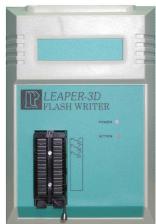


## Standard Accessories

LEAPER-3D FLASH WRITER main unit x1, USB cable x1, DC 12V/500mA adaptor x1, PC Software, drivers and manual on CD-ROM x1



Main unit



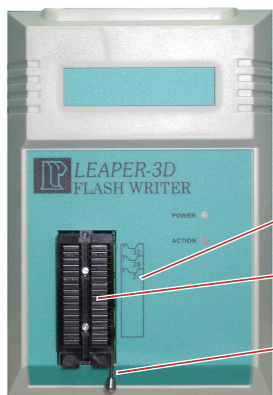
Adaptor



USB cable

## Introduction

Unit top view

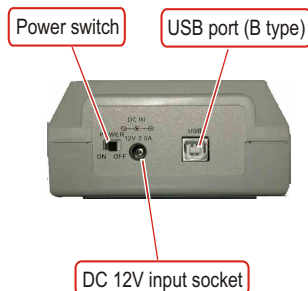


IC package diagram

Textool

Textool handle

Unit back view



Power switch

USB port (B type)

DC 12V input socket

## Caution

1. It is preferred to use an internal USB port of your PC. External USB ports are not recommended because of shared bandwidth and possible compatibility issues of other USB devices.

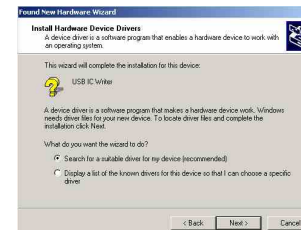
## Install software and driver

1. Set Font Size to [small fonts] (96 dpi) to have the optimal display.
  - 1.1 Click the right button on the desktop. -> Select the [Properties] at the bottom of the function menu.
  - 1.2 Select [Settings] and then click the [Advanced] to set Font Size.
2. Install the software before connecting the Leaper-3D to the PC.
  - 2.1 Insert the software CD into your CD-ROM drive. Normally the installation program will start automatically (if Auto Run is enabled for your CD-drive). Follow the instructions to complete installation.
  - 2.2 If Auto Run doesn't work, click [Setup.exe] in the CD directory to start the installation.
3. Install the driver for the Leaper-3D hardware.
  - 3.1 Make sure the Leaper-3D power is [OFF]. Connect the power adaptor to the Leaper-3D and a power outlet.
  - 3.2 Connect the USB cable to PC and to the programmer USB port.
  - 3.3 Turn the Leaper-3D power to [ON]. Windows will now start the [Found New Hardware Wizard].
  - 3.4 Install Hardware Device Driver
    - > Search for a suitable driver for my device (recommended)
  - 3.5 Select Optional search locations
    - > CD-ROM drives
  - 3.6 Driver Files Search Result
    - > Windows will find a driver for this device ...\\driver\\flashwriter.inf
  - 3.7 Click [Finish] in the Found New Hardware Wizard

The Leaper-3D software and drivers have now been installed and the unit is ready for usage.



[3.3]



[3.4]



[3.5]



[3.6]



[3.7]

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Operation window

Source file editing

**Programming source**

- Load from PC
- Verify source IC
- Save file
- Read from source IC
- Edit file

The main window is divided into two main sections: **Source** and **Process**.

**Source Section:** Includes a file path field (File: F:\R.D\Q & A\WICE-8052\out.hex), buttons for Load, Read, Edit, and Save, and fields for Device (ST 29F040B) and DeviceSum (07F6E55F).

**Process Section:** Includes checkboxes for Erase, Check, Prog, Verify, and Prot, a large green **PASS** indicator, and a progress bar showing 0%, 50%, and 100% completion.

**Program process & options**

- Erase
- Blank check
- Program
- Verify
- Protect / security

Exit program

IC manufacturer, type number

Device verify CheckSum

Programming status

Run

Stop

Progress bar

8bits HEX display

16bits HEX display

Buffer & file information

Address of data  
Click and enter new address.

HEX code Display  
Click to enter hexadecimal data.

ASCII code Display  
Click to enter text.

Exit edit window

The editing window has tabs for 8 Bits, 16 Bits, and Buffer Information. It features a large grid for data entry and buttons for Sum, Block, and Fill operations.

Confirm changes

Cancel changes

Set data block range by load file size

Set data block range by selected IC size

Set data block range by maximum size of buffer

**Select IC number**

**8/16/32 Bits**

**Load file**

**Save file**

**Get data block checksum**

**Data block - Move/Copy/Swap**

**Data block - Fill**

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