

# Gemini P3200



NAPCO's Gemini™ **GEM-P3200** a popular, all-around 8 zone hybrid control expandable to 32 zones or 48 wireless points.



Gemini keypads compatible with the GEMP3200

	K1CA	K2AS	K3DGTL	K4RF	K4	RP1CAe2	RP2ASe2	RP3DGTL	RP8LCD	RP8/K800
GEMP3200	•	•	•	•	•	•	•	•		

# Gemini™ P3200 zone hybrid control

## Control panel features

- 8 End-of-line-resistor burglary zones programmable for area, exit/entry delay, interior, follower, day zone, chime, fire options, sensor watch, swinger shutdown, zone arming and a variety of other features
- Up to 48 points of up to 32 zones with optional zone-expansion modules 4- zone keypad EZMs (built-in)
- Including up to 2 2-wire fire zones
- Up to 32 individually coded users, each with a programmable authority level
- 3 on-board relay outputs, expandable 24 external relay outputs
- 3 keypad panics: fire, police & auxiliary
- 2 independent area partitions
- Up to 7 separate access stations by up to 32 users
- Up to 24 separately-addressable X-10 devices with the GEM-X10KIT
- English-language prompts & system status messages from choice of keypad (8) models
- User-customized zone descriptions, reprogrammable as required
- 2-wire and 4-wire smoke detectors
- Reports alarms, restores and troubles by zone
- 255 event schedule
- 800 event log
- Overview mode permits monitoring and control of total system from one keypad
- 2 programmable entry delay times
- Interior-bypass group
- Dynamic battery test interrupts charging and places battery under load every four hours
- Chime by zone; programmable duration
- Non-volatile RAM retains memory during power losses
- Quickloader™ programmable
- Auto-Download Log
- Exclusive V.A.L.I.D.™ 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
- Rotary dial and TouchTone™ with Rotary backup
- 3 20-digit telephone numbers
- Backup reporting, double reporting; split reporting

- 32 User codes with opening/closing reporting by user
- AC failure reporting with programmable report delay
- Supervised telephone line cut with programmable delay
- Pager capability

## Specifications

- Operating temperature: 0-49°C (32-120°F)
- Input power: 16.5Vac via Class 2 Plug-In 40VA transformer
- Loop voltage: 10-13Vdc
- Loop current: 2.5mA with 2.2ohm end-of-line resistor (model EOL2.2K); 5mA for 2-wire smoke-detector zones
- Loop resistance: 300W max.; 50W for 2-wire smoke detector zones
- Relay outputs (burglary; reset; aux): wet, 12Vdc, 1.2A max.; dry (cut related jumper for dry contacts), SPDT contacts 24Vdc, 2A, 0: 6 PF
- Auxiliary power output: 12Vdc regulated
- Remote power output: 12Vdc regulated (for keypads)
- 650 mA combined standby current (remote power + aux. power + reset relay power)
- Standby time: residential fire/burglary & commercial burglary, 4 hours min.
- EZM module: GEM-EZM8: Input, 50mA (including PGM output. PGM output: 5mA, 12V special application
- Keypad current: GEM-RP1CAe2: 100mA; 35mA if backlighting is disabled (cut W1, W2 & W3) PGM Output: 5mA, 12V special application
- Maximum number of keypads: 7. Maximum wiring length for each run (#22AWG): 1000' divided by total number of keypads & EZMs on run
- Designer keypad dimensions: 4 3/8" x 5 7/8" x 1 1/6" (HWD); 11.1cm x 14.9cm x 2.7cm (HWD)

## Optional Accessories And Peripherals

- GEM-EVA: electronic voice annunciator - unique consumer aid. "Talks" users through system operation
- VERI-PHONE: Two-way voice/listen-in module

- WIZARD IIe: Talking alarm/appliance remote controller works through any touch-tone phone
- GEM-RECV8: Wireless receiver, 8 points
- GEM-RECV16: Wireless receiver, 16 points
- GEM-RECV96: Wireless receiver, 96 points
- GEM-TRANS2: Window/door transmitter, 2-point
- GEM-KEYF: Keyfob transmitter
- GEM-SMK: Wireless smoke detector
- GEM-PIR: Wireless PIR, 50x40'
- GEM-PIRPET
- GEM-RTRANS
- GEM-DT: Wireless Adaptive® Dual Technology sensor, 40x40'
- GEM-GB: Wireless glass break detector
- GEM-WP PANIC: Waterproof panic button/pendant
- RM3008: Relay module
- M278: Line-reversal module
- PS3002: Power-supply module, 13.2Vdc, 1.9A
- EOL130: 2-wire fire zone resistor, 130ohm, 3ohm
- EOL2.2K: End-of-line resistor assembly, 2.2ohm for fire circuit
- FT2200: End-of-line relay/resistor supervisory module
- RB1000: Relay board
- RBAT4: Rechargeable battery, 12Vdc, 4AH
- RBATH1: Dual battery harness
- RPB-3: Universal junction box
- TRF11: Transformer, 16Vac/40VA, Class 2
- WL1: Wire assembly with lug connector
- PCD3000: Downloading software for IBM PC-compatible
- PC12000/3000: Software with interface for IBM-compatible computer
- PCI-MINI: Notebook computer interface
- OI163: Instruction manual
- WI818: Programming manual

## ORDERING INFORMATION

- GEM-P3200: Hybrid control panel & transformer
- GEM-P3200M: Mercantile version of above
- GEM-EZM8: 8-zone expansion zone module

Compatible with these standard **Gemini keypads**



**GEMK1CA**  
4 built in zones



**GEMK2AS**



**GEMK3DGTL**



**GEMK4/K4RF**



**RP1CAe2**  
4 built in zones



**GEMRP2ASe2**



**GEMRP3DGTL**



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