

# ALS Simulator Installation Guide

During installation:  
Make sure you accept the default settings and/or unblock, unless other instructions are given in the Installation Guide and other instruction material.

## I GET TO KNOW THE SUPPORT MATERIALS

- ALS Simulator Installation Guide - this document
- ALS Simulator DFU - included with your ALS Simulator
- VitalSim DFU - included with your VitalSim
- ALS Advanced Simulator Software help files on Software CD

## II CHECK THAT ALL ITEMS ARE PRESENT



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## CHECK EQUIPMENT

(Images below are examples only. Actual components may vary.)

### ALS Simulator Advanced system elements



- Computer with accessories:
- Powersupply with cable
  - USB mouse



USB Hub Box with Powersupply and USB cable

USB Camera Box



- Monitor with accessories:
- Video cable
  - Powersupply with cable
  - USB cable



ALS Simulator Advanced accessories  
Audio cable, 3-way

- Cables NOT to be used
- Digital Video Cable (white connectors)
  - Audio Cable (2-way)

### ALS Simulator system - elements required for setup

ALS simulator with accessories:

- Control Unit
- Remote Control
- Power supply
- USB cable
- Manikin cable, 10 ft
- Black cable between for use between Control Unit and Remote Control (not illustrated)



# ALS Simulator Advanced system - Installation Guide

**1 START YOUR COMPUTER**  
Connect the mouse and power supply to the computer, and turn on.  
Make sure that your computer has the ALS simulator logo on the screen.



**2 INSTALL THE USB HUB**  
A USB hub is provided with the system to overcome potential problems of having too few USB ports on the computer and to have the computer in the manikin area.

Unpack the USB Hub from its box  
Connect power to the USB Hub  
Connect the USB Hub to the PC  
To PC's USB port To power adapter



**3 CONNECT THE PATIENT MONITOR**  
Unpack the Patient Monitor and cables.  
Do NOT use the Software CD that comes with the monitor.

Route the cables through the Monitor Stand and connect the cables to the monitor connectors:

- Video cable.
- USB cable.
- Audio cable - BLUE mini jack with single wire.
- Power cable.

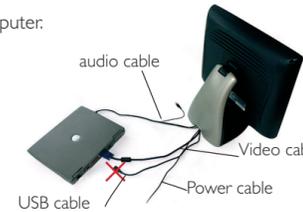
Secure the cables using the strain reliefs on the monitor:  
Connect the power cable between the power supply and a wall outlet, and turn the monitor on.



**4 CONNECTING THE MONITOR CABLES TO THE COMPUTER**  
Connect the Video cable to the Computer.

Connect the Audio cable to the Computer headphone output - BLACK mini jack with double wire.

Do NOT connect the USB cable yet.



**5 INSTALL THE MONITOR ON THE COMPUTER**  
Right click on the Desktop and select Properties.

Select the Settings tab.

Select Display 2.

Set Resolution to 1280 x 1024 pixels

Check Extend my Windows desktop onto this monitor.

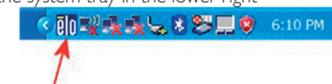
Click OK.

If prompted:  
Answer Yes to keep this setting.



**6 CONNECT THE MONITOR TO THE USB HUB**  
Connect the Patient Monitor to the USB hub.

**7 CALIBRATING THE TOUCH-SCREEN MONITOR**  
Double click on the elo logo in the system tray in the lower right corner of the screen.



(If you cannot find it in the system tray, activate Elo Touchscreen in the Control Panel).

Click on the Align button on the dialog that appears.



If target indicators first appear on the computer screen, press Esc, or wait until they appear on the Patient Monitor.



When the target appears on the Patient Monitor, touch each target as it changes position, and finally touch the green tic button.

**8 CONNECT THE USB-CAMERA**  
Unpack the USB-camera  
Connect the USB-camera to the USB-hub.



**9 CONNECT THE CONTROL UNIT**  
Connect the USB cable between the Control Unit and the USB hub  
Connect the Audio cable -WHITE mini jack with single wire to the Control Unit.  
Connect the Control Unit's power supply between a wall outlet and the Control Unit, and turn the Control Unit on.

**10 CONNECT THE MANIKIN TO THE CONTROL UNIT**  
Unpack the ALS simulator and cables.  
Connect the Simulator cable to the Control Unit.

**11 UPDATE SOFTWARE IN MANIKIN, CONTROL UNIT AND REMOTE CONTROL**  
Connection cannot be accessed if ALS software is running.  
Start program update from the Start menu on your Computer.  
Make sure that the control unit, the remote control and the manikin are connected, then click "update selected device(s)".  
This program will automatically update all software.  
Close program update when installation is finished.

If no connection is indicated, check your connections:

- Make sure Control Unit is on
- Make sure Remote Control is on and connected to control unit with cable

You are now ready to start using your ALS Simulator advanced system

## B. Setup of ALS Simulator System



## A. Setup of ALS Simulator Advanced System elements

