

# IEC and ATEX Zone 1 RigCom

Model 400-003 and 400-004

## Features:

- **Rugged Construction**
- **Master / Slave or Common Talk Modes**
- **Hands-free Operation**
- **Zone 1 Hazardous Area Approvals**
- **On-off / Volume Control Switch**
- **Push-to-Talk Switch**
- **Compatible with EZ Page**
- **Power: 120 V ac and 12 V dc (400-003)  
230 V ac and 12 V dc (400-004)**
- **Option for Auxiliary Microphone**
- **Option for Auxiliary Footswitch**



GAI-TRONICS RigCom is a common-talk communication system designed for hazardous and harsh environments. The system is simple to use with push-to-talk, release-to-listen operation. Stations can be configured for either Master/Slave or Common-Talk operation. The RigCom station consists of a Zone 1 enclosure housing the remote electronics, and a station Zone 1 loudspeaker which also functions as the microphone.

Models 400-003 and 400-004 require remote speaker Model 13380-005. Models 400-003 and 400-004 also have connections for an auxiliary microphone and footswitch options for remote operation from the station.

The RigCom is compatible with GAI-TRONICS EZ Page. EZ Page is a common-talk communications system designed for a wide variety of rugged applications. EZ Page provides a low cost alternative to the RigCom in non-hazardous applications. EZ Page configurations are identical to RigCom: Master/Slave and Common-Talk.



### Part Numbers

**400-003** RigCom Station - 120 V ac  
**400-004** RigCom Station - 230 V ac  
**13380-005** Remote Speaker

### Accessories

**10438-101** Microphone I.S. Barrier and Microphone Kit  
**GTRFP6419-007** Auxiliary Footswitch

## Specifications

### AC Power

Voltage ..... Model 400-003: 120 V ac, 50/60 Hz  
Model 400-004: 230 V ac, 50/60 Hz  
Power consumed (at nominal)  
Off (mute) ..... 6 VA, 1.8 W  
Standby ..... 7.2 VA, 3.6 W  
Maximum Speaker Out ..... 30 VA, 27 W

### DC Power

Voltage ..... 12 V dc  
Power consumed (at nominal)  
Off (mute) ..... 0.3W  
Standby ..... 3 W  
Maximum Speaker Out ..... 20 W

### Amplifier PCBA

Frequency Response ..... 300–8 kHz, +/-3 dB  
Audio Output ..... 8.0 watts  
Audio THD Distortion ..... 1% maximum, 8-watt output  
Hum / Noise ..... 1% maximum, 8-watt output  
Gain-Listen Mode ..... 30 dB  
Gain - Talk Mode (speaker as the microphone) ..... 42 dB  
Gain - Talk Mode (auxiliary microphone) ..... 48 dB

### Station

Construction / Finish ..... Cast aluminum/Tumblast finish  
Mounting ..... Wall or column, four 11mm mounting feet with slots  
Connections ..... Plug-in style terminal blocks  
Cable Entries ..... Bottom - three M20 x 1.5 tapped holes  
Dimensions ..... 508.0 x 261.9 x 360.9 mm (20.0 H x 10.31 W x 14.21 D inches)  
Shipping Weight ..... 23.0 lbs.(10.5 Kg)

### Environment

Temperature range (operating and storage)  
Models 400-003 & 400-004 ..... -40° C to +60° C (-40° F to +140° F)  
Model 10438-101 ..... -20° C to +60° C (-4° F to +140° F)

### Approvals

Models 400-003 & 400-004 Enclosure ..... II 2 G Ex d IIB T6 Gb  
II 2 D Ex tb IIIC T85°C Db IP66  
Model 10438-101 Barrier ..... II 2 G Ex e [ia] IIB+H<sub>2</sub> T6 Gb  
Model 12801-001 Microphone ..... II 2 G Ex ia IIB+H<sub>2</sub> T6 Gb