



Central Alarm Receiver

CarePoint

Senior Living Solutions

# Managing the Resident Safety Backbone

## Central Alarm Receiver

The Central Alarm Receiver (CAR) is a key component of the heart of the CarePoint System, the Central Monitoring Station. It regularly polls each wireless receiver and transfers data from remote devices to the Central Monitoring Station PC for processing and alert notification if necessary. The CAR also monitors the health of system components. If it detects an error in the system, it informs the Central Monitoring Station PC, which notifies caregiver or maintenance contacts as necessary through the CarePoint call escalation engine. The CAR also performs mobile device signal strength analysis, helping the CarePoint software to identify a signal as coming from the location of a specific receiver.

### Redundant Design

The CAR plays an essential role in CarePoint's system redundancy. It is capable of sending local alerts to on-site caregivers in the unlikely event that the Central Monitoring Station PC is unable to do so. The CAR is designed to sit on a flat surface for installation, or can be wall or rack-mounted with optional brackets if necessary.

#### Features and Benefits

- Key Central Monitoring Station component
- Monitors network and component health
- Receives and relays data
- Signal strength analysis
- Local alert redundancy
- Remote downloadable firmware

**PHILIPS**

sense and simplicity

## Technical Specifications

### Reference

Central Alarm Receiver  
Philips Part Number: 1900573

### Electrical

Input Power: 12V DC, 0.5A

### Mechanical/Environmental

Dimensions: 11.5" x 6.5" x 2" (L x W x H)

Weight: 3 lbs

Construction: 24 AWG steel

Color: Black

Operating temperature: 5° to 55° C

Storage temperature: -34° to 60° C

Relative humidity: Maximum 95% non-condensing

### Connectors

- DB9F for connection to central monitoring station computer
- Two RJ45 connectors for backbone connection
- DB9F for paging system input
- DB9F for paging system output
- Modular power jack with positive retention feature

### Indicators

- Power LED
- Error LED

### Agency Certifications

- FCC Part 15
- UL 1637, 3rd Ed. (Home Health Care Signaling Equipment)
- UL 1635, 3rd Ed. (Digital Alarm Communication System Units)
- UL 1069, 7th Ed (Hospital Signaling and Nurse Call Equipment)
- CSA C22.2 No. 205-M1983 (R2004) (Signal Equipment)

### Warranty

1 year from date of purchase

## Features and Benefits

### Key Component

The CAR is essential to overall system function and redundancy

### Network Health

The CAR monitors all resident safety backbone components for proper operation.

### Signal Strength Analysis

The CAR performs signal strength analysis on alerts to help provide an alert location for mobile devices.

### Alert Redundancy

The CAR is capable of sending out local alert pages if the PC is unable.

### Remote Downloadable Firmware

The CAR can be programmed through the CarePoint software, allowing incremental feature additions without hardware changes.



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