



MODEL 1450 DIGITALLY STORED AUDIO MODULE **with VOICE RESPONSE**

INSTALLATION MANUAL

GENERAL DESCRIPTION

The Model 1450 is a solid state recording device which stores a continuous loop of sound for 60 seconds. An analogy of what the 1450 is and does is that it acts like a solid state version of a tape recorder with a continuous loop of recording tape 60 seconds long. At any given time there is 60 seconds of recording on the tape. If the recorder is stopped and the recording is played back, you would hear what was occurring exactly 60 seconds before the recorder was stopped. This may provide valuable information concerning what has caused the alarm condition. Example: Glass breaking or a door being forced open.

The 1450 takes this concept one step further by recording for a period of time (7.5 seconds) after the activation of an alarm. This can also be useful in verifying the alarm. Example: Intruder(s) talking or running sounds. Of course if the owner caused the alarm you will hear that also.

The 1450 receives it's input from any S.A.V.E.™ ready two way voice module. At any given time there is 60 seconds of stored audio (120 seconds on the 1450-2). The recorder is stopped at alarm activation. The central station operator can play back the sounds which occurred 60 seconds prior to the alarm activation.

INDICATORS - LED STATUS

The 1450's LED provides status information which allows the installer to monitor the progress of the unit. LED status as follows:

L.E.D. STATUS	MODE
Off	Standby mode
Steady	Recording
Flashing Fast	Playing
Flashing Slow	Paused

OPERATION AND POWER UP

Upon power up, all microphones will be ON and the 1450 will be in RECORD mode. When the 1450 is in RECORD mode it is constantly recording sounds being picked up by the microphones in a continuous loop, with a loop duration, or capacity, of 60 seconds.

When the alarm panel communicator goes off-hook to report to the central station, a command will be sent to the 1450 telling it to stop recording after the next time segment.

NOTE: The 1450 has eight (8) time segments of 7.5 seconds each. When the command is given to stop recording after the next time segment, the 1450 will stop recording in the segment it is presently in and jump to the beginning of the next segment. Therefore the recording time after the communicator goes off-hook (post alarm) will always be at least 7.5 seconds. It also means that the pre-alarm recording time will be approximately 52.5 seconds.

When an alarm occurs the two way audio board will allow the sirens and/or bells to sound for just 2.5 seconds and will then shut them off for 10 seconds, after which time it will turn them on again until the operator comes on line. This will prevent the audible alarms from masking out the post-alarm recording.

When the central station operator activates the two way audio module by pressing a 2 from their touch tone phone, the two way board will be in a listen only mode and the 1450 will play one of the following announcements:

*"Audio recording for THIS alarm is available."
"Audio recording for PREVIOUS alarm is available."*

The operator has the option to either control the two way board as normal or play back the stored audio. If the operator first chooses to play back the stored audio they can, at any time, switch back to two way by entering any of the normal two way function commands. When the operator enters a standard two way command the 1450 will automatically PAUSE.

The command sequences for controlling the 1450 are as follows:

COMMAND	DESCRIPTION
5 1	Play recording from beginning of pre-alarm segment. (52.5 seconds before the alarm activation).
5 2	Play recording from beginning of post-alarm segment. (7.5 seconds after the alarm activation).
5 3	Resume play from PAUSE location.
5 4	Jump back 15 seconds and resume play.
5 5	Not used.
5 6	Jump forward 15 seconds and resume play.
5 7	Fast forward. (High speed)
5 *	Resume normal speed.
5 #	Lock this recording. This prevents this recording from being recorded over after hits two way session is over. This can be useful in preserving evidence.
5 0	Un-lock this recording.

Note: If the recording is "LOCKED", it will stay locked until either it is played at the next two way session or the 5 0 command sequence is entered during a two way session.

When the recording is LOCKED, the 1450 will play the pre-recorded activation message: "Audio recording for PREVIOUS alarm is available" instead of the "Audio recording for THIS alarm is available" message.

When the recording is being played and it reaches the end of the recording (7.5 seconds after the alarm is activated) the 1450 will play the pre-recorded message: "End of audio recording."

If a new alarm occurs during a two way audio session the 1450 will play the pre-recorded message: "Warning, there is a new alarm to report!"

If the operator "LOCKS" the recording using the 5 # command, the 1450 will play the pre-recorded message: "This recording is now locked."

If the operator "UNLOCKS" the recording using the 5 0 command, the 1450 will play the pre-recorded message: "This recording is now unlocked."

INSTALLATION AND WIRING

Wiring and installation of the Model 1450 is quick and simple. The unit is supplied with an interconnect cable which connects the Model 1450 to the S.A.V.E.™ ready two way audio module. Connect one end of the cable to P1 on the 1450. If connecting to a Model 1250 False Alarm Terminator™, connect the other end of the cable to the AUX BOARD on the 1250. If connecting to a Model 1242 False Alarm Terminator™ VOX, connect the other end of the cable to P5 on the 1242.

JUMPERS

The 1450 has only one jumper to set. P2 must be set to the proper type of two way audio module to which it is being connected. Move the jumper on P2 to "1250" if connecting the 1450 to a False Alarm Terminator™ (Model 1250). Move the jumper on P2 to "1242" if connecting the 1450 to a False Alarm Terminator™ VOX (Model 1242). **Be sure to cut the jumper labeled "STORED AUDIO" on the 1250 or the 1242 audio module.**

ORDERING INFORMATION

301450-1: 60 seconds of storage
301450-2: 120 seconds of storage

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