



# AOR SRUB DOCUMENTATION:

The SRUB is a replacement PCB for the AOR SR2000 frequency monitor and SDU5600 spectrum display unit. The board replaces the RS232 socket with a USB socket. All active electronics are sensitive to static discharge damage, earth yourself before handling the parts. If you are not confident of your engineering skills, seek assistance.

## FITTING THE HARDWARE BOARD:

Switch off the SR2000 / SDU5600 and disconnect the power from the DC socket. Remove the two screws from the rear panel which currently hold the RS232 socket in place. Grab hold of the connector and pull it out from the cabinet in a straight line, the socket is mounted on a sub printed circuit board. Carefully remove the sub board and store safely (retain the two fixing screws, you will need them next). Insert the replacement USB sub board, position the "masking plate" and use the two fixing screws to gently tighten the plate into position. Make sure that the board is correctly aligned and do NOT use excessive force!

You will now need a USB type "A" to type "B" cable (not supplied) to connect the SR2000 / SDU5600 to your PC computer.

The sub PCB features a BRIDGE CHIP to convert RS232 signals to USB, the SR2000 / SDU5600 will appear as a COM PORT on your computer once the "driver software" has been installed. The driver software will automatically pit an unused COM PORT number such as 3 or 4, later this may be manually altered from the properties menu for the COM port.

## INSTALLING THE DRIVER SOFTWARE:

It is necessary to install the supplied "driver software" so your computer is able to communicate with the SR2000 / SDU5600. The driver is supplied on a 3.5inch floppy disk and can be downloaded from the internet (see manufacturers README.TXT file on the disk), it supports Windows 98, ME, XP, 2000 (possibly NT).

The installation process follows the usual Windows format, but is different for each operating system. On XP you will be notified that the driver is "not signed", simply proceed by clicking OK.

With the SR2000 / SDU5600 connected to your PC and the computer running, switch on the SR2000 / SDU5600. The PC will attempt to identify the equipment and will ask you if you have a driver disk, insert the floppy disk and follow the screen instructions pointing the PC to the floppy disk. You may need to re-boot your PC at some point.

When installed, a new COM port will appear in the Windows CONTROL PANEL / SYSTEM / HARDWARE / DEVICE MANAGER / PORTS list.

Compatibility has been checked with terminal programs, the AOR SDU5600 PC package (free from the AOR web sites) and SR2000LOG beta software.

## ASSISTANCE:

The board has been manufactured by AOR Japan who supplied the driver files:

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This documentation has been produced by AOR UK LTD  
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