

Hints for easier SAL-30 remote installation with Digi USB/2 anywhere

In order to get the SAL-30 remotely controlled you will need in addition to the SAL-30 control box and the SchackLAN USB box also a USB to LAN device. Today it seems that Digi Anywhere USB and their realport technology is the only tool that we can use. It is proven and works great. Here is the way to get it working in SAL-set up.

1. Assuming SAL-30 control box is correctly hooked up with the SchackLAN device and that you can control the SAL-30 from the control box at the remote site. See manual.
2. Install the Digi USB drivers and software (utility software) into the PC (the same PC you will use at home base!!) at the remote site. This is important as it seems that the Digi utility software needs to directly connect to the Digi USB anywhere device in order to get the virtual COM port installed in the PC. If you try to do this from home base it is very likely that it will not correctly install and load the virtual COM Port that is needed (at operation of the SAL-30 remote control software) at later stage.
3. Connect the PC to the Digi USB device and you will hear that a Port is created. Open up the control panel in Windows and look at the device manager and "ports" (COM and LPT) that a new virtual COM Port really is created. If this port is not created you will not be able to contact the SAL-30 control box. Write down the number of the virtual COM port.
4. Install the SAL-30 remote software (Shared Apex Control v.1.0) by Array Solutions on your PC. Launch the software and press "COMM" at top. Choose the same virtual COM Port you just wrote down (previous step). Now the "COMM" will connect and turn green. Now you may control the SAL-30 from the software.
5. Open up the incoming ports 1049-1054 and 3422 and forward to port 3422-3427 TCP&UDP at the router remote QTH site. This in order to allow IP-traffic from home base PC to SAL-30 at remote site. A computer geek has showed two years ago that the Digi Anywhere USB device also listens to ports 1049-1054 (see Ref 1.) in addition to the officially listed port 3422. You may try to open up these ports as well in case first port does not succeed.
6. Bring the PC to home base (or test over different public IP net like 4G or ADSL). Open up the firewall of the PC for both programs (Anywhere USB configuration and Shared Apex Control v.1.0).
7. Launch Anywhere USB configuration Utility in the PC and in the "connection list" add the remote QTH IP-address AND define group number (1 -15 e g "1). Press "ADD". Press then "Connect". If all works the software will now establish a connection to SAL-30 control box. Check the virtual COM Port that it's created in the device manager. Finally launch the Shared Apex Control software and choose in a similar way as above (step 3) the right COM Port.
8. All set now to steer the SAL-30 at your remote QTH from home base. Have fun!!!