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## 1 Introduction

This instruction manual is for users of the TRUST 850F VIBRAFORCE FEEDBACK SIGHTFIGHTER. The TRUST 850F VIBRAFORCE FEEDBACK SIGHTFIGHTER can be used to play games. The built-in Vibration Feedback function gives the gamepad increased realism and better control over the games.

## 2 Safety

Carefully read the following instructions before use:

- The TRUST 850F VIBRAFORCE FEEDBACK SIGHTFIGHTER does not require any special maintenance. Use a slightly damp, soft cloth to clean the gamepad.
- Do not use aggressive substances, such as petrol or white spirit, to clean the device. These may harm the material.
- Do not submerge the device in liquid. This may be dangerous and will damage the device. Do not use this device near water.
- Make sure nothing is placed on the cable. Do not use this device in an area where the cable can become worn or damaged as a result of people walking over it.
- Do not repair this device yourself. If you open this device, you may touch live components.
- Under the following circumstances, have the device repaired by qualified personnel:
  - The cable or plug is damaged or worn.
  - The device has come into contact with rain, water or another liquid.

### 2.1 Vibration Feedback

**Note:** *Playing games using the Vibration Feedback function for long periods of time may eventually lead to physical injury. It is strongly recommended to take a break after playing for no longer than one hour or to temporarily turn off the Vibration Feedback function. The Vibration Feedback function can be turned off in the 'Game Controller' settings in the Windows Control Panel. See chapter 4.2 for more information concerning turning off the vibration.*

## 3 Installation

### 3.1 Uninstalling old drivers and devices

The most common cause of faults during installation is the presence of a driver for a similar, old device. The best solution is to first remove all drivers related to old devices before installing the new driver. Make sure you only delete programs for old, unused (similar) devices.

1. Enter the Windows 'Safe Mode'. (Press F8 when starting Windows before the Windows start screen is displayed and select 'Safe Mode'.)
2. Click on 'Start – Settings – Control Panel' and double-click on the 'Add/Remove Programs' icon.
3. Find all the programs for similar, old devices and remove these by clicking on the 'Add/Remove' button. When in the 'Safe Mode', it is possible for some programs to appear twice. In that case, remove all the programs which appear twice.
4. Restart the computer.

### 3.2 Installing the driver in Windows 98 / Windows ME / Windows 2000 / Windows XP

**Note:** *The latest driver can be downloaded from [www.trust.com/13017](http://www.trust.com/13017). Check whether a new driver is available and use this for the installation.*

**Note:** *Make sure all other programs (except Windows) are closed during the installation.*

**Note:** *During installation in Windows 2000 and Windows XP, you may receive a message saying that the driver has not been signed. This does not cause a problem for the functionality. Continue with the installation.*

1. Start Windows.
2. Insert the CD-ROM containing the drivers and applications into your CD-ROM drive.
3. The Trust Software Installer will start automatically (see figure 1). If it does not start automatically, click on 'Start – Run', type [D:\SETUP.EXE] and click on 'OK'.

**Note:** *In the example, 'D' is used to indicate the CD-ROM drive. Check which letter is used to indicate your CD-ROM drive.*

4. Click on 'TRUST 850F DRIVER 3.0' to start the installation of the driver (see figure 1).
5. The installation window will appear (see figure 2). Click on 'Next' and follow the on-screen instructions.
6. Restart your system after the driver has been installed.

### 3.3 Installing Microsoft DirectX 8.1

**Note:** *The latest version of DirectX can be downloaded from [www.microsoft.com/directx](http://www.microsoft.com/directx).*

**Note:** *DirectX 8.1 is included as standard in Windows XP. You, therefore, do not have to install this in Windows XP.*

Installing DirectX 8.1 will give you the best support for the Vibration Feedback functions in games. Follow the instructions given below to do this.

1. Follow points 1 to 3 in chapter 3.2 to start the Trust Software Installer (see figure 1).
2. Click on 'MICROSOFT DIRECTX 8.1' to start the installation.
3. Follow the on-screen instructions.
4. Restart your computer after the installation.



### 3.4 Connecting the Trust 850F gamepad

You can connect the 850F VibraForce Feedback SightFighter to your computer after installing the driver and DirectX 8.1. Follow the instructions given below.

1. Start Windows.
2. Connect the gamepad's USB cable to a free USB port on your computer.
3. Windows will detect new hardware and automatically install the correct driver. In Windows 2000 and Windows XP, select the option to automatically search for the best driver.

**Note:** *During installation in Windows 2000 and Windows XP, you may receive a message saying that the driver has not been signed. This does not cause a problem for the functionality. Continue with the installation.*

Your Trust 850F VibraForce Feedback SightFighter has now been installed. See the next chapter for instructions on how to test the gamepad.

## 4 Use

### 4.1 Gamepad functions

See the table below and figure 3 for a description of the various gamepad functions.

Function	Description
A	Direction pad for steering in 8 different directions (operates the x-axis and the y-axis in game controllers).
B	Throttle (operates the 3 <sup>rd</sup> axis in game controllers).
C	Rudder (operates the 4 <sup>th</sup> axis in game controllers).
D	Action button 1
E	Action button 2
F	Action button 3
G	Action button 6
H	Action button 5
I	Action button 4
J	Action button 8
K	Action button 7

Two motors are built into the gamepad for the Vibration Feedback function. The vibration can be adjusted via the 'Game Controller' settings in the Windows Control Panel. See chapter 4.2 for more information.

## 4.2 Testing

The 850F VibraForce Feedback SightFighter has an automatic calibration function. Therefore, you do not have to calibrate the gamepad. Follow the instructions given below to test the gamepad in Windows.

1. Click on 'Start - Settings – Control Panel' and double-click on the 'Gaming Options' icon. The option menu for the game controllers will appear (see figure 4). The Trust 850F VIBRAFORCE FEEDBACK SIGHTFIGHTER will be displayed here.
2. Make sure the ID no. for the Trust 850F VIBRAFORCE FEEDBACK SIGHTFIGHTER is '1'. If necessary, click on 'Change' to change the ID no. to '1' (if a number of game controllers are connected).
3. Return to the 'Controllers' tab, select the Trust 850F VIBRAFORCE FEEDBACK SIGHTFIGHTER and click on 'Properties' (see figure 4).
4. The 'Test Input' tab will appear (see figure 5). Here, you can test the x-axis and the y-axis (direction pad A, press in 8 directions), the throttle (B, operates the 3<sup>rd</sup> axis), the rudder (C, operates the 4<sup>th</sup> axis) and the 8 action buttons.
5. Click on the 'Vibration' tab (see figure 6). Here, you can set the strength and duration of the vibration and test both vibration motors, either separately or together.
6. Click on the 'Gain Settings' tab (see figure 7). Here, you can adjust the strength of the Vibration Feedback from 0% (off) to 100% for games which support this function.

Your Trust 850F VibraForce Feedback SightFighter is now ready for use. Also see the instruction manuals provided with your games for additional information concerning the programming of the gamepad's buttons and the Vibration Feedback.

## 5 Removal

Follow the instructions below if you wish to remove the gamepad.

1. Click on 'Start - Settings – Control Panel' and double-click on the 'Add/Remove Programs' icon.
2. Select the TRUST 850F VIBRAFORCE FEEDBACK SIGHTFIGHTER from the list and click on 'Add/Remove'.
3. Follow the on-screen instructions to remove the gamepad from your computer.
4. Remove the gamepad's USB plug from the USB port on your computer.
5. Restart your computer.

## 6 Troubleshooting

Method
1. Read the solutions given below. 2. Check for up-to-date FAQ's, drivers and instruction manuals on the Internet ( <a href="http://www.trust.com/13017">www.trust.com/13017</a> ).



Problem	Cause	Possible solution
<b>Windows does not detect a new device after connecting the gamepad.</b>	The cables have not been connected properly.	Check the connection.
	The computer's USB port does not work.	Delete the USB port from the 'Device Manager' and re-install it.
	The driver has not been installed correctly.	Disconnect the gamepad from the USB port and then install the driver. Next, reconnect the gamepad to the USB port.
<b>The gamepad does not react correctly in the game.</b>	DirectX 8.0 or a later version has not been installed.	Install the version of DirectX 8.1 provided with the gamepad or go to <a href="http://www.microsoft.com/directx">www.microsoft.com/directx</a> for the latest version.
<b>The game pad does not react.</b>	The gamepad's 'Controller ID' no. is not '1' in the 'Control Panel'. 1	Make sure the gamepad's 'Controller ID' no. is '1' (see chapter 4.2).
<b>The computer jams when using USB.</b>	The USB port has shared an IRQ with another device.	Remove cards from your computer or divide your computer differently.
<b>It is possible use the gamepad, but the Vibration Feedback function does not work.</b>	The vibration setting has been set to 0% (off).	Adjust the strength of the vibration (see chapter 4.2).
	The game does not support Vibration Feedback.	Play a different game.

If you still have problems after trying these solutions, please contact one of the Trust Customer Care Centers. You can find more information at the back of this instruction manual. Please have the following information available:

- The article number. This is 13017.
- A good description of what does not work.
- A good description of when the problem occurs.