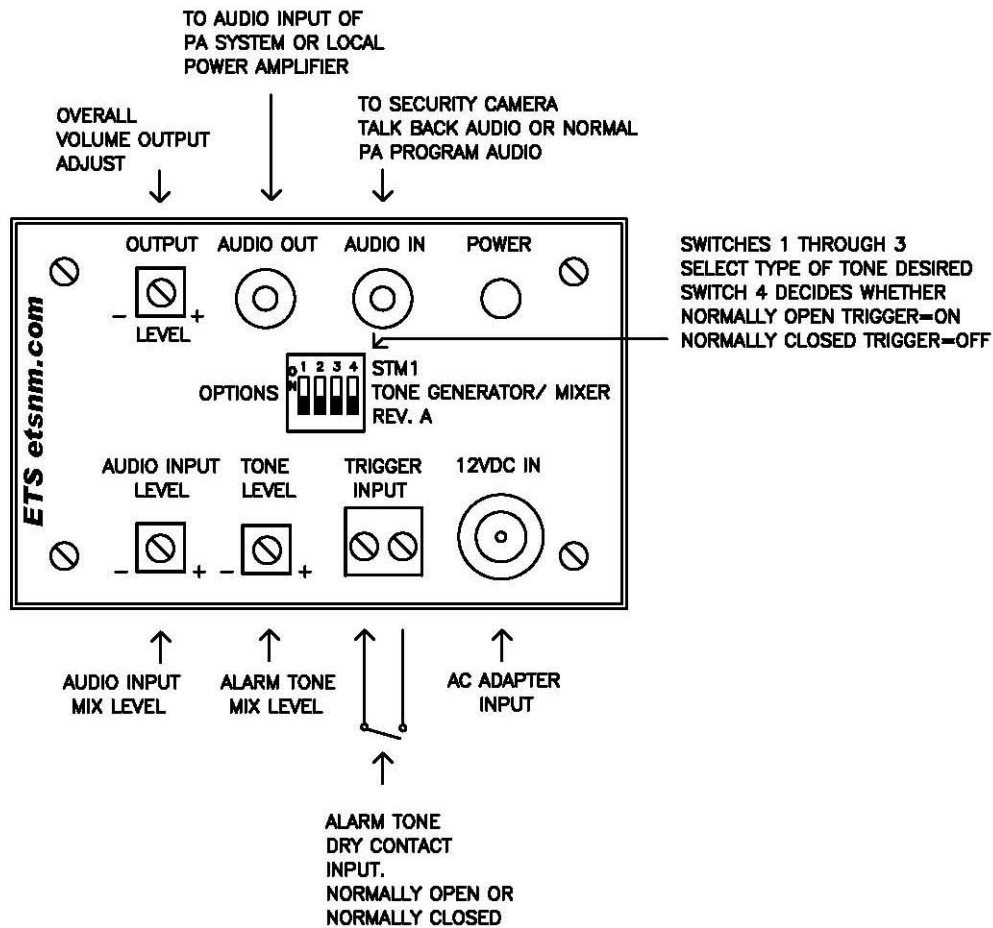
When activated, the selected alarm tone will immediately be placed on the audio output jack. When the activation is removed, the alarm tone will silence. Connect only "dry contact" switches to the trigger input. If a "normally open" trigger signal will be used, place "option switch #4" in the down (off) position. If a "normally closed" trigger signal will be used, place "option switch #4" in the upper (on) position. See Figure 1 for connection diagram. The "tone level" control sets the volume of the alarm tone on the "audio output" jack.

Selecting the alarm tone type

Set option switches 1-3 in the following order to select the desired alarm sound

Option 1	Option 2	Option 3	Alarm Type
OFF	OFF	OFF	Classic Warble
OFF	OFF	ON	Buzz Alert
OFF	ON	OFF	Two Tone
OFF	ON	ON	Tone Up Sweep
ON	OFF	OFF	---
ON	OFF	ON	---
ON	ON	OFF	---
ON	ON	ON	---

Note - other tones or functionality available on request



Caution

It may be against the law to install this microphone kit in certain environments. It may also be against the law to record conversations of the person(s) being monitored without their knowledge. It is the responsibility of the installation company and end-user to determine if the application of this product is legal. These laws vary from state to state. If you are not informed on these matters, consult a qualified attorney or contact the appropriate state agency. A sticker is provided with this kit for the applications where notification must be posted.

Warranty

All ETS products carry a one year parts and labor warranty. This warranty does not cover damages as a result of misuse, improper handling of the unit or exposure to extreme temperatures or moisture. At its discretion, ETS reserves the right to repair or replace this unit under the conditions of the warranty. If you experience problems with your equipment call ETS at: 505-888-3923 to obtain a return authorization number. Equipment requiring repair beyond the warranty period or units that have been damaged or are not covered under the warranty can be repaired by ETS for a minimal cost under most conditions.

Made in the USA by
ETS Inc.