GEMINI™ 8 TO 96 ZONE HYBRID CONTROL
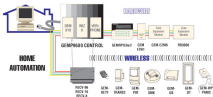
GEMINI
P9600

GEM-P9600 Control and GEM-RP1CAe2 Keypad, shown.

EXIT TYPE DBL
PLEASE LEAVE NOW!

NAPCO's Gemini™ GEM-P9600 is a powerful multi-tasking hybrid control panel. It is feature-rich for both security applications and seamless home automation integration.

HOME AUTOMATION

GEM-P9600 CONTROL

WIRELESS

GEMINI™
BY NAPCO
The Power of Innovation

GEMINI™ 8 TO 96 ZONE HYBRID CONTROL

GEM-RP1CAe2   GEM-RP2ASe2   GEM-RP3DGTL

CONTROL PANEL FEATURES

- Exit/Entry Delay, Interior, Follower, Day Zone, Chime, Fire Option, Sensor Watch Swinger Shutdown, Zone Arming and a variety of other features
- Up to 96 zones with optional zone-expansion modules and 4-wire keypads
- Installing up to 8 2-Watt Fire Zones
- Up to 96 individually coded users, each with a programmable authority level
- **Exclusive RS232 Panel-Port supports PC Home Automation/Networking Integration for 9600 Baud comprehensive communications**
- 3 on-board relay outputs, expandable to 96
- Three keypad panics: Fire, Police & Auxiliary
- Up to 8 independent, area partitions
- Up to 8 separate access stations by up to 96 users
- Up to 64 separately-addressable 3/0 devices with the GEM-X10MT
- English-language prompts & system status messages from choice of keypad (3) models
- User-customized zone descriptions, re-programmable as required
- Support, 2-wire and 4-wire smoke detectors
- Reports alarms, restores and troubles by zone
- 255 Event Schedule
- 8X8 Event Log
- Over new NOdd permits monitoring and control of total system from one keypad
- Supports up to 4 RF Receivers
- Guard-T our programmable: for start time, tour length and check points (four stations)
- 2 programmable unit: utility times
- 2 Interior Bypass groups
- Dynamic batter y test interrupts charging and places batter y under load every four hours
- Chime by zone programmable duration
- Nonvolatile RAM retains memor y during power losses
- QuickMode™ programmable
- Auto-Download Log
- Exclusive VAILID™ FEATURE (Verifying Automatic Line Integrity Diagnostic) reduces false alarms due to changes in line resistance

COMMUNICATOR FEATURES

- Compatible with all major receiver formats, including BFSK, 4/2 Modem, 2 SIA, 4/3/1, 4 + 2 Express and Point ID
- Robor e dial and Touch-Tone™ with Robor e dial beep
- 3 2-Digit telephone numbers
- Backup reporting: Double Reporting, Split Reporting
- 96-Color Codes with Queuing/Diaring Reporting by User
- AC Failure Reporting with programmable report delay
- Super vised telephone line out with programmable delay
- Pager capability

SPECIFICATIONS

- Operating Temperature: 0-49°C (32-120°F)
- Input Power: 16.5V ac-ac Class 2 Plug-in 40VA Transformer - supplied
- Loop Voltage: 10-13V VC
- Loop Current:25mA with 2.2ohm end-ofline resistor
- End-of-81.0(2.2K) 5mA for 2-wire smoke-detector zones
- Loop Resistance: 300/V max, 50V for 2-wire smoke detector zones
- Relay Outputs (Burglar y Reset: Aux) Wet, 12Vdc, 12A max; Dr y (cut relator) jumper for dr y contacts), SPDT contacts: 24V, 0.6 PF
- Auxilier y Power Output: 12 volts regulated
- Remote Power Output: 12Vdc regulated (for keypads)
- 750 mA combined Standby Current (Remote Power + Aux Power + Reset Relay Power)
- Standby Time: Residential: Fire/Burglar y & Commercial Burglar y, 4 hours minimum
- 12V1 Module
- GEM-EZM8: Input, 50mA (including RSM); Output: 91mA Output: 9V14, 12V Special Application
- Keypad Current: GEM-RP1CAe2: 100mA, 35mA if back-lighting is disabled (cur WL 9V2 & 9V3); ROM Output: 5mA, 12V Special Application
- Maximum Number of Keypads: 15 Maximum Wiring Length: for each run (#22A WAG 10/22) dictated by total number of keypads & 6mA on run
- Designer Keypad Dimensions: 4-3/8" x 5 7/8" x 1-1/8" (HVU3): 11.1cm x 14.9cm x 22cm (HVU0)

ORDERING INFORMATION

- GEM-P9600: Hybrid Control Panel
- GEM-RP1CAe2: Mercantile Version of Above
- GEM-RP1CAe2: 32-Character (2-Row) Backlit LCD Keypad with 4 E/OL Zone Expansion Module built-in
- GEM-RP2ASe2: Alpha/Icon Keypad
- GEM-RP3DGTL: Digital Keypad

Supports GEM-WP PANEL Waterproof Panic Button/Pendant

Use with Pw4 Bonn(6) Crystal-Controls/WMusiLese Lines.

(L-R) GEM-AP AF Adaptive Base, GEM-PIR RF PIR, GEM-637F Wireless Key, GEMKEY44-10 RF Receiver, GEM-TRANS2 RF Window/Door Transmitter, GEM-GMM Wireless Smoke and GEM-GB RF Glass Break.

CHOICE OF THREE KEYPAD STYLES

OPTIONAL ACCESSORIES AND PERIPHERALS

- GEM-EZM8 8-Zone Expansion/Zone Module
- GEM-4/VA Electronic Voice Annunciator - Unique Consumer Aid "Talks" users through system operation
- VE68-PHONE: Two Way Voice Session w/Module
- WA7408A No Talking Alarm/Appliance/Remote Controller works through power and a microphone
- GEM-RECV8 Wireless Receiver, 8 Points
- GEM-RECV16 Wireless Receiver, 16 Points
- GEM-RECV32 Wireless Receiver, 32 Points
- GEM-TRANS2 Mini-Door Transmitter, 2-Point
- GEM-KEY F Key Fob Transmitter
- GEM-SMK4 Wireless Smoke Detector
- GEM-PIR Wireless PIR, 50x50'
- GEM-IOT Wireless Adaptive IP Dual Technology Sensor, 40x40'
- GEM-4GIB Wireless Glass Break Detector
- GEM-AP4 PANIC Waterproof Panic Button/Pendant

HOME/FACILITIES AUTOMATION:

- **GEM-AUTOMATION: Alarm-to-PC Interface for 100% 2-Way Intercommunications with a growing number of Leading PC Automation Software Packages (including, but not limited to, IBM Home Director™, Savoy CyberHouse™, Crestron, Phast, etc.)**
- **GEM-DEVELOPER System Development Professional's Protocol for Custom Programming & Seamless Integration with Gemini RS232 Port Communications.**
- **GEM-RS232 Standard RS232 Panel-Port Interface**
- **GEM-X10: Interface Module Provides Programming & Scheduler-Integrated X-10 Device Support.**

- MA-SE30 8-Relay Module
- MA731 Line-Reverse Module
- PS302 8 Power Supply Module, 13.2Vdc, 1.5A
- EOL130 2-Wire Fire Zone Resistor, 130 ohm, 3ohm
- EOL2.2K End-of-Line Resistor Assembly, 2.2ohm for Fire Circuit
- FT2-2030 End-of-Line Relay/Resistor Supervisor y Module
- RB103 Relay Board
- RBM74 Rechargeable Battery, 12Vdc, 4AH
- RBAT45 Dual Battery Harness
- RPB-3: Universal Junction Box
- TRF11: Transformer, 16.5ac 40VA Class 2
- WL1 Wake-Assembler/Up Connector
- PCB3000 Downloading Documentation for IBM-PC Compatible
- PCB3000: 3-000 Downloader Up/Download Alpha/Keware
- PCI-MM Notebook Computer Interface
- DHS5 Instruction Manual GEM-P9600
- WI773 Programming Manual