

Digital Room Compensation procedure (DRC)

1. Prepare the detectors for DRC testing. The units should be in Day mode and LED in Monitor mode (DIP switch position 2 in OFF state or external AIS signal applied).
2. Put the power on by pressing the START button.
3. Bring ADT 700 tester closer within a range of 0,7 to max. 1,5m and direct it towards the AD 700. Every command made by the tester is first be verified by short blinks if received well.
4. Initiate DRC procedure by pressing the START button again. The detector enters DRC mode confirming it by flickering LED.
5. Go to the protected object and point the tester towards the detector. Press the DRC button 2-10 times.
6. DRC range calculated by the detector will be displayed as flickering pulses from 1 to 3. In case the detector is placed too far away or too close to the object the LED will not show DRC range but only be flickering.
7. Finish DRC procedure by sending an acoustic STOP command within 0,7-1,5 m from the detector.
8. If the DRC range measured by the detector is different from actual DIP switch (positions 4,5) settings, the detector will continuously display the proper range number (1 to 3) to be set in detector.
9. You can exit this by pressing STOP again or wait 3 minutes.

Timeout

Both the detector and the tester are equipped with a 3 minute timeout function. The AD 700 detector will quit DRC mode and the ADT 700 tester will switch off power to preserve energy.

Low battery

The LED signals the state of the battery:

- LED green continuously shines – the battery state is OK
- LED green is blinking – the battery needs to be recharged

Battery recharging

Battery can be recharged with the help of external DC source. During recharging red LED is permanently on.

CAUTION! ADT 700 produces very loud acoustic signals. Do not operate it in proximity of the ears. Always wear protection aid.