ECR 8100
INSTALLATION GUIDE

OLIVETTI ECR PROGRAMMING UTILITY
for WINDOWS 2000/XP/VISTA/SEVEN

WELCOME TO THE INSTALLATION GUIDE

The purpose of this document is to provide you with a simple procedure for installing the **OLIVETTI ECR Programming Utility** on the Windows operating system. *Cash registers supported are the model ECR 8100.*

INSTALLING THE OLIVETTI ECR PROGRAMMING UTILITY

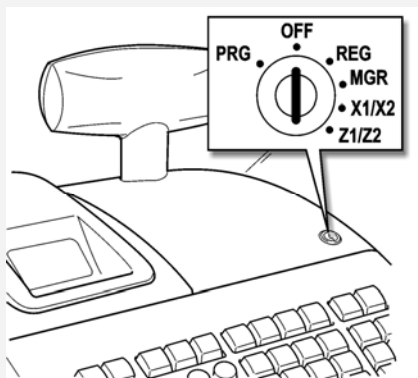To install **the OLIVETTI ECR Programming Utility** on Windows, follow the instructions below:

1. Download the zip-format file with the name "**Ecr_8100_software_V.1.00.zip**" from the Customer Care Cash Register area on the Olivetti site (http://www.olivetti.com).

2. Extract the contents of the zip file into a folder and run the file **setup.exe** (double-click on the file named setup.exe).

3. Follow the instructions provided on the screen. You are advised to perform the installation in the folder proposed by the installation program, otherwise you can choose another destination folder if preferred.

4. Follow the instructions provided on the screen to complete the installation. At the end, a message appears on the screen indicating that the setup has been carried out successfully "**Installation of ECR Programming Utility complete**".

5. Connect the cash register to a 220V-supply electrical outlet and make sure that the key is in the OFF position.

6. Connect the computer to the cash register using a standard USB cable.

7. Wait until the computer detects the presence of a new USB peripheral device - displaying the message "**Found New Hardware Wizard**" - and then searches for the drivers necessary.

- *If you are running Windows XP or Windows XP SP 1, temporarily disconnect your PC from the Internet. This can be done either by removing the network cable from your PC or by disabling your network card from "Control Panel - Network and Dial-Up Connections: right-click on the appropriate connection and then select "**Disable**" from the menu. The connection can be re-enabled when installation is complete. This is not necessary on Windows XP SP 2 if it is configured to ask before connecting to Windows Update. The settings for Windows Update on Windows XP SP 2 can be changed from "**Control Panel – System**": select the "**Hardware**" tab and click "**Windows Update**".*

- *If no Internet connection is available or Windows XP SP 2 is configured to ask before connecting to Windows Update, the screen below is shown. Select "**No, not at this time**" from the options available and click "**Next**" to proceed with the installation. If there is an Internet connection available, Windows XP silently connects to the Windows Update web site and installs any suitable driver it finds for the device, giving it preference to the driver selected manually.*

- *Warning messages may be displayed during installation on Windows Vista or Seven. Select "Continue" or "Confirm" to proceed with the installation.*

- *On Windows 98/ME, when you connect the device to a spare USB port on your PC, the "Windows Add New Hardware Wizard" is launched automatically. At this point Windows may display a message to the effect "**Building driver database**" and take a few minutes to complete. Click "**Next**" to proceed with the installation.*

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8. Select "**Install from a list or specific location (Advanced)**" as shown below and click "**Next**".

9. Select "**Search for the best driver in these locations**" and enter the file path in the text box (the default location on your PC is C:\OLIVETTI_ECR_Programming_utility\driver) or browse to it by clicking the "**Browse**" button and select the folder. Once the file path is entered in the box, click "**Next**" to proceed.

10. Select the appropriate driver for your operating system:

    - **Win2kcom.inf** for Windows 2000/XP
      (the default location on your PC is C:\OLIVETTI_ECR_Utility\Driver_8100\w2k_Xp)

    - **Winvista_com.inf** for Windows Vista
      (the default location on your PC is C:\OLIVETTI_ECR_Utility\Driver_8100\Vista)
      If installing a driver which is not a Microsoft WHQL-certified driver and Windows is configured to warn in these situations, the following screen is displayed.
      *Click on "**Continue anyway**" to continue with the installation.*
      If Windows is configured to ignore file signature warnings, no message appears.

    - **Winvista_com.inf** for Windows Seven
      (the default location on your PC is C:\OLIVETTI_ECR_Utility\Driver_8100\Vista)
      If installing a driver which is not a Microsoft WHQL-certified driver and Windows is configured to warn in these situations, the following screen is displayed.
      *Click on "**Install this driver software anyway**" to continue with the installation.*
      If Windows is configured to ignore file signature warnings, no message appears.

11. The following screen is displayed as Windows copies the driver files required.

12. Windows then displays a message indicating that installation has been successful. Click "**Finish**" to complete the installation.

13. You can now use the "**Olivetti ECR Programming Utility"** on your computer.

- **Getting Help**: You can get help on any dialog by pressing the **F1 key** on your keyboard.

- To be able to use the Olivetti ECR Programming Utility the cash register must be connected to a **220V electrical outlet.**

- *The key must be in the OFF position.*

- The **upload** and **download** times can vary depending on the operating system you are using and the computer configuration.
  For complex settings the time required could exceed one minute.

REMOVING THE OLIVETTI ECR PROGRAMMING UTILITY

When removing software programs from Windows, you must always use the Add/Remove Programs utility so that files and registry entries are removed and the system is left in a clean state.

- On Windows 98/ME/2000, select **Start** > **Settings > Control Panel > Add/Remove Programs** (depending on your operating system) and select the **OLIVETTI ECR Programming Utility** to remove the related software.

- On Windows XP/Vista/7, select **Start > Control Panel > Programs.**
  Select the **OLIVETTI ECR Programming Utility.**
  Click the **Add/Remove** button to remove the related software.

BARCODE SCANNER INTERFACE

Pin assignments for D-sub 9 pin (Barcode scanner side):

Pin No.	Function
2	TXD
3	RXD
5	GND
7	CTS
8	RTS
9	+5V

RS232C communication parameters

A barcode scanner with either of the following configurations can be used:

	Baud rate	Data length	Parity	Stop bit
PS700 Default Settings	9600	8 bits	Non	1
Metrologic MS5100 Eclipse Default Settings	9600	7 bits	Space	2

Data format

Bar code number (ASCII code)	CR (0D<hex>)	LF (0A<hex>)

Note: The cash register is able to receive scanned data from a barcode scanner in the data format above.
This format is the default setting for the PS700 and Metrologic MS5100 Eclipse.
If you use another type of barcode scanner, please change the transferred data to above format using your barcode scanner. For programming instructions, refer to the manual of your barcode scanner.

GRAPHIC LOGO CHARACTERISTICS

Some restrictions apply as to the type of Logo:

- *Logo size: **Width 288 x Height 216 (pixels).***

- *If the ratio of black dots printed with respect to white is high, the ECR is not able to print the graphic image properly due to power consumption limitations.*