

Features:

- **Rugged Construction**
- **Master / Slave or Common Talk Modes**
- **Hands-free Operation**
- **Division I Hazardous Area Approvals**
- **On-off / Volume Control Switch**
- **Push-to-Talk Switch**
- **Compatible with GAI-TRONICS' EZ Page**
- **Power 120 V ac and 12 V dc**
- **Option for Auxiliary Microphone**
- **Option for Auxiliary Footswitch**
- **Option for Remote Mounting of Speaker**

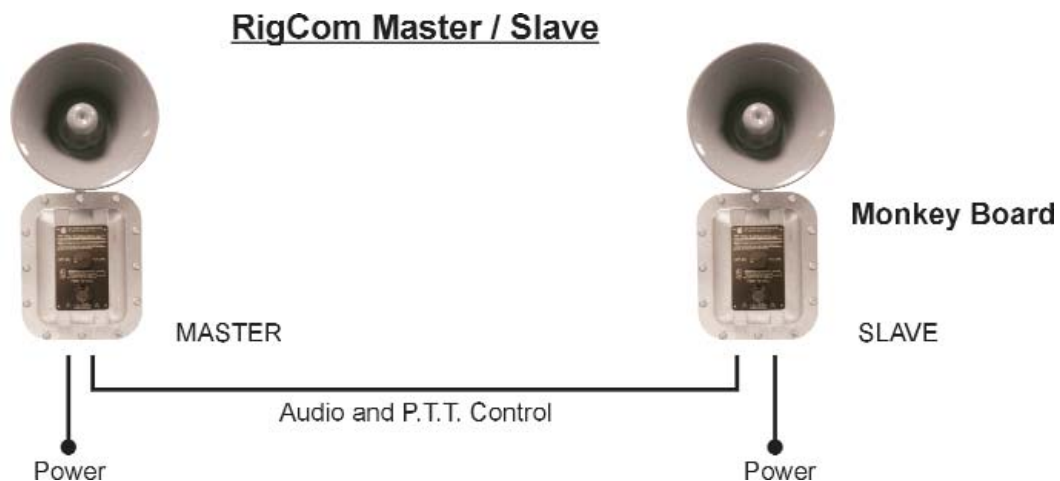


GAI-TRONICS Model 400-001 and 400-002NS RigCom Stations are a common-talk communication system designed for hazardous and harsh environments. The system is simple to use with push-to-talk, release-to-listen operation. The station can also be configured for hands-free operation where the speaker is always in listen mode. The RigCom station consists of an explosion-proof case, which houses the electronics, and an explosion-proof loudspeaker that also functions as the microphone.

Model 400-001 includes an attached speaker and driver unit. Model 400-002NS is a station without the speaker and driver unit. It does have a 1/2 inch NPT hole to

remotely mount and connect the speaker driver unit to the station. RigCom also has connections for an auxiliary microphone and footswitch option for remote operation from the station itself.

The RigCom is also 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. *For additional information please reference publication #990201.*



Part Numbers

400-001	RigCom Station
400-002NS	RigCom Station (no Speaker)

Accessories

10438-002	Microphone I.S. Barrier Kit
12801-002	Auxiliary Microphone only
51052-003	Auxiliary Footswitch
60075-001	Audio Cable, 18 AWG, 2 Pair

Specifications

AC Power

Voltage	120 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

Speaker (Model 400-001 Only)

Rating	30 watts maximum
Impedance	16 ohms
Frequency Response	400–3.5 kHz, +/-6 dB
Sound Pressure Level, 1 Watt @ 1 Meter, Swept Sine Wave	104 dB SPL

Station

Construction / Finish	Cast aluminum/Tumblast finish
Mounting	Wall or column, four 7/16 -inch mounting feet with slots
Connections	Plug-in style terminal blocks
Conduit Entries	Bottom - two 3/4-inch NPT Top - one 1/2-inch NPT (Model 400-002NS only) Bottom - two 3/4-inch NPT
Dimensions	508.0 × 261.9 × 360.9 mm (20.0 H × 10.31 W × 14.21 D inches)
Shipping Weight	
Model 400-001	36.0 lbs.(16.4 Kg)
Model 400-002NS	23.0 lbs.(10.5 Kg)

Environment

Temperature range (operating and storage)	-20° C to +60° C (-4° F to +140° F)
-------------------------------------------	-------------------------------------

Approvals

The models below are approved for the following hazardous areas when installed in accordance with Pub.42004-381, Control Drawing # 73214.

- Model 400-001 RigCom Station:

NRTL listed (USA)	Hazardous locations Class I, Div. 1, Groups C & D
When auxiliary microphone and/or footswitch is used	Hazardous locations Class I, Div. 1, Group D

- Model 400-002NS RigCom Station:

NRTL listed (USA)	Hazardous locations Class I, Div. 1, Groups B, C & D
When auxiliary microphone and/or footswitch is used	Hazardous locations Class I, Div. 1, Group D