



Harrington Signal Inc.  
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### Applications

The HAVE50 operates with any Fire Alarm Control Panel (FACP), and provides 50 watts of speaker power.

The HAVE50 includes all the necessary features to provide an effective voice evacuation system. With the addition of zone splitters, remote microphone panels, and expander modules, the HAVE50 can be custom configured to satisfy the needs of most applications.

The HAVE50 has its own power supply and battery charger. Panel must be wired with 120 VAC and have standby batteries connected. A digital message repeater (DMR) is built into the HAVE50. The selection of alarm tone and automatic message repeats, as well as the 6 Hour delay of the AC power failure reporting feature are all field configurable. The paging microphone is an integral component. Removal of the microphone from the panel will

cause a "Trouble" condition which will be reported locally, as well as through the FACP. The HAVE50 is housed in an attractive surface or semi-flush mounted back box, with a hinged and key locked door.

### Features

- Clean dead-front construction
- Digitally recorded automatic evacuation message (Special order up to 4 minute message capacity)
- 50 watt high efficiency digital amplifier
- 25 or 70 VRMS Field Selectable
- 120 VAC power supply and battery charger
- Live microphone override of message and tone
- High reliability, no maintenance, fully supervised
- Easy installation and operation
- Natural sound recordings
- Built in alarm and alert signals



- Works with 12 VDC or 24 VDC fire alarm panel
- Works with analog/addressable and conventional fire alarm panels
- 3 minute message restart on microphone key
- 24 hour backup with two 12V 7Ahr batteries
- Made in the USA

### Ordering Information

Model Number	Part Number	Description
50HAVE	335-1050	50 watts 1 zone, digital message, paging mic, and cabinet
50HAVE-4Z	335-1050Z4	50 watts 4 zones, digital message, paging mic, and cabinet
50HAVE-8Z	335-1050Z8	50 watts 8 zones, digital message, paging mic, and cabinet
M50	335-1050M	50 watts 1 zone, digital message, and paging mic
ZSC-4B	335-1001Z4B	4 zones
EP-HAVE50	335-1050EP	50 watts 1 zone, paging mic, and cabinet
E-HAVE50	335-1050E	50 watts 1 zone, cabinet
EM-HAVE50	335-1050EM	50 watts 1 zone, paging mic
M-HAVE	335-1050M	50 watts 1 zone
HAVE-DFSCAB	335-100DFS	
HAVE-DFLCAB	335-1500DFL	

## Architect & Engineering Specifications

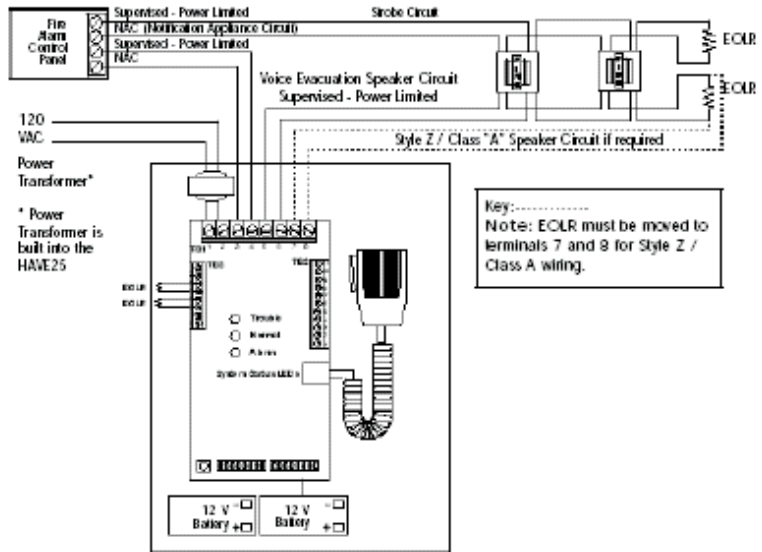
The voice evacuation system shall be Harrington Signal Inc. Series HAVE50 or approved equal. The voice evacuation system shall provide 50 watts voice / tone power, and shall be UL Listed. The voice evacuation system shall be micro-processor based, and shall contain an integral microphone, 50 watt audio amplifier, tone generator and digital message repeater, 120 VAC power supply and battery charger. The voice evacuation message / signal shall be broadcast until the Fire Alarm Control Panel (FACP) is reset, or until fire emergency personnel interrupt the broadcast with a manual page. On reset, the system shall automatically return to standby (normal operating) condition. A secondary message shall be provided which can be triggered by the closure of a contact from either the FACP or from any normally open contact device.\* Remote paging microphone(s) will be supported by the system through a supervised circuit. Remote microphone(s) may be mounted up to 5000 feet away from the voice evacuation panel.

## Standard Message - 15 Seconds:

"Attention Please, there has been a report of an emergency. Proceed calmly to the nearest exit and leave the building immediately. Do not use the elevators, use stairwells where necessary. All handicapped occupants shall use the building evacuation plan."

- 45 and 105 second custom messages also available.
- Secondary message: single tone and all clear, other messages available by special order.

Wiring Diagram HAVE50 Series



## Dimensions

Cabinet dimensions are: 14.5" x 18" x 4" w-h-d.

### Technical

Module	Characteristics	Description
M50	Primary Power	120VAC @ 0.6A
	24 VDC Battery	0.13A Standby
	Power	1.0A Alarm
	Output	50 Watts @ 25/70 VRSM Tone and Voice
	Backbox Dimension	14.5"w x 18"h x 4"d
	Color	Red- Standard

### Available Models

Model Number	Part Number	Watts	Speaker Zones	Class	Digital Message	Paging Microphone	Cabinet
50HAVE	335-1050	50	1	-	Yes	Yes	Yes
50HAVE-4Z	335-1050Z4	50	4	B/A	Yes	Yes	Yes
50HAVE-8Z	335-1050Z8	50	8	B/A	Yes	Yes	Yes
M50	335-1050M	50	1	B/A	Yes	Yes	No
ZSC-48	335-1001Z4B	-	4	B/A	-	-	No
EP-HAVE50	335-1050EP	50	1	B/A	No	Yes	Yes
E-HAVE50	335-1050E	50	1	B/A	-	-	Yes
EM-HAVE50	335-1050EM	50	1	B/A	-	Yes	No
M-HAVE50	335-1050M	50	1	B/A	-	-	No
HAVE-DFSCAB	335-1500DFS	-	-	-	-	-	-
HAVE-DFLCAB	335-1500DFL	-	-	-	-	-	-

NOTICE: The information contained in this document is intended only as a summary and is subject to change without notice. The devices described in this document have specific instruction sheets which cover various technical, limitation and liability information. Copies of these instruction sheets and the General Product Warning and Limitations Document, which also contains important information are provided with the product and are available from Harrington Signal Inc. Fire Alarm. Information contained in these documents should be consulted before specifying or using the product. For further information or assistance concerning particular problems contact Harrington Signal Inc. Harrington Signal Inc. Fire Alarm reserves the right to change specifications without notice. Quality manufactured for Harrington Signal by EVAX.