

**S P E C I F I C A T I O N S**



Model CP-220 Central Station Receiver

**DESCRIPTION:**

The CP-220 is a state-of-the-art Digital Alarm Communicating Receiver which supports most Digital Formats transmitted by Digital Alarm Communicating Transmitters as well as Versus Derived Channel Technology. The 8 line capability provides maximum flexibility. It has been designed for either counter top or rack mounting, to suit your environment, and utilizes an external parallel printer which allows you to select from a variety of manufacturers and models. The CP-220 can be connected directly to your central station computer or it can operate in manual mode. It continuously checks the central station computer connection and alerts the operator if the link fails for any reason. In Manual mode the internal buzzer sounds and the operator log in feature provides accountability. A remote sounder can be added to assure that the operator can hear it even in a remote area. Signals can be processed on all 8 line cards simultaneously, providing superior signal throughput. English text can be provided on the display and printout and is programmable by line card.

**CP-220**  
**Digital Central Station Receiver**



**STANDARD FEATURES:**

- Accepts most formats on same line card
- Stores 26 signals per line card
- 8 line cards capable of monitoring 400,000 accounts
- 61 functions programmable from front panel keypad
- Vacuum Fluorescent 40 character display of all signals and system messages
- Different English language for each line card
- Exclusive power supply eliminates need for cooling fan
- All programming permanently stored even if AC and battery power are lost
- RS 232 output for computer compatibility
- Operator log on/log off by ID
- Can be used stand alone or with computer
- Built-in listen in capability
- Line fault detection
- Automatic or manual pick up capability
- Easy access to line cards from front panel
- UL listed for both fire and burglary
- Can use without phone line for proprietary applications

**SYSTEM COMPONENTS**

- CP-220** Digital central station receiver includes REC-3 input-output board, REC-4 CPU board, REC-5 memory board and two REC-11 line cards
- CP-220X** 220 volt version of CP-220
- REC-3** Spare input-output board

- REC-4** Spare CPU board
- REC-5** Spare memory board
- REC-10** Versus Technologies line card
- REC-11** Digital line card

# CP - 220 SPECIFICATIONS

## OUTPUTS

- Remote Sounder - normally open dry contacts - Max 2A 150VAC
- External Printer - Centronics connector
- RS 232 DTE interface port for connection to the Central Station Computer
- RS 232 DCE interface port for connection to a modem
- Listen In remote output - 8 Ohm minimum impedance

## INPUTS

- 8 Manual Terminals - allow alarm panel to be directly connected to the line card for testing purposes

## EXTERNAL PRINTER

Any Centronics compatible parallel printer listed by UL for burglary may be used with the CP-220.

## LISTINGS AND APPROVALS

UL Central Station Burglary  
UL Police Station Connected Burglary  
UL Central Station Fire  
Factory Mutual Pending

## ENVIRONMENT

Temperature: 120°F (49°C) to 32°F (0°C)  
Humidity: 85% (±5%) at 86°F (±3°F) or 30°C (±2°C)

## DISPLAY

Screen size: .875" high, 8.0" wide vacuum  
Fluorescent 40 character display

## DIMENSIONS

Counter Mount:

7" high x 17" wide x 20" deep

177.8mm high x 431.8mm wide x 508mm deep

Rack Mount:

7" high x 19" wide x 21.5" deep

177.8mm high x 482.6mm wide x 546.1mm deep

## POWER INPUT

AC Line cord to be plugged into 110-120VAC 60Hz  
1 amp 24 hour non switched outlet

## STAND-BY POWER

Battery Connector provided for an External 12V 55A gel  
cell. maximum charger current 5 amps.

## TELEPHONE CONNECTIONS

8 pair of terminals (tip and ring)

## LISTEN-IN

- Built in speaker on front panel with volume control knob
- Headphone jack on front panel
- Terminals on back panel allow the connection of an 8 ohm speaker for remote output

## FORMATS SUPPORTED

- Outputs both 2300 and 1400Hz Handshake and Acknowledge Tones, and ADEMCO Hi/Lo
- Pulse formats at 10pps, 20pps or 40pps
- 3 x 1 - with or without parity
- 4 x 1 - with or without parity
- 4 x 2 - with or without parity
- SK 4x1 FSK, SK 4x2 FSK1, SK 6x4 FSK2
- LAR300

- ADEMCO Superfast - TouchTone™
- ADEMCO Point Identification (PID) - TouchTone™
- ADEMCO EXPRESS - TouchTone™
- BFSK
- Sescoa Fast
- Acron Superfast
- FBII Superfast



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