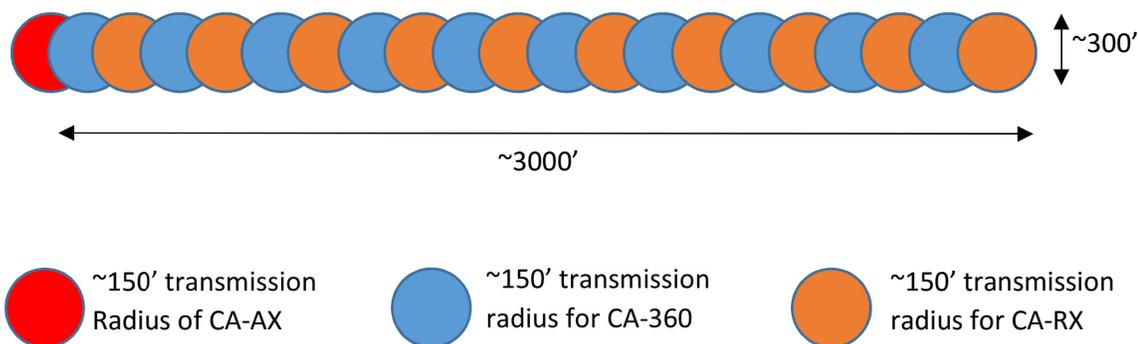


FAQ

Central-Alert Receiver with Built-in Repeater Function

All Central-Alert™ receivers (CA-360, CA-RX, CA-PX) have a built-in wireless repeater function. The purpose of the repeater function is to expand the coverage area of a Central-Alert™ system. After receiving a wireless signal from an accessory device such as an audio sensor (CA-AX), each receiver rebroadcasts the CA-AX wireless signal to other nearby receivers. Effectively, this extends the wireless signal to a much greater distance.

For example, assuming a system consists of a CA-AX, ten CA-360 and ten CA-RX placed in a straight line arrangement, its effective distance can be expanded from 150 ft. to 3000 ft. The total coverage area for this configuration is approximately $300' \times 3000' = 900,000$ sq. ft. Whereas without this repeater function, one CA-AX can only cover an area of $\sim 70,000$ sq. ft. regardless of how many receivers are in the system.



Instead of placing all receivers in a straight line configuration, the same system can also be arranged to cover a rectangular area as shown below. The total coverage area for this configuration is approximately $750' \times 600' = 450,000$ sq. ft.

