

# FireSpy® Tracker T2000E

## Supplement for Voice Audio Evacuation for FireSpy Tracker Fire Control Panels

### SAFETY MESSAGE TO INSTALLERS

People's lives depend on your safe installation of our products. It is important to read, understand and follow all instructions shipped with this product. Listed below are some other important safety instructions and precautions you should follow. Refer to the installation instructions of the fire alarm control panel and voice audio equipment for additional safety messages.

- This unit must be installed and maintained by a qualified electrician in accordance with NFPA 72 and National and local Electrical and fire codes, under the direction of the authority having jurisdiction.
- Do not connect this unit to system wiring when circuits are energized.
- After installation and completion of initial system test, provide a copy of this instruction sheet to all personnel responsible for operation, periodic testing and maintenance of this equipment.
- Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death to you and others.

### GENERAL

The Tracker 2000E combines the Tracker 2000 fire alarm control panel and the HAVE audio voice evacuation systems into one convenient package.

The Tracker 2000E provides the ability to software configure and label up to 252 Signal Line Circuits (SLC) analog addressable points. It also provides conventional audio with up to 8 Class B speaker circuits (or up to 4 Class A) with amplification for 25, 50 or 100 watts. The 2000E supports the following protocols: ISpy, TSpy, Apollo, System Sensor, or Wizmart (each SLC circuit must use devices from a single series of compatible devices; do not mix and match between series).

### Included equipment

The Tracker 2000E consists of the following equipment.

- T2000-MBC-LC (T2000E): This is the main circuit board assembly and is the core of the Tracker panel. It contains the main board, display module, and power supply mounted on an aluminum chassis. It has four circuits which can be configured to operate in the following modes: NAC, auxiliary power supply, or auxiliary input. The motherboard contains 3 common relay outputs and a communications circuit for adding expansion modules. It also provides 2 SLC circuits, each capable of 126 addressable points.
- 25, 50, or 100HAVE: These are the core of the audio system. The T2000E provides space for one amplifier module. Amplifier modules contain an amplifier, tone generator, digital message repeater, and supervisory interface. The amplifier provides a total of 25, 50, or 100 watts to the speaker outputs at 25 or 70 VRMS. The number in the model number indicates the number of watts available. The speaker outputs can be configured as 1 Class A (Style Z) or 2 Class B (Style Y) speaker zones.

### Optional fire system equipment

The following expansion modules connect to the communications circuit of the Tracker panel. The T2000E cabinet provides a mounting location for one of these. Other expansion modules are available, but would require external mounting.

- T8000-CM: 10 Class B or 5 Class A conventional initiating zones
- T8000-SRM: 8 programmable relay outputs

Specification	Rating
Listed	ETL, Standard UL864
Use / Environment	Commercial / Indoor, dry
Temperature range	32 to 120° F
Maximum relative humidity	95%

Refer to the documentation of the included equipment for detailed specifications.

Table 1: Specifications

### Optional audio system equipment

The T2000E has space for the HAVE amplifier to connect to two zone splitter modules in order to provide additional speaker zones.

- ZSC-2A: Splits a zone into two Class A (Style Z) speaker zones
- ZSC-4B: Splits a zone into four Class B (Style Y) speaker zones

### INSTALLATION

For detailed installation instructions refer to the Tracker 2000/8000 and HAVE equipment installation instructions.

Refer to Figure 1 for wire routing.

### ORDERING INFORMATION

Model	Stock No.
T2000E-CAB main enclosure	T2E-CAB
T2000-MBC-LC main board assembly	T2-MBCLC
T8000-CM conventional zone module	T-CM
T8000-SRM serial relay module	T-SRM
25HAVE amplifier, 25 watt	335-1025M
50HAVE amplifier, 50 watt	335-1050M
100HAVE amplifier, 100 watt	335-1000M
ZSC-2A zone splitter	335-1001Z2A
ZSC-4B zone splitter	335-1001Z4B

### SERVICE

To get help with problems or questions not covered in these instructions, contact:

Technical Service Department  
Harrington Signal Inc.  
2519 - 4th Avenue  
Moline, IL 61265  
(800) 577-5758

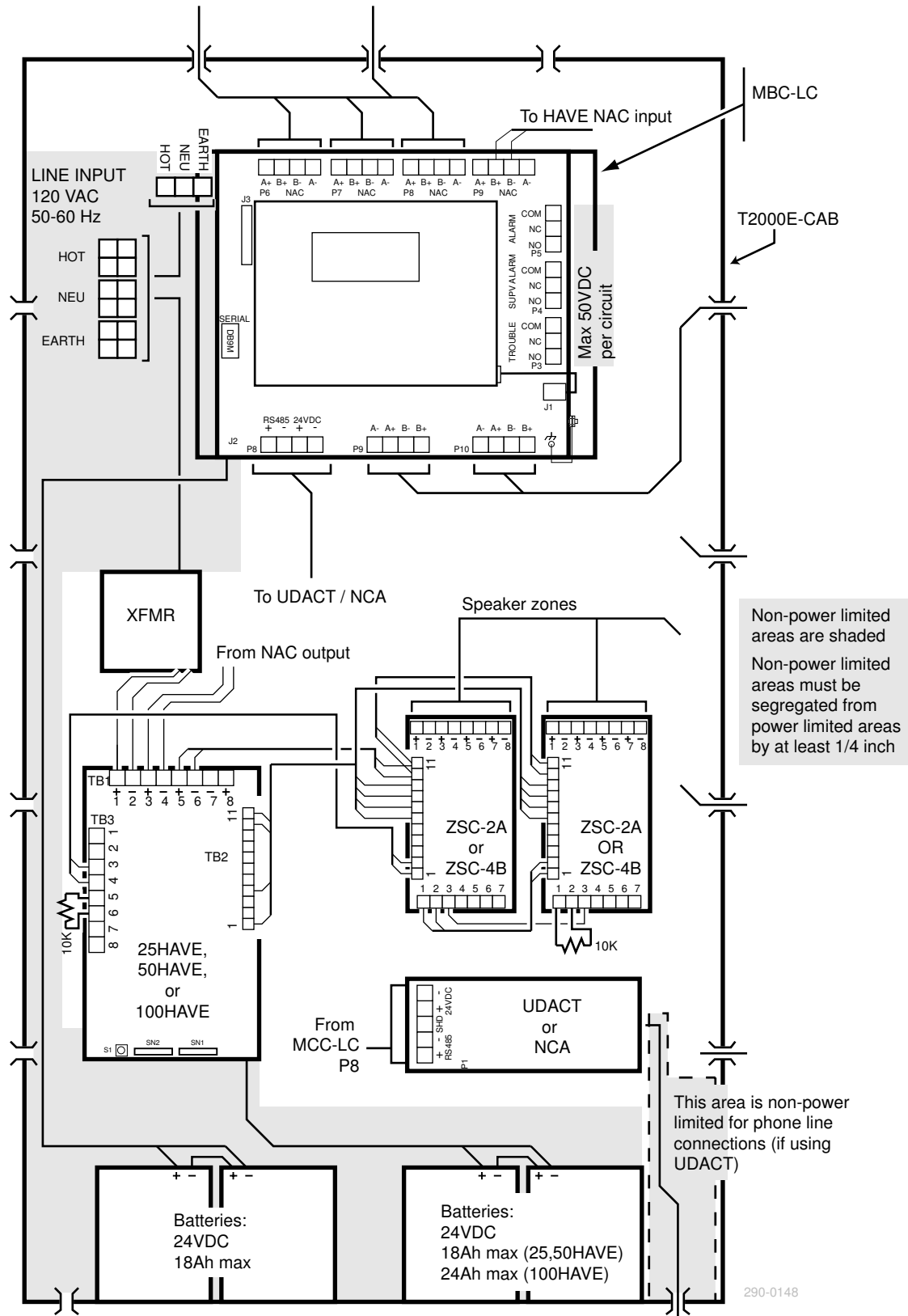


Figure 1: Wire routing