

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.

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.

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.



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+H₂ T6 Gb
Model 12801-001 Microphone II 2 G Ex ia IIB+H₂ T6 Gb