

MemoNet



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- IT **Scheda di memoria per centrali di comando serie NET**
Istruzioni d'uso ed avvertenze
- EN **Memory board for NET series control units**
Operating instructions and warnings
- FR **Carte mémoire pour centrales de commande série NET**
Notice d'emploi et avertissements
- DE **Erweiterungskarte für Steuereinheiten der Baureihe NET**
Bedienungsanleitung und Hinweise
- ES **Tarjeta de memoria para centrales de control serie NET**
Instrucciones de uso y advertencias
- PT **Placa de memória para centrais de comando série NET**
Instruções para utilização e advertências
- PL **Karta pamięci dla centralek sterowniczych serii NET**
Instrukcja montażu i użytkowania
- RU **Плата памяти для подстанций управления серии NET**
Инструкции и предупреждения



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MemoNet

Memory board for NET series control units

Instructions for use and warnings

EN

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1 SUMMARY OF WARNINGS

Read carefully: lack of compliance with the following warnings could be dangerous. Please keep this manual for future reference.

⚠ WARNING THE IMAGES AND SCREEN SHOTS USED IN THIS MANUAL MAY BE DIFFERENT FROM THE ACTUAL PRODUCT.

⚠ WARNING THE CONTENTS OF THIS USER MANUAL MAY BE DIFFERENT FROM THE PRODUCT OR SOFTWARE SUPPLIED, WHICH ARE SUBJECT TO CHANGES WITHOUT PRIOR NOTICE. GO TO THE WEBSITE WWW.DEASYSTEM.COM FOR THE MOST RECENT VERSION OF THIS MANUAL.

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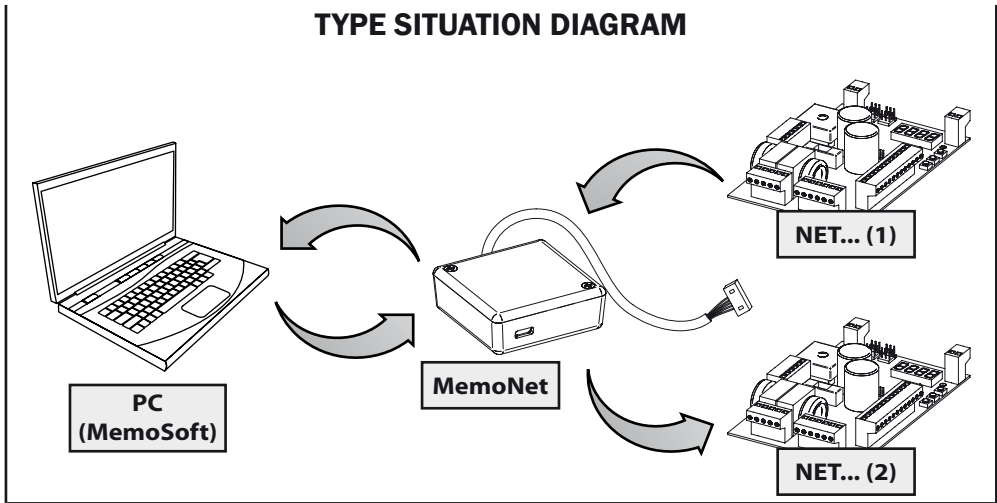
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2 PRODUCT DESCRIPTION

The MemoNet memory board enables to save (or upload) the entire memory (TYPE of operation in use, parameter values and radio memory) of a **DEA** System NET series control unit. Once it is connected to a NET control unit, MemoNet is quickly managed with P011 (**for downloading**) and P012 (**for uploading**) parameters. Therefore, it is possible to transfer the entire memory from one control unit to another without wasting time in setting certain parameters or learning of any previously stored radio controls.

MemoNet also has a Micro USB port thus enabling connection to a computer. Using the MemoSoft software it is possible to easily manage and store the memory of one or more control units.

TYPE SITUATION DIAGRAM



3 MEMORY TRANSFER (MEMONET ↔ NET)

WARNING The connection/disconnection of the MemoNet card is to be done with the NET control card turned off.

With the power turned off, connect the MemoNet board to the NET control unit using the appropriate cable. Make sure the connector is wired correctly.

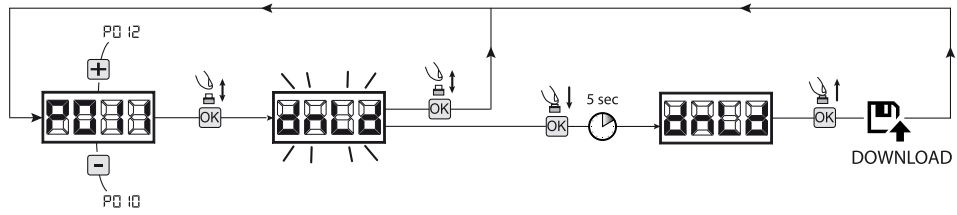
At this point, follow the procedures listed below:

Downloading data to an external memory device (DOWNLOAD)

1. Scroll the parameters with the \oplus and \ominus keys until the screen reads P011;
 2. Press the OK button, the screen shows the flashing "dnl d";
 3. Press the OK button again and hold it down for at least 5 seconds (this procedure will stop if the button is released before this time);
 4. Release the OK button as soon as the "dnl d" stops flashing;
- All control unit settings (TYPE, parameter, radio controls, engine strokes) are saved on the external storage device;

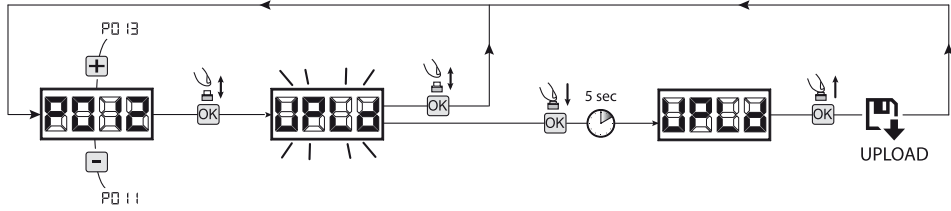
Warning: If data is found on the external storage device, these will be overwritten during the download of the memory.

5. P011 will appear on the screen when the operation is completed.



Uploading data from an external memory device (UPLOAD)

1. Scroll the parameters with the **+** and **-** keys until the screen reads P012;
2. Press the **OK** button, the screen shows the flashing “**UPLd**”;
3. Press the **OK** button again and hold it down for at least 5 seconds (this procedure will stop if the button is released before this time);
4. Release the **OK** button as soon as the “**UPLd**” stops flashing;
All control unit settings (TYPE, parameter, radio controls, engine strokes) contained on the external storage device are uploaded on the connected control unit;
5. P012 will appear on the screen when the operation is completed.



WARNING If external storage devices are not connected or if the connection cable is disconnected during the transfer of data, **ERR** appears on the screen and the control unit is **COMPLETELY RESET** (including the radio control memory) and flashing “**TYPE**” appears on the screen.

WARNING If the control unit is reset, follow the procedure indicated on page 19 to restore the desired TYPE.

Refer to the manual of the control unit used to customise any parameters.

EN

4 MEMOSOFT SOFTWARE INSTALLATION

WARNING This product can be used only by qualified personnel (professional installer according to EN12635) observing high technical standards and regulations currently in force. When modifying system parameters follow the instructions as described in the corresponding installation manual. Some parameters can affect usage safety: ensure that the value set respects safety regulations in force.

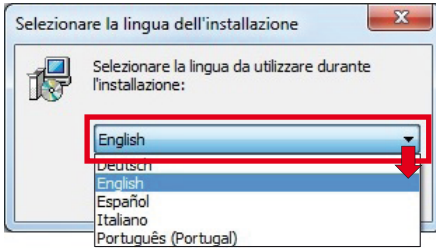
The **MemoNet board manages one memory at a time**; however, if the memory of one or more control units needs to be stored, **DEA System** makes MemoSoft available. This software interfaces with MemoNet; it can be installed on a computer and easily enables the storage and management of system ID files.

MemoSoft can be downloaded from **www.deasystem.com** and is compatible with all Windows operating systems.

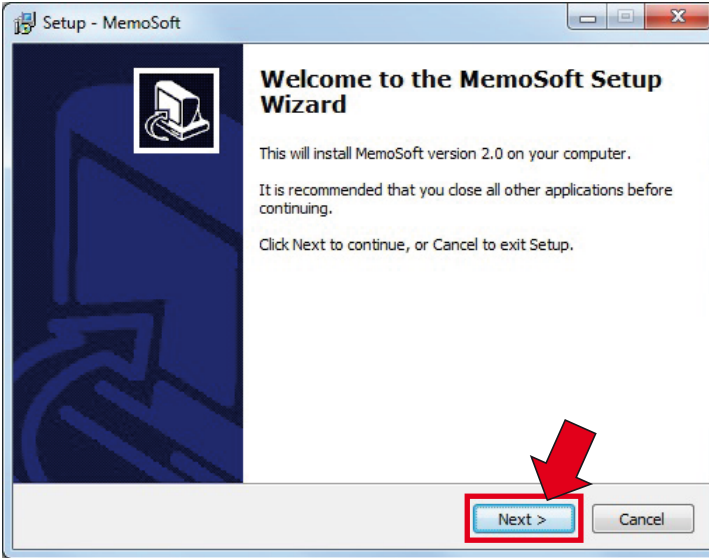
System Requirements for computers

Free space on hard disk	At least 2GB
Minimum memory size (RAM)	1 GB or better (recommended)
CPU	Intel® Pentium 1.8 GHz processor or better (recommended)
Screen resolution	1024 x 768 (600), 32 bit or better
OS	Windows XP sp3 or better
Hardware required	1 free USB port

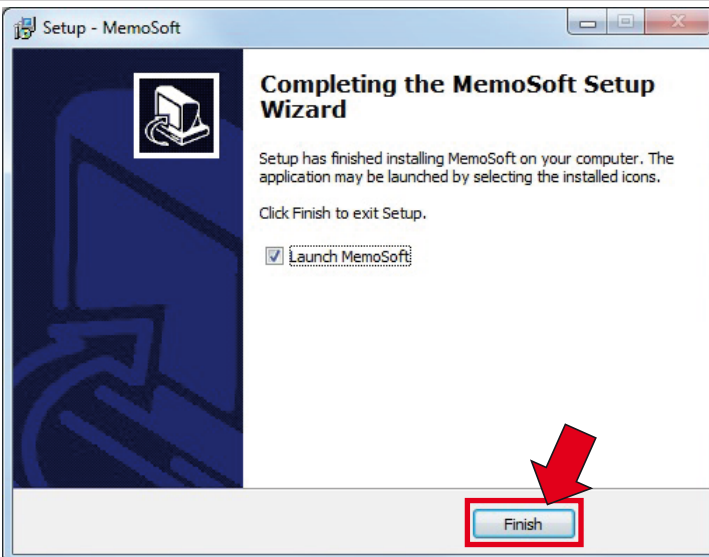
Follow the steps described below to start installation:



1 - Launch the "Setup.exe" installation file and press **OK** after having selected the desired language from those available.



2 - Continue through the various windows proposed by clicking on **NEXT** until the end of the installation.



3 - When the installation is completed, click on **FINISH** to conclude the operation and boot the MemoSoft software.

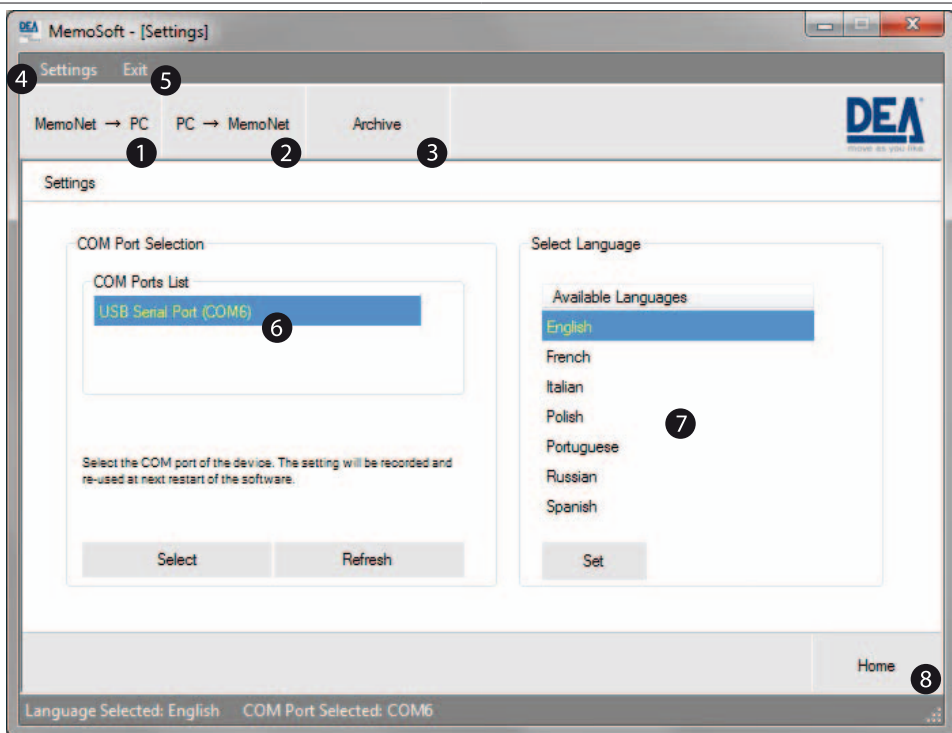
5 USING THE MEMOSOFT SOFTWARE

Below are some preliminary operations for the correct configuration of the MemoSoft software for the first and subsequent booting.

Select the software language from among those available and connect the MemoNet interface to the Computer using the supplied MICRO USB cable.

Wait a few seconds for the computer to automatically recognize and assign a COM port to MemoNet (**USB Serial Port COM..**). Select the identified COM port and confirm by clicking on the **SELECT** button.

At this point, the MemoNet device is correctly configured and ready to be used.



1 - * Reading of the memory

Transfer the memory from the MemoNet device (connected) to the computer by generating a MemoNet ID.

2 - * Writing of the memory

Transfer a MemoNet ID (present in the archive) from the computer to the connected MemoNet device.

3 - MemoNet ID archive

Enables to manage the saved MemoNet Ids or those imported from other computers.

4 - Settings

Enables to select the communication (COM) port and the MemoSoft language.

5 - Exiting the MemoSoft software

6 - Detected COM port

7 - Available languages

8 - View the software version

* **Note:** The Reading and Writing boards will only be activated when the COM port associated to a MemoNet is selected.

5.1 READING USING MEMONET (MemoNet → PC)

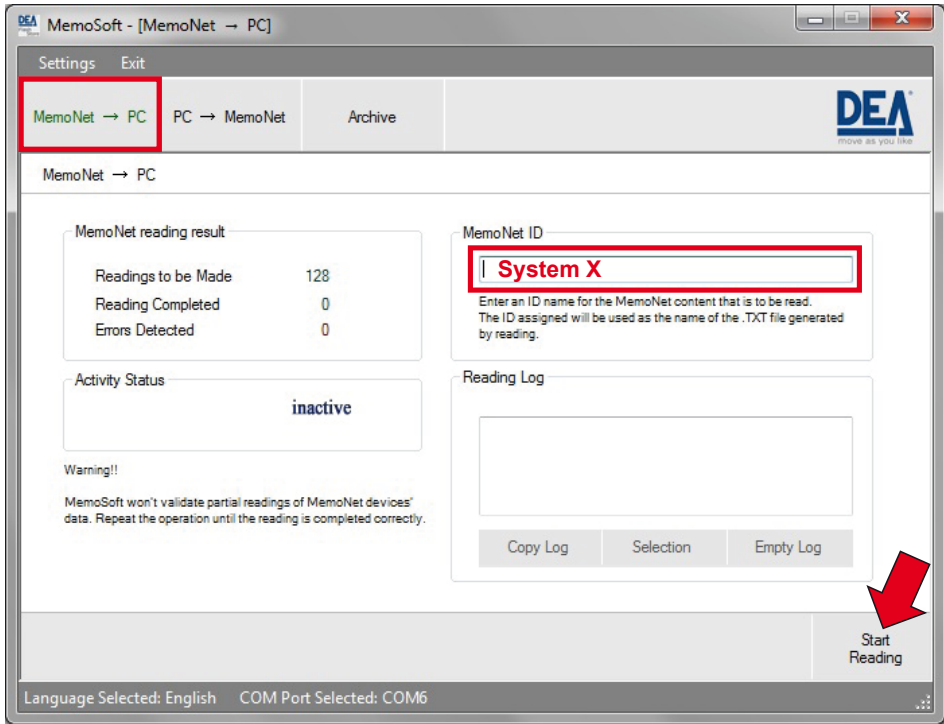
Proceed as follows to save the memory contained in the connected MemoNet device to a computer:

1. Assign a **MemoNet ID** to the memory to be saved (e.g. System X);
2. Click on the **“START READING”** button to boot the reading of the connected MemoNet.

If the reading was successful, a text (.TXT) file will be generated that can be seen from the Archive screen.

Otherwise, if the reading presents errors or is stopped, the data will not be saved and the operation will need to be repeated.

WARNING: DO NOT DISCONNECT MEMONET DURING THE OPERATION.



5.2 READING USING MEMONET (PC → MemoNet)

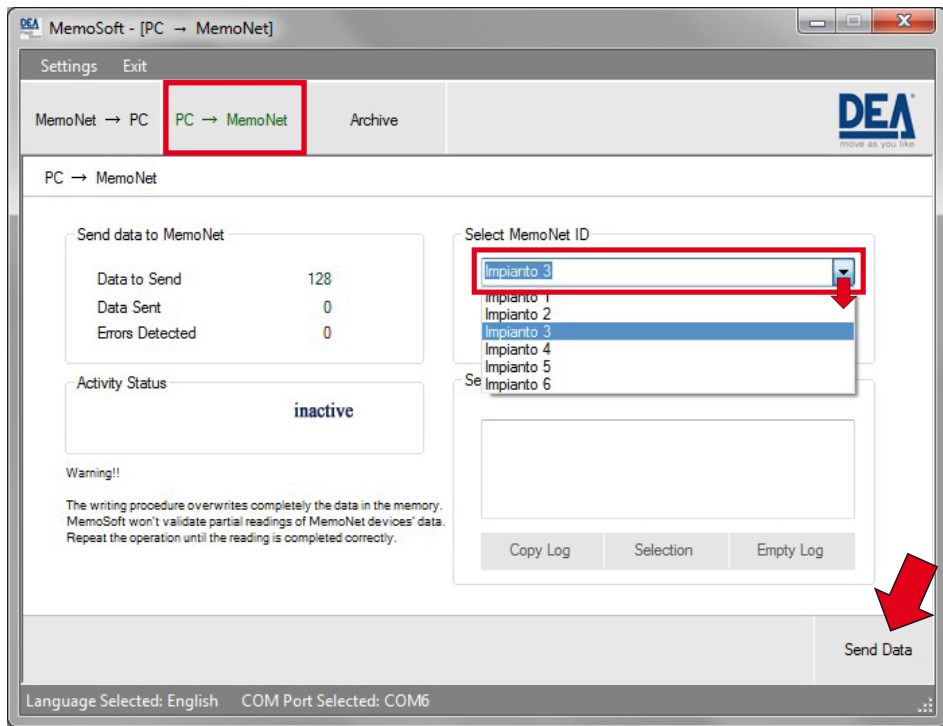
Proceed as follows to write an ID file found in the archive on a MemoNet:

1. Select the **MemoNet ID** to be written among those found in the Archive;
2. Click on the “**SEND DATA**” button to boot the writing on MemoNet.

If the writing was successful, the selected ID will be uploaded into the connected MemoNet.

Otherwise, if the writing presents errors or is stopped, the data will not be saved and the operation will need to be repeated.

WARNING: DO NOT DISCONNECT MEMONET DURING THE OPERATION.



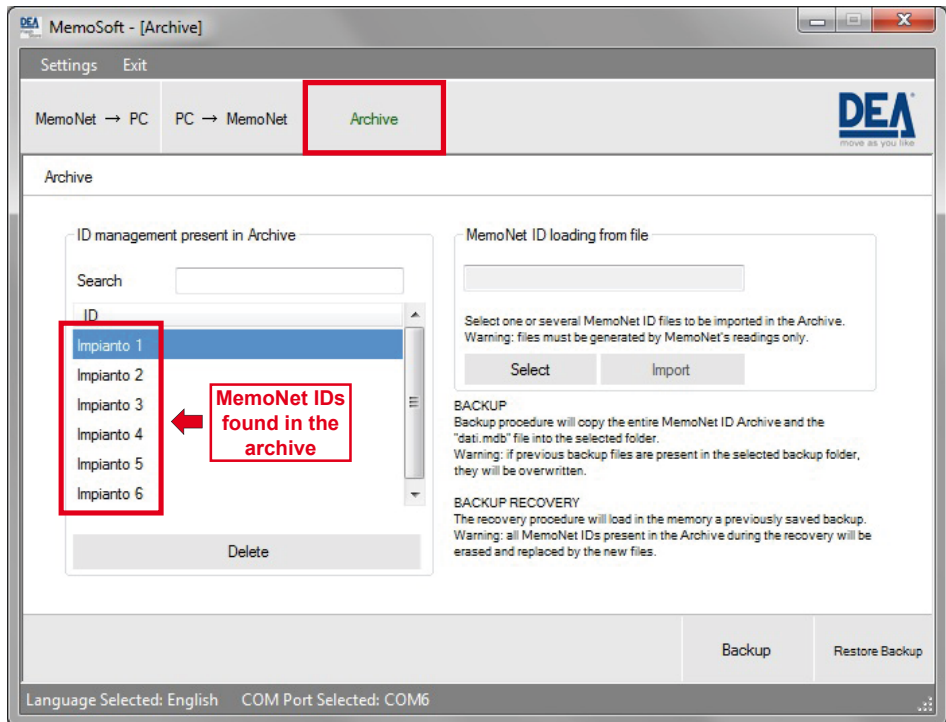
5.3 IMPORTING AND STORING

In the **ARCHIVE** board it is possible to manage all saved MemoNet IDs or import them from elsewhere using the “**SELECT**” and **IMPORT**” button.

A copy of all MemoNet IDs found in the archive are generated when clicking on the “**BACKUP**” button.

It is possible to reload all MemoNet IDs saved from a previous backup using the “**RESTORE BACKUP**” button.

WARNING: ALL DATA AND MEMONET IDS FOUND IN THE ARCHIVE DURING THE RECOVERY WILL BE OVERWRITTEN.



6 TYPE RECOVERY (AFTER A RESET)

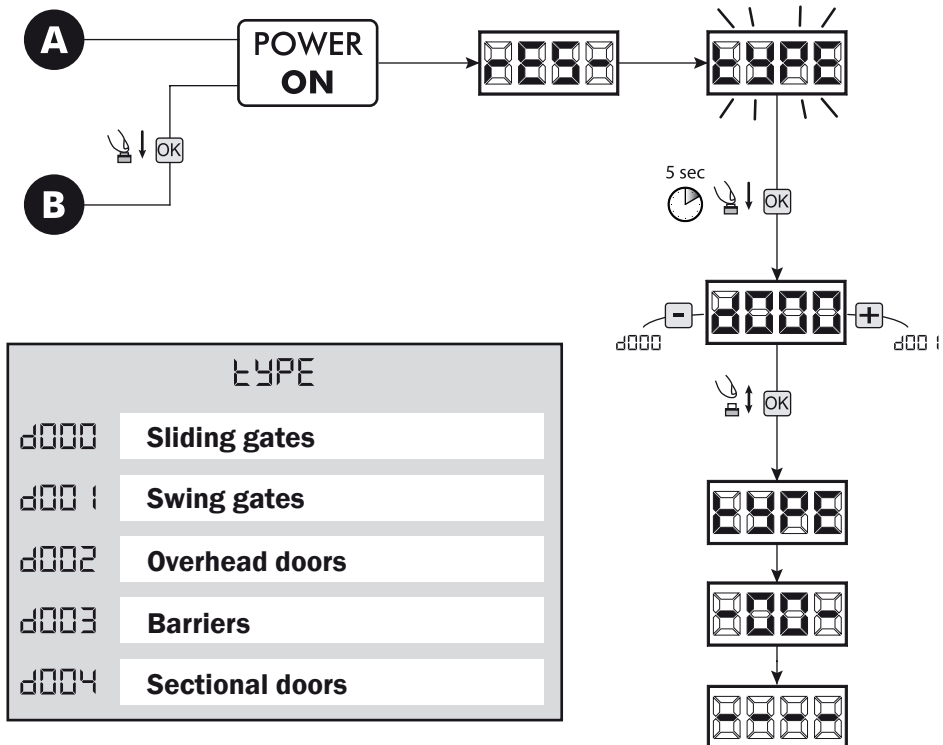
A Proceed as follow to recover the control unit after an accidental reset:

1. Switch on, the flashing “rE5-” and “TYPE” words appear on the screen in sequence;
2. Click on the **OK** button and hold it down for at least 5 seconds until d000 appears on the screen;
3. Using the **+** and **-** buttons, select the desired configuration based on the type of installation (e.g. d002) and confirm by clicking on the **OK** button;
At this point, the selection will be saved in the memory and will be reloaded whenever the computer is switched on.
4. The wording “TYPE”, “-00-” followed by the closed gate symbol “- - -” will follow.

Changing existing configuration

B If, for whatever reason, an erred configuration is saved in the command unit, hold down the **OK** button before switching on and repeat the restore procedure.

⚠ If the reconfiguration procedure is stopped prior to confirmation, the unit will load the previous unchanged configuration.



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