

Simple Programming for DFT



Creating the Programming ADD and DELETE keys

Upon delivery the DFT is set to LOCK CYCLE (electric locks are closed automatically after a preset interval), and no key is assigned. When power is applied the first time, the LED attached to the DFT (integrated into the antenna) flashes **green**. This tells the user that the next transponder key (preferably a green one) presented to the antenna will be programmed as the future **Programming ADD Key**. After the **Programming ADD Key** is assigned, the LED flashes **red**. This tells the user that the transponder key (preferably a red one) presented now will be programmed as the future **Programming DELETE Key**. The recognition of the two keys is indicated by a short flash.

Programming the users keys via the DFT

Once the programming mode has been entered by presenting the **Programming ADD Key** (green) to the DFT, the LED flashes green and the electric locks connected to the "simultaneous port" are switched OPEN. In this mode the keys which are intended to control the locks connected to the simultaneous port can be assigned.

If the **Programming ADD Key** (green) is presented (and removed) once more before the DFT goes back to the normal mode, those keys can be assigned to control the respective electric locks connected to the DIALOCK Output Extender. This status is indicated by switching the first lock to OPEN, and flashing the green LED with two flashes, one pause, two flashes, one pause, etc. Any key now presented will be selectively assigned to this lock.

With each subsequent presentation of the **Programming ADD Key** (green), the next extender output is activated to address the next lock. The respective lock number is indicated by the flashing sequence, where the number of flashes is the number of the lock plus 1. If no key is presented for a 5 second interval, then the programming mode ends (or switches back to the normal mode).

Deleteing individual user keys

The **Programming DELETE Key** (red) is presented to the DFT antenna and then removed. The LED flashes red. Any user key presented to the reader within 5 seconds will be erased from the unit. The DFT then goes back to the normal operation mode and the LED shines red.

Deleting all user keys from the DFT

The **Programming DELETE Key** (red) is presented to the DFT and then removed. The LED flashes red. The **Programming ADD Key** (green) has to be presented within 5 seconds. All user keys formerly stored in the unit are erased, the LED shines red. The DFT is set to normal mode.

The opening time of the electric locks can be adjusted with the configuration key # 74 (hex). This key is presented to the DFT until the LED alternates between green and red. Now the **Programming ADD Key** (green) is presented to the reader, and is held in the reading field. The LED slowly flashes green. The opening time is now adjusted to the time the **Programming ADD Key** (green) is kept in the field up to a maximum of 25 seconds (in 1 second increments).

If the **Programming ADD Key** (green) is presented for less then 1 second, the DFT is set to TOGGLE MODE. The DFT is set back to LOCK CYCLE operation mode by setting the opening time to 1 second or longer. The factory set LOCK CYCLE has an opening time of 3 seconds.