

HERITAGE MEDCALL TECHNICAL SPECIFICATIONS

Model HM-644A Voice Synthesizer

- Text to Speech
- Natural Voice
- Unlimited Vocabulary
- Internal Speaker Monitor
- Watch Dog Timer to prevent two-way radio's being locked in transmit
- PS2 Keyboard connection for Direct Entry



DESCRIPTION:

The Sentry Voice Synthesizer model HM-644A is an updated model from the previous version that now includes an unlimited voice vocabulary. Voice prompts are generated from any call event that is sent to the pager COMM Port. Can be used as a stand-alone unit using the internal speaker or using the external speaker jack as provided on the rear. Using an additional PS2 style keyboard, messages can be hand typed and sent to the voice synthesizer and sent to two-way radios if attached. Will provide either a normally open or normally closed contact along with a low level audio output to connect to a radio transceiver for portable annunciation of call events. The voice synthesizer has a built in watchdog timer that will reset the unit to prevent two-way radios being locked in transmit.

INSTALLATION

Install the HM-644A voice synthesizer to the Sentry console using a null modem cable between the COMM Port and RS232 port on the voice synthesizer. Power the Unit using a wall transformer rated between 9 and 12 volts DC. Audio and contacts for a two-way radio are provided through a mini 5-pin din jack located on the rear of the unit. See wiring diagram 847-251A for cable hookup.

INDICATORS

Power
Transmit

POWER RATINGS

Input: 9 – 12 volts DC
Current Draw: 60 MA stand-by
160 MA with voice

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