VOICE INTERFACE

PRODUCT OVERVIEW

The GSC3000 Site Control System represents a major advance in site control technology and implementation, building on the Gentner site control product line and taking site control to the next level of innovation. Our famous VRC2000 revolutionized the site control industry by adding a new dimension to site control - that of DTMF control with voice response.

The GSC3000 Site Control System puts the user in total control of one or more sites from a single PC or multiple PCs at different locations. The addition of a Voice Interface to the GSC3000 product line will provide users with the telephone control features of the VRC2000, and more. The Voice Interface can be programmed to call you to report alarms. The Gentner Voice Interface is an add-on unit that expands the already powerful features found in the GSC3000.

FEATURES/BENEFITS

- 19-inch standard rack unit, 1 rack unit high
- Interfaces via G-Bus with existing GSC3000 I/O units to allow either primary dial-up access or as a secondary dial-up access path to the site
- Emulation of VRC2000 command set for compatibility
- Robust lightning protection
- Automatic in-activity hang-up (user-selectable time-out)
- Access to status, metering and command channels of any GSC3000 unit connected on the local G-Bus network
- Computer-generated voice to communicate metering values and status point information using "text to speech" technology for clear, easy to understand language
- Five number call out memory - allows interface unit to call five telephone numbers to notify a user of alarmed events occurring at the site
- Dial-In Modes: answer mode, answer voice mode, switch to data mode using touch tones
- Call Out Modes: call out to a pager, call a PC with a modem (modem

required on Voice Interface unit as well), call out in voice mode (user can enter password), call out in voice mode and leave a message
- Two levels of security:

  Observer - monitor status and take meter readings

  Operator - monitor status, take meter readings, command events, and capture data
- 3 incorrect password attempts drops telephone line
- User selectable access to either the built in condenser microphone for ambient room monitoring or external audio source (such as: off-air audio)
- Welcome and End message up to 256 characters long (text to speech conversion)
- Can be commanded to put Voice Interface telephone line audio on the air in lieu of normal program audio, in an emergency - allowing an appropriately authorized user to originate program audio from the Voice Interface telephone line

▤ = Gentner

800.945.7730
801.975.7200

VOICE INTERFACE

GSC3000 SITE CONTROL SYSTEM — ACCESSORY

ELECTRICAL SPECIFICATIONS

Physical Dimensions
19" W x 1.75" H x 10" D (1 rack unit)
48.3 cm x 4.75 cm x 25 cm

Power Requirements
100 - 240 VAC, 50 - 60Hz, 15watts

Audio Input
600Ohm, balanced, line level

Audio Output
600Ohm, balanced, line level

Telco Interface
Standard toll-grade 2-wire dial-up telephone line

Modem
(required for data mode connection)
2-wire, external, dial line type
(28.8K or better recommended)

REAR PANEL CONNECTIONS

AC mains power input (100 - 240VAC, 50/60Hz)

Set/Modem
Connects to either a local telephone set, or in data mode, to modem 2-wire output

Line
Connects to 2-wire Telco dial-up line

G-Bus 1
Network connection to local GSC3000 site control unit(s)

G-Bus 2
Network connection to local GSC3000 site control unit(s)

Audio Out
Dial-up line audio output may be used to put dial-up line audio on air in an emergency (as an example)
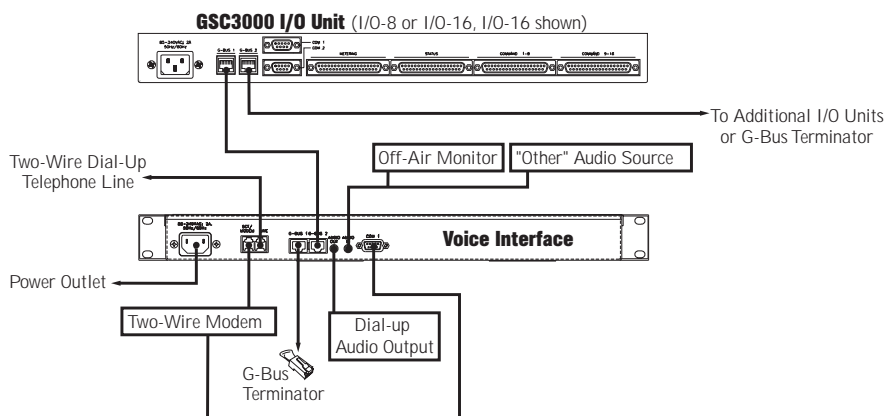
Audio In
External audio source input, switched on command - may be used to monitor off-air audio, as an example
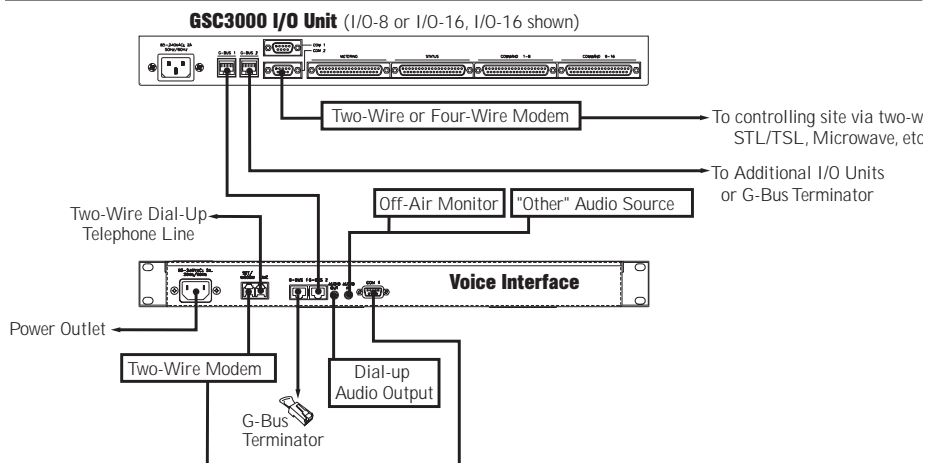
COM 1
RS-232 data I/O connection to modem (data mode)

Note: Additional modem not required if Voice Interface will be used in voice mode only. External two-wire modem required if data mode will be used along with voice mode.

SINGLE TELEPHONE LINE

GSC3000 I/O Unit (I/O-8 or I/O-16, I/O-16 shown)

To Additional I/O Units or G-Bus Terminator

Off-Air Monitor   "Other" Audio Source

Two-Wire Dial-Up Telephone Line

Voice Interface

Power Outlet

Two-Wire Modem

Dial-up Audio Output

G-Bus Terminator

DUAL TELEPHONE LINE

GSC3000 I/O Unit (I/O-8 or I/O-16, I/O-16 shown)

Two-Wire or Four-Wire Modem

To controlling site via two-w STL/TSL, Microwave, etc

To Additional I/O Units or G-Bus Terminator

Off-Air Monitor   "Other" Audio Source

Two-Wire Dial-Up Telephone Line

Voice Interface

Power Outlet

Two-Wire Modem

Dial-up Audio Output

G-Bus Terminator

WE PUT THE WORLD ON SPEAKING TERMS™

Gentner

Try our conference Call service:
1-800-LETS MEET