

## Industrial Radio - 270 VDC Transceiver

By GAI-Tronics  
Catalog # [4512-001](#)

GAI-TRONICS' 4500 Series Industrial Radio is a wireless station providing two-way voice communication in the UHF band. Radio communications are possible even in the most severe environmental conditions: on bridge and gantry cranes, ore and coal bridges unloaders, manlifts, or any moving equipment where hardwired systems will not work or are not economical. GAI-TRONICS' Industrial Radio operates reliably over the wide temperatures and voltage variations found in heavy industrial environments. This unit also promotes safety and increases productivity by eliminating confusing hand signals and by keeping all personnel in constant communication.

### Features

- Compatible with Existing Handheld Radios
- Utilizes a Synthesized Radio
- Frequency Range 450-480 MHz.
- Frequencies and Private Line Tones are easily modified via computer
- Transmission Time Limiter Circuit - Limits transmission time to prevent locking up and damaging the transmitter
- Rugged Industrial, Dust-Resistant Package
- Clear, Reliable Voice Communication
- Battery Back-up Option

### General

Catalog Number	4512-001
Temperature Range	-30° C to + 60° C



### Dimensions

Cubic Capacity	476.71875 cu.in
Depth	3 in
Height	14.125 in
Weight	10 lb
Width	11.25 in

### Product Assets

[Installation Manuals - Model 4512-001, 4512-001FR, 4514-001 and 4514-001FR 6-Channel Radios User and Installation Manual](#)  
[Installation Manuals - Model 13354-001 Wall-Mount Speaker for 6-Channel Radio](#)  
[Literature - Industrial Radio - 4500 Series](#)  
[Specifications - 4512-001](#)