

# Operating instruction parameter smart card

## Loading of a new parameter set with a smart card

### Meaning:

The control unit MLC is supplied with factory-programmed functions which are set in a parameter set. Additional changes can easily be done with the so-called parameter smart-card (F-card). This contains a set with the desired new parameters which can be copied by plug-in in the control unit MLC.

### Proceeding

1. Read and note down the programmed values like programme no., torque time barrier-open period etc.  
Also see:  

Operating instructions  
MAGSTOP Traffic Barrier  
MIB20/30/40  
Control unit MLC  
Chapter 6.4, Programming and Reading of the operating data
2. Turn off the voltage.
3. Turn the rotary selector switch on the front panel of the control unit to position 0.
4. Remove black cover on the right side of the MLC or, if necessary, plug-off the flat cable connected to the I/O extensions box.
5. Put the smart card on the 10-pin connector.  
**WARNING ! Plug-in the smart card the right way, i.e. the inscription is on the right side.**
6. Switch on again the voltage  
After switching on the voltage the start-up routine of the controller starts.  
After a few seconds the following message is displayed.

copy F-card

The start-up routine then starts once again. The start-up routine ends and displays

adjust sensor

Now the control unit is in initial position with the new parameter sets.  
Now pull off the parameter smart card from the connector.

7. The next stage involves the self-optimization of the barrier movement.  
See operating instructions chapter 8, appendix.
8. Now program the control unit with the values noted before.

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## Appendix

### Possible Errors

Error	possible reason	settlement
- "wrong parameters" displayed	<ul style="list-style-type: none"><li>- uncomplete down load of the parameter set.</li><li>- smart card does not contain the desired data</li></ul>	<ul style="list-style-type: none"><li>- re-copy</li><li>- use smart card with correct parameters</li></ul>
- smart card cannot be copied	<ul style="list-style-type: none"><li>- desired parameters are already stored</li><li>- MLC10-XXX und PLC10-XXX do not correspond.</li><li>- smart card was plugged the wrong way round</li><li>- defect smart card</li></ul>	<ul style="list-style-type: none"><li>- check by reset, what parameters are stored.</li><li>- order the parameters that correspond to the MLC program</li><li>- plug in the smart card the right way and re-copy</li><li>- order a new smart card from Magnetic</li></ul>
- "empty smart card" displayed	<ul style="list-style-type: none"><li>- the limit (maximum allowed copies) is exceeded</li></ul>	<ul style="list-style-type: none"><li>- order a new smart card from Magnetic</li></ul>