

Dealer4 Firmware Update Instruction 1v2.

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Version Information: Version 1.2 - issued 01.04.2012 – updated installation instructions to software version 4.40

1 General Information

The Dealer4 firmware is software which is located inside the machine and it is responsible for machine control and card recognition. The firmware is frequently changed – new functions are added, bugs are discovered and corrected and existing functionality improved. Card recognition procedures are especially improved to allow the use of most of the available cards in the world.

It is very important to keep firmware up to date to ensure reliable Dealer4 operation.

New updates are published on the manufacturer website <u>www.dealer4.com</u> and are also available on the distributor's websites.



Screenshots in these instructions were taken on Windows XP. For Windows Vista and 7 they may have different visual appearances but whole update process will be similar.



These instructions are written for PC software version 4.40. Earlier versions do not allow automatic updates and the screenshots may look different. However manual update procedures will be the same.

Current version of the firmware can be obtained from "Maintenance" screen of the Dealer4 PC software:

🗶 Dealer Maintenance			
Serial number: 4500 Boards dealt: 5748 Manufacture date: 23/12/2010 Hardware ID: 31 Firmware version: 02.76 Download ID: 38 USB ID: 0500 Flash ID: 191 USB Drivers: 3.3.0.0 DLL version: 3.1.0.0		Card Index Small Standard Jumbo Draw start point Draw frames Card Index Frame Position X 208 75 Y 100 57	t
Motors on Motor 4 Motor 3 Motor 2 Motor 1 Speed: 0 0 0 0 0 Gate 1 Photo5 Photo4 Photo3 Photo2 Photo1 Gate 2 0 0 0 0 0 0 0	X 93 Y 77 216 Show Error: Card: suit: S	Symbol Symbol X Min Max Threshold Y 24 60 Bold [20 Y 35 80 Fine [80 Suit size Suit X 20 Y 20 60 Bold [20 Y 20 64 Fine [80	
Feed Card	Capture Recognize	Image: Disable Flip Plate Switch Parameters ID: 26 Image: Disable Board Switch Recognize option: 0	
Camera LEDs DFF Front Switch Board No Camera Power ON Board Switch 0 Front Green LED ON Cover Switch Front Red LED Flip Plate Switch (Switch on Camera LEDs for test) Temperature: 21.8	National Card Type:	Use Board Number Reader as Board Switch Get parameters Save parameters Test 1: Test 4: Test 7: Test 2: Test 5: 255 Test 8: Test 3: Test 6: Test 9:	

2 Automatic update.

2.1 Update from the website.

Latest version of the Firmware is located on www.dealer4.com/firmware.htm

This page can be also accessed from main page <u>www.dealer4.com</u> by navigating to Support – Dealer4 Firmware.

To automatically update firmware please follow the steps outlined below:

- 1. Connect Dealer4 machine to the PC and to the power supply.
- 2. On <u>www.dealer4.com/firmware.htm</u> double click on Dealer4 Firmware
- 3. The file download confirmation screen will appear. There are two options to continue automatic update click "Open". To save firmware file for later manual update click "Save".



4. If automatic update option is selected, the Dealer PC software will be opened, Maintenance function selected and the new firmware will be downloaded into the machine. The progress of the download can be observed on the "Maintenance" screen:

👷 Dealer Maintenance	
Serial number: 4500 Boards dealt: 5748 Manufacture date: 23/12/2010 Hardware ID: 31 Firmware version: 02.76 Download ID: 38 USB ID: 0500 Flash ID: 191 USB Drivers: 3.3.0.0 DLL version: 3.1.0.0 Download New Firmware Create Service File X Brightness: Frames: 281 Comm: 0 Progr X Brightness: Motors on Motor 4 Motor 3 Motor 2 Motor 1 Show Error: Card: Thresholds: Suit: Thresholds: Suit: <td>Card Index Frame Draw start point Position Draw start point Y Draw frames Y Symbol size Symbol X Z4 Y 100 Y 57 Sitt size Suit Suit size Suit Y 20 Y 20</td>	Card Index Frame Draw start point Position Draw start point Y Draw frames Y Symbol size Symbol X Z4 Y 100 Y 57 Sitt size Suit Suit size Suit Y 20 Y 20
Front Green LED OFF Front Switch Board No Card Type: Camera Power ON Board Switch 0 C AKDJ C Standard Front Green LED ON Cover Switch 0 C AKDJ C Standard Front Red LED Flip Plate Switch (Switch on Camera LEDs for test) Flip Plate Switch C AHVB C Bold Temperature: 28.4 Supply voltage: 19.2 Fine	✓ Disable Board Switch Recognize option: ✓ Use Board Number Reader as Board Switch Get parameters Save parameters Test 1: Test 4: Test 7: Test 2: Test 5: 255 Test 3: Test 6: Test 9:

5. After a successful update the following confirmation screen will appear.



2.2 Automatic update from an already downloaded file.

If the firmware file (.adc) is already downloaded on the PC – the automatic update can be performed in a similar way. In Windows Explorer navigate to the firmware file and double click on it. This will begin the update procedure and it will be the same as described in chapter 2.1 point 4.

3 Manual update.

A Firmware update can be also performed manually from the Maintenance screen. Manual updates are the only option for PC software versions 4.34 or earlier.

- 1. Download and save the firmware file as in Chapter 2.1 point 3.
- 2. Connect machine to the PC and to the power supply, then open the Dealer4 PC software.
- 3. From the Main Menu go to "Maintenance"
- 🗶 Dealer Maintenance Serial number: 4500 Boards dealt: 5748 Card Index Small Manufacture date: 23/12/2010 Hardware ID: 31 Standard Frame Firmware version: 02.76 Download ID: 38 C Jumbo Start point Position USB ID: 0500 Flash ID: 191 X 208 75 Draw start point USB Drivers: 3.3.0.0 DLL version: 3.1.0.0 Y 57 100 Draw frames **Download New Firmware** Create Service File Symbol size Symbol Max Threshold Min X × 24 60 Bold 20 Y Y 35 X 93 80 Fine 80 Brightness: 77 216 **Click here** Suit size Suit F Motors on Motor 4 Motor 3 Motor z MOTOL 1 Show Threshold Min Max Speed: 0 0 0 0 XI X 20 60 Bold 20 Error: Card: ☐ Gate 1 Photo5 Photo4 Photo3 Photo2 Photo1 Y Y 20 64 Fine 80 Thresholds: Suit: ┌─ Gate 2 0 0 Gate 3 Disable Flip Plate Switch Parameters ID: 26 Feed Card Capture Recognize ✓ Disable Board Switch Recognize option: 0 Camera LEDs Front Switch Card Type: Use Board Number Reader as Board Switch National: Board No · AKQJ Standard Camera Power **NN Board Switch** 0 Get parameters ARDV C Framed Save narameters C Cover Switch 1RDV Front Green LED ON C AKDB Card Font: Test 1: Test 4: Test 7: Flip Plate Switch Front Red LED AHVB Bold C (Switch on Camera LEDs for test) Test 2: Test 5: 255 Test 8: Normal C EKDB C Fine Test 6: Temperature: 21.8 Supply voltage: 19.2 Test 3: Test 9:
- 4. On the "Maintenance" screen click on "Download New Firmware"

5. Standard dialog box for opening a file will appear. Navigate and select the desired firmware file then click "Open"

Open				
Look jn:	🗀 Dealer4_up	date 💽 🔶 🚰		
My Recent Documents Desktop	🗶 Dealer4_firm	ware_2v76.adc		
		Select firmwa	e file	
My Documents				I
My Computer				
	File <u>n</u> ame:	Dealer4_firmware_2v76.adc		
My Network Places	Files of type:	Dealer4 firmware file (*.adc)		Click open
113063		Copen as read-only	1	

6. Rest of the update process will be the same as in chapter 2 .1 point 4.

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