



# **application note**

## **INFORMATION FOR DISTRIBUTORS**

**NO. HAN0030**

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**TO: ALL HEALTH CARE DISTRIBUTORS – U.S., CANADA & EXPORT**

**SUBJECT: USING THE R4K14SA AUDIO SINGLE BED STATION  
W/ STAFF EMERGENCY IN A VISUAL-ONLY RESPONDER®  
4000 SYSTEM**

This application note outlines what is required when using an R4K14SA Audio Bed Station w/ Staff Emergency in a visual-only Responder 4000 system. This note includes the installation, programming, and testing procedures needed.

For additional information, please contact Health Care Marketing Support.

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## R4K14SA Visual System Configuration Test

**Purpose:**

Verify that the R4K14SA can be configured to work with a visual corridor light.

**Introduction:**

Version 1.09 of R4KWARE will not allow an R4K14SA to be added to a Responder 4000 visual corridor light because the R4K14SA contains audio components. The R4K14SA looks like two stations to a corridor light. The main problem is the cancel button that is only hard-wired to one side of the station.

**Test and Installation Procedure:**

The R4K14SA can be configured using the R4KWARE GUI software to work on a Responder 4000 visual corridor light as long as all of the following conditions are met:

- The corridor light must be in an “area” that has the Cancel Policy set to “Room-Wide” (option on the Define Area screen)
- The “BED” side of the station connects to position 1 of the corridor light and is configured as an R4K11V. The blue and white/blue wires should be cut and the remaining six conductors terminated with an R4KCONN6 connector per Install Manual directions.
- The “BUTTON” side of the station connects to position 2 of the corridor light and is configured as an R4KPB11.
- On the Define System-Wide Options screen, the *Priority Level at or below which cancel policy applies* must be set higher than the priority of the R4KPB11.

**Test components:**

- CLV122
- R4K14SA
- CAT-5 wire and R4KCONN6 connectors
- R4KNIM
- R4KPR400 power supply

**Test setup:**

Configure and wire stations in a Responder 4000 system per normal and special procedures as described above.

**Test Results:**

- The R4K14SA was added to a test system in the Alpha Lab configured as described above
- Calls were placed and cancelled from the call cord/DIN and the “HELP” button.
- All station functions were per requirements

**User Installation for the R4K14SA in a “Non-Audio” Application:**

Install each R4K14SA as explained above in “Test and Installation Procedure.” Not more than (2) R4K14SA’s should be installed on a single CL. Assign and plug connections in order – headers 1 and 2 for first station, then header 3 and 4 on the CL for the second station. Be sure to “software and hardware” configure all CL button positions as described above.