

## Functional description

The **CE1** is part of a seatbelt control system of a road vehicle which further comprises of multiple seat modules CD1. The **CE1** cyclically wakes up all corresponding CD1 over LF (21.85KHz) one after the other and requests their status. This status is received over 434 MHz unidirectional communication.

The function of the **CE1** is to identify the status of the seat parameters as sensed by the CD1. The **CE1** can be triggered at ignition ON to identify the current status of the buckle & occupancy of the seats & at every state change detected by the CD1.

Messages received by the **CE1** are sent to a central controller module. No other load are connected to the **CE1**.