

Trantec S5.3 Monitoring Software Manual



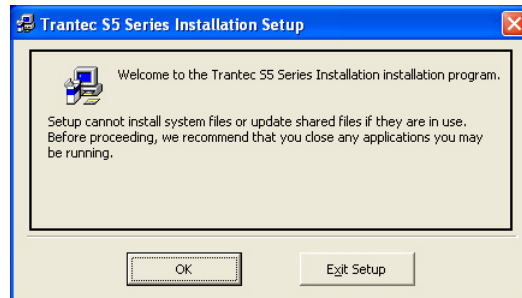
Initial Setup

Minimum PC Requirements 1.6 GHz CPU, 256 MB Memory, 1 available USB port, Windows XP
Recommended PC >2.0 GHz CPU, 512 MB (XP) 1 GB (Vista) memory, 2 available USB2 ports,
Windows XP or Vista.

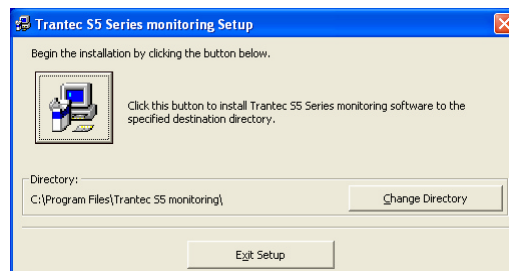
1. Installing the monitoring software

The installation files are located in the Trantec S5 Series Install folder on the Trantec CD. You should have three files: Setup.exe, SETUP.LST and S5.CAB.

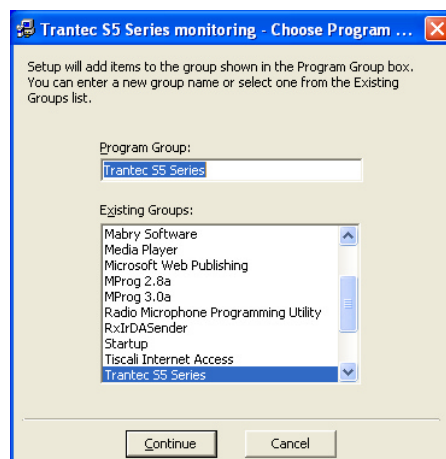
- i. Before installing the software it is best to close any running applications. Start the setup by double clicking on the Setup.exe file.
- ii. Click OK from the first dialog.



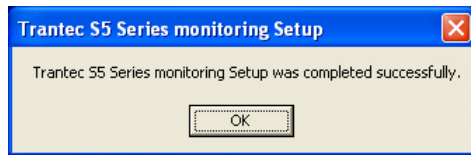
- iii. Do not change the default installation directory and click the large button in the top left hand side.



- iv. Use the default Program Group and click 'Continue'



- v. The installation should then unpack all the files and copy them to the hard drive. Click OK to complete the process



The application can be run by clicking 'Start', 'All Programs', 'Trantec S5 Monitoring', Trantec S5 Monitoring. You may wish to create a desktop shortcut to C:\Program Files\Trantec S5 Monitoring\S5.exe.

- vi. Before you can use your S5 series receivers you must connect the USB system and install the hardware driver.

2.1 Trantec USB driver installation for Windows XP

During installation, the USB driver files are copied to the 'Trantec USB Driver' folder within the 'Trantec S5 Monitoring' program folder. For the USB system to work, every Trantec receiver must appear to your PC as a unique device. For this reason it is necessary to load a driver for every receiver you wish to use.

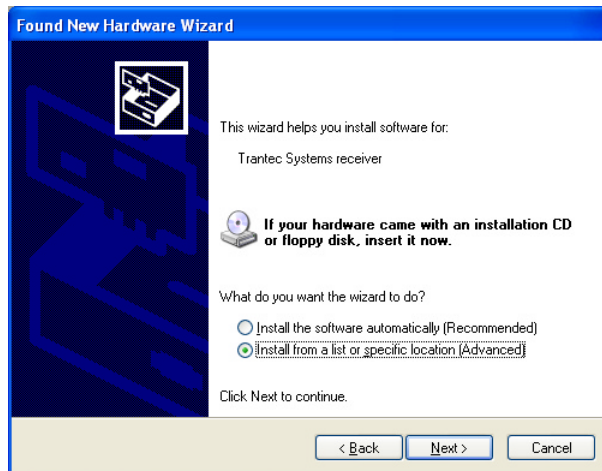
If you will be using more than one S5 Series receiver you should connect a USB 2.0 hub to a USB port on your PC. **(See 'Appendix A' for guidance on connecting a USB system)**

- i. Connect your first Trantec S5 receiver to the hub. The 'Found New Hardware Wizard' should start after a short delay. If the following dialog appears, select 'No, not at this time.'



Click 'Next'.

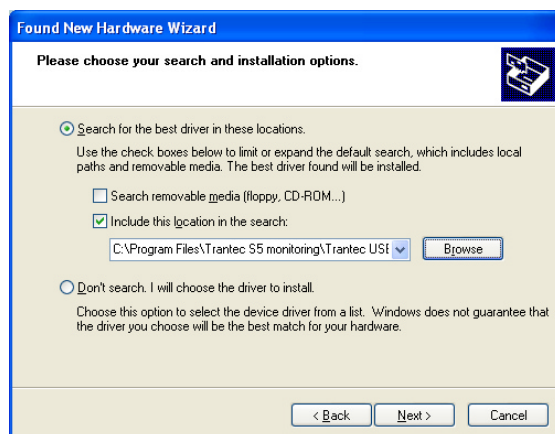
- ii. For the first receiver, select the option "Install from a list or specific location (Advanced)".



Click 'Next'.

Note: For any further S5 receivers you should select “**Install software automatically (Recommended)**” then click ‘Next’ and proceed as from ‘iv’ below.

- iii. From the following window, click the box "Include this location in the search" and then click on the 'Browse' button.



Browse to 'C:\Program Files\Trantec S5 Monitoring\Trantec USB driver' folder. Click 'OK'.

The correct driver location is now selected. Click "Next".

iv. Ignore the warning message.



Click on the 'Continue Anyway' button.

v. The Installation will now complete showing the following Window.



Click on the 'Finish' button to close the Found New Hardware Wizard.

Repeat for any other receivers.

2.2 Trantec USB driver installation for Windows Vista

During installation, the USB driver files are copied to the 'Trantec USB Driver' folder within the 'Trantec S5 Monitoring' program folder. For the USB system to work, every Trantec receiver must appear to your PC as a unique device. For this reason it is necessary to load a driver for every receiver you wish to use.

If you will be using more than one S5 Series receiver you should connect a USB 2.0 hub to a USB port on your PC. (**See 'Appendix A' for guidance on connecting a USB system**).

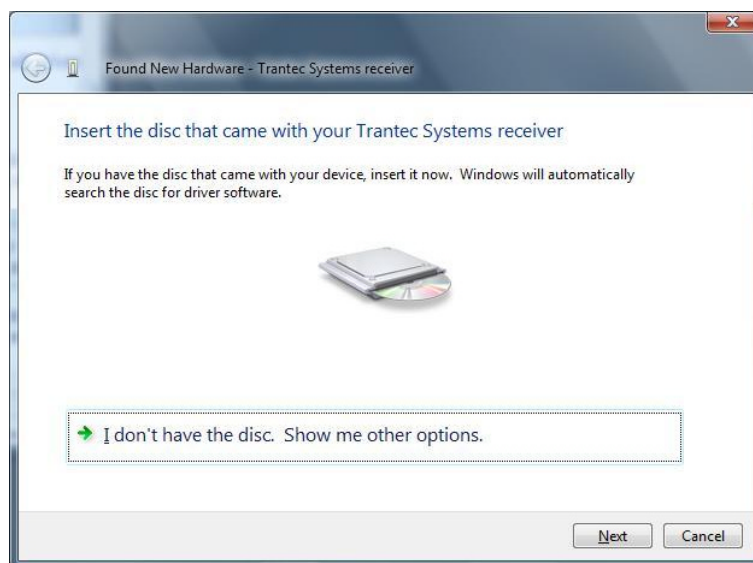
- i. Connect your first Trantec S5 receiver to the hub. The 'Found New Hardware Wizard' should start after a short delay. If the following dialog appears, select 'No, not at this time.'

For the first receiver, select the option "Locate and install driver software (recommended)".

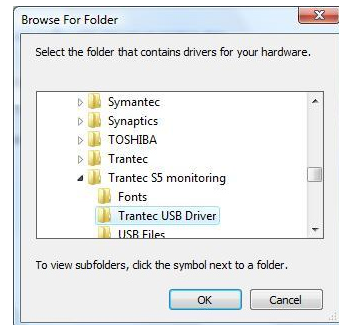
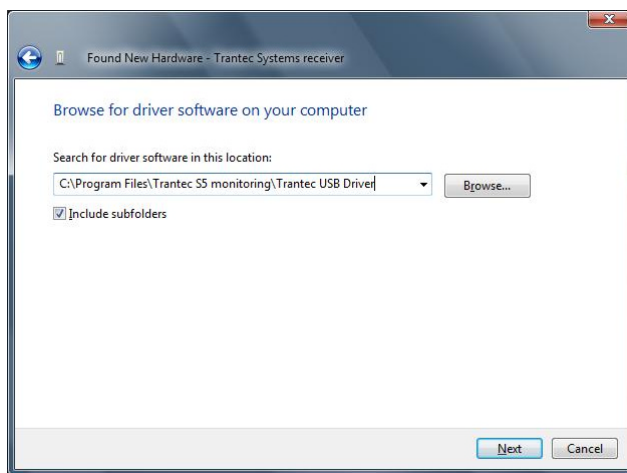
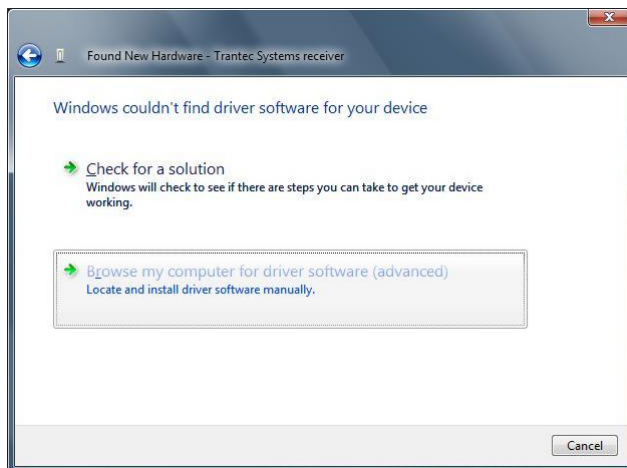


Click Continue when the 'User Account Control' Dialog asks for permission to continue.

- ii. From the following window, click the box "I don't have the disc. Show me other options."



iii. Click 'Browse my computer for driver software (advanced)'.



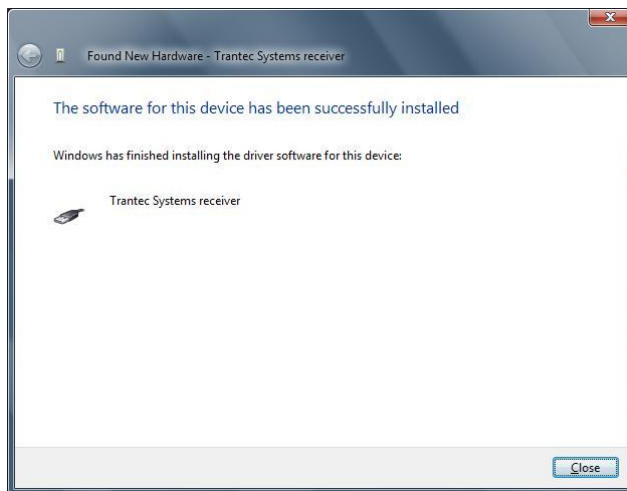
Click Browse then use the dialog box to find 'C:\Program Files\Trantec S5 Monitoring\Trantec USB Driver' folder. Click 'OK'.

The correct driver location is now selected. Click "Next".

iv. Ignore the warning message. Click on the 'Install this driver software anyway' button.



The Installation will now complete showing the following Window.



Click on the 'Close' button to close the Found New Hardware Wizard.

Whenever you connect Trantec S5 receivers from now on the driver should install automatically requiring no further input.

3. Basic operation

It is important that you read '**Appendix A - General notes on connecting your USB system**' this will help to avoid any issues you may find when starting to monitor your S5 series system.

When the application starts, the PC will check the USB sub system to discover any S5 series receivers. If no Trantec USB hardware is detected then a warning window is presented.

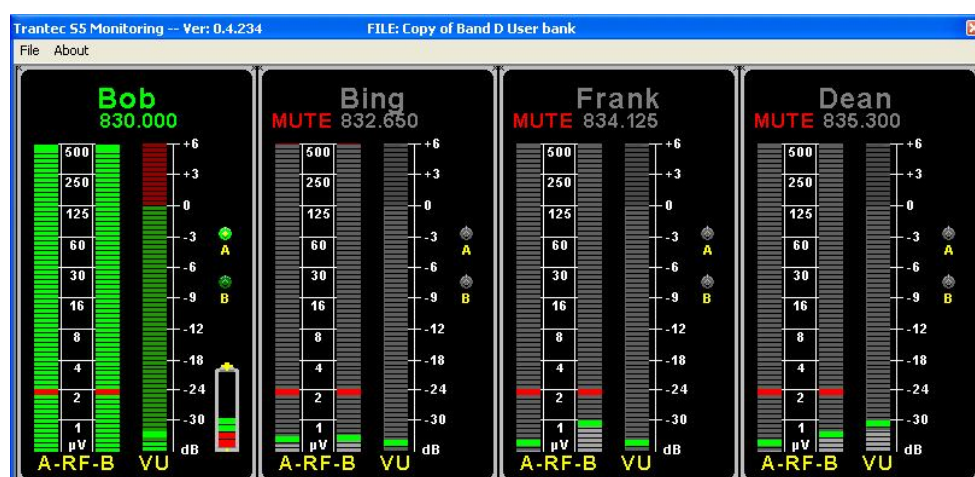


If USB hardware is detected, the PC first checks the USB connection type then reads and confirms receiver parameters from each device. This information is displayed in a window as below.

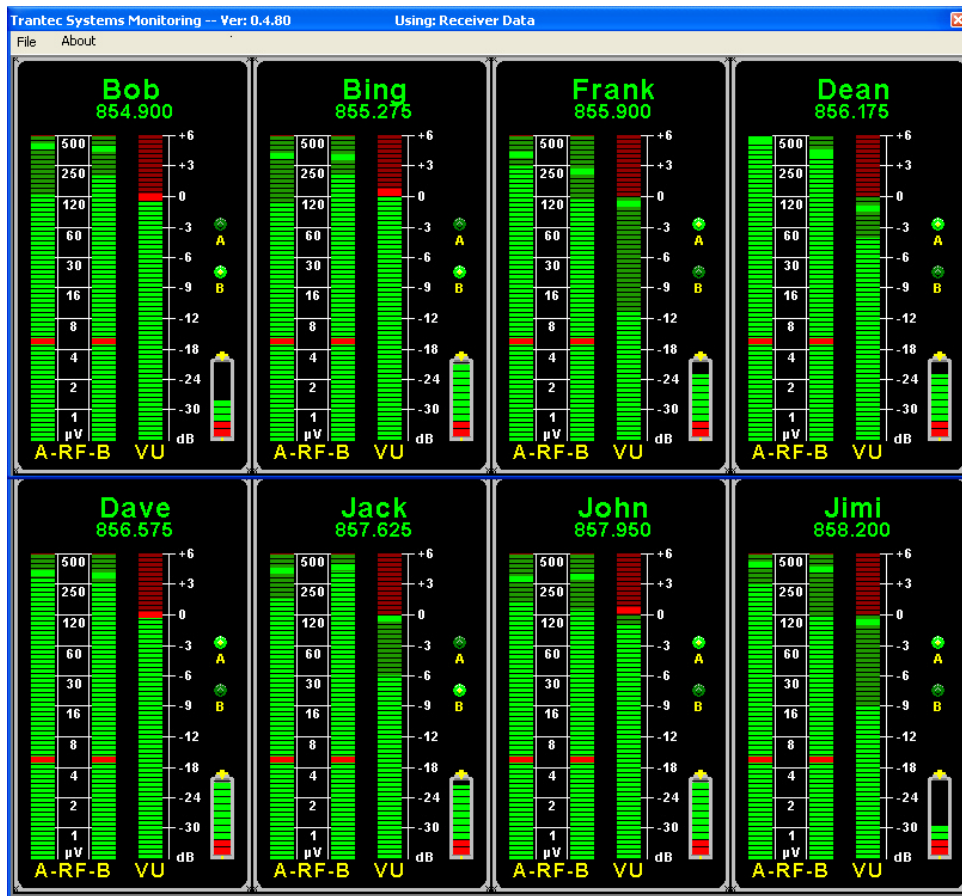


Once the system information is confirmed, the display will adjust depending on the number of connected receivers. If a receiver is in a muted state, the panel graphics will appear as shades of grey.

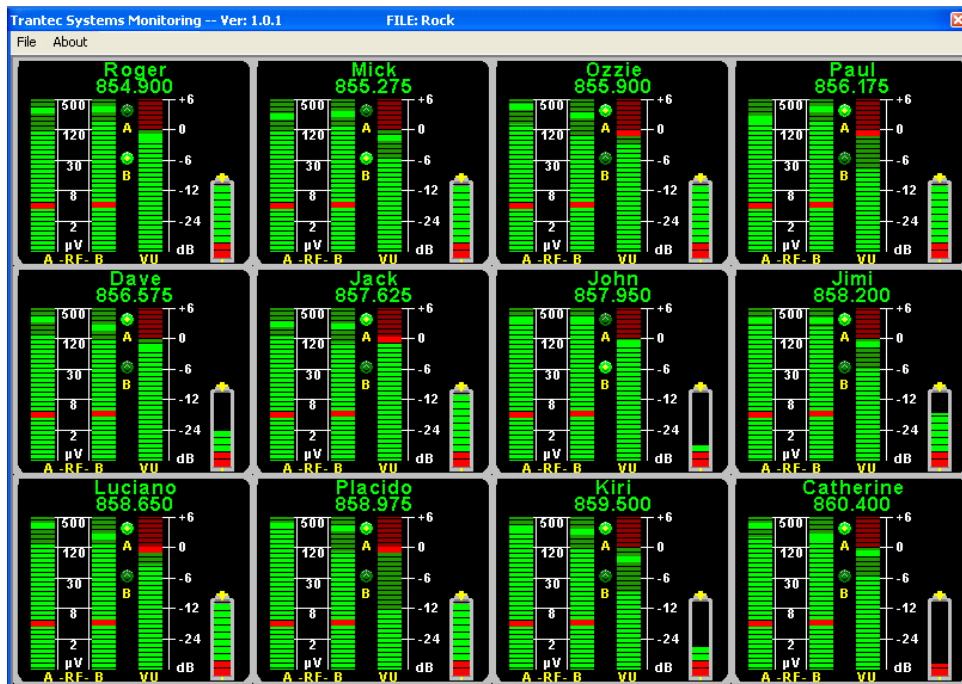
Below are examples of a 4, 8 and 12 way displays.



4 Receiver Display

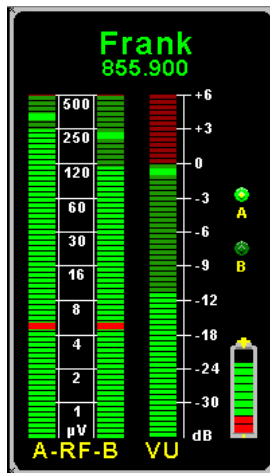


8 Receiver Display



12 Receiver Display

Below is a view of a single receiver panel for a system of up to 8 receivers.



The panels indicate:

- i. The RF signal level for both A and B diversity channels. The bars are scaled in micro-volts. A single red bar element indicates the current mute level.
- ii. The audio VU level scaled in decibels
- iii. Diversity LEDs labelled A and B indicating the current receiver channel.
- iv. The battery level.
When approximately one hour of life remains, the indicator flashes red.
- v. The name associated with the performer/receiver.
- vi. The operating frequency.

The monitoring software is intended simply to indicate the current status of the connected receivers.

Appendix A

General notes on connecting your USB system

- If you connect your receivers one at a time as you load the drivers you should not experience any issues. Once your system is connected however, you should **NOT** unplug or rearrange USB connections. If you need to change the order of connections you should:
 1. Disconnect all your receivers from the USB hubs and power them down.
 2. Disconnect your USB hubs from the PC and power them down.
 3. Shut down your PC.
 4. Restart your PC, power up the hubs and reconnect them to the PC.
 5. Power up and reconnect your receivers one at a time in the new order.You will not need to load drivers this time.

Once your system is set up we recommend that you label the USB cables close to the type B connector on your receivers. This way you know which receiver will appear where on the monitoring screen, bearing in mind the display is in rows, left to right.

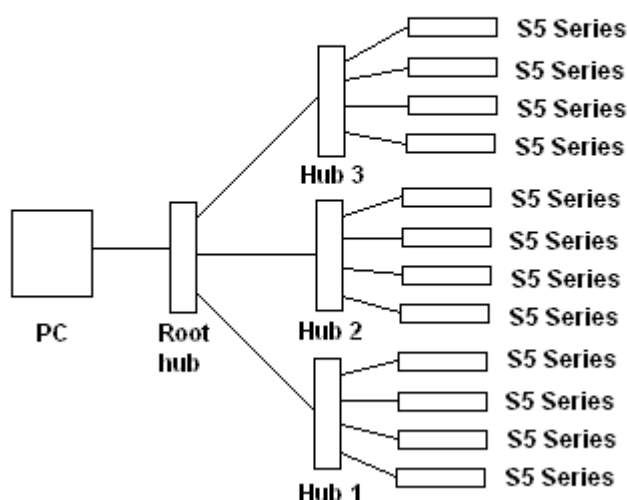
- You should imagine your USB connections as a tree branching out from ports on your PC. For multiple devices, a USB 2 hub should be attached to any USB 2 port on your PC. If the hub does not have enough ports you should 'cascade' multiple hubs. You may use more than one USB port on your PC. Connect Hub 1 to Port 1 and Hub 2 to Port 2 for example.

Only use USB 2 'Hi Speed' hubs. This ensures the system will connect to your PC's enhanced USB controller for maximum efficiency.

The first hub attached to your PC acts as a root hub to the rest of the system. A 4-port 'root' hub can take 4 connections from other hubs. We recommend a maximum of 12 receivers are connected.

- The Trantec USB monitoring application will display the S5 series receivers in the order that they are connected to the hubs. The further away the receiver is from the PC USB port(s) the later the order on the PC screen.

Example 12 way USB connection



For example: An S5.5 attached to Port 1 on a hub which is attached to Port 1 on the 'Root' hub will be displayed first on screen. An S5.5 attached to Port 2 will appear second and so on. If you are using 4-Port hubs then another S5.5 would be attached to Port 1 on a second hub which is attached to Port 2 on the 'Root' hub. We could then attach 3 more S5.5s to this hub. A third hub would be used to attach more receivers using Port 3 on the 'Root' hub.

- On some USB 2 hubs, the ports are not physically numbered in the same order as the connection to the USB system as a whole. This can lead to an unexpected display output. For example: on a D-Link DUB-H7 hub the port numbered 1 is actually connected to Port 5 on the USB system.

The following Hubs **ARE** connected in correct order.

Belkin F5U237 Seven port hub.

(Physically stackable and provides a very compact 12 way connection from two hubs)

D-Link DUB-H4 Four port hub.

HP DG954A compact Four port hub

The following Hubs we know are **NOT** connected in order.

D-Link DUB-H7 Seven port hub

Maplin A38BG Seven port hub

Targus PAUH212 Seven port hub

Trust Easy connect HU-5770 Seven port hub