

HAI-10 Hazardous Area Instrument

Class 1 Div 2 10" Touchscreen Console

The second generation Hazardous Area Instrument (HAI 10) by Compunetix is certified by an independent Nationally Recognized Testing Laboratory (NRTL) to operate safely in a Class 1 Div 2 incendiary/explosive environment. The HAI-10, designed for use with a Compunetix Mission Voice Platform (MVP), features a new 10 inch diagonal resistive touchscreen sensitive for gloved users that is direct sunlight readable, and it provides native IP22 weather protection and IP56 weather protection when mounted in a NEMA-4 style enclosure.

This new mission console can operate in three different security modes: HAI-10 (red only), HAI 10 (black only), and HAI-10 II (red/black). It features IP connectivity and can be designed with LEMO, polarized, or non-polarized headset connectors.

This special-purpose mission console features a fully customizable GTX interface—common to most Compunetix user consoles—allowing the audio conference line keys to be customized for size, color, and position. Page backgrounds can also be customized with images (charts, pictures, logos, maps, etc.), text, and color panels. Page navigation keys and conferencing function keys can be positioned anywhere on a page.

As with all Compunetix mission consoles, the HAI 10 supports a large set of conferencing functions. The HAI 10 user can control participation mode (talk/listen, monitor, idle), join and unjoin conferences, broadcast into multiple conferences, place and receive phone calls, and adjust individual volumes. Every conference line key is assigned a name (up to 30 characters) and a label (three rows, each with ten characters). The full label appears in the conference line key.

All Compunetix mission consoles, including the HAI-10, come with 3D Spatial Audio, Audio Playback, Conference Focus, Speaker Mute, DTMF Dial Pad with Phone Book, Conference Broadcast, and Voice Activity Indicators.

Key Features:

IP Connectivity

NRTL Class 1 Div 2 certified

Single Color or Red/Black

SCAPE suit integration

Fits in NEMA-4 containers

Works with gloved hands



HAI-10 II (with polarized headset connections)

HAI-10/II Specifications

Conference Types

Intercom & Dial Intercom:

- Ad Hoc (Intercom)
- Group VDL
- Loop
- Seat Monitor
- VDL
- Zone Page

Radio Circuits:

- Mass Broadcast
- Radio
- Radio Over Phone
- Securable Radio

STE-R Conferences

- Go Secure
- Go Secure Pooled
- Secure Party Line

Telephone:

- Ad Hoc (Telephone)
- Hotline
- Party Line
- Preset
- Private Line
- Scramble
- Telephone Passthru
- Voice Page Hotline

Meet Me Conference Types:

- Loop
- Preset
- Radio
- Radio Over Phone
- VDL
- Zone Page

| Device Name | | User Interface | | Mounting | | | |
|---|--|-----------------------------|--|-------------------------|--|------------------|--|
| HAI-10/II | | GTX | | Custom Mounting Options | | | |
| Physical Characteristics | | | | | | | |
| Weight | | Width: | | Height: | | Depth | |
| 17.31 lbs (w/ housing) 12.94 lbs (w/o housing) | | 12.56" | | 10.44" | | 3.74" | |
| Electrical Characteristics | | | | | | | |
| V _{RMS} | | A _{RMS} (nominal): | | A _{RMS} (max): | | Power (nominal): | |
| 48 VDC 36w supply 120 VAC | | 0.33 | | 0.42 | | 30.4 | |
| Power (max): | | PF (idle): | | PF (max): | | PoE (optional): | |
| 41 | | 0.75 | | 0.79 | | X | |
| Environmental Characteristics | | | | | | | |
| Working Range | | | | Storage Range | | | |
| 0°C to 50°C | | | | -40°C to 65°C | | | |



Front View with LEMO Connectors

