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NRA Remote Analyzer

Support CD

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Issue date: Nov 2014
Firmware support: V 3.0.0 or higher

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Contents of the Support CD

1. USB_Driver_NRA (directory)
The directory >> *USB_Driver_NRA* << contains the USB Driver for Microsoft Windows
Operating Systems (32 and 64 bit). The USB connection can be used for the following tasks:

- Configuring the device
- Uploading firmware updates

You will have to install the USB driver for the device before you can use the USB connection.

2. Operating Manuals (directory)
The directory >> Operating Manuals << contains the PDF versions of the manuals and
additional documents describing the web applications and utility programs.

- NRA Operating Manual   (PDF of the printed manual)
- Command Reference Guide   (PDF)
- Web Applications - Description   (incl. Web Terminal and Live Display Viewer)
- IQ Stream Grabber - Description (incl. Remotelink Examples TCP and UDP)
- Utility Programs - Description   (incl. Narda Configurator, Narda Device Finder
                                   and NRA Remote-GUI)

All documents are in English language except for the NRA Operating Manual which is in
English and German.

3 Demo & Utility Programs
The directory >> Demo & Utility Programs << contains the following programs which are
described below.

3.1 Narda_Configurator
Narda Configurator is a convenient tool for configuring the NRA network adapter. If unknown,
the device IP address can be determined using the Configurator connected via USB. You can
also use the Configurator to synchronize the system times of the PC and the NRA.
There's no installation required, you can even run the program directly from CDROM. In this
case however, the last settings cannot be stored. If you run the program from hard disk, the
last settings will be stored in the same directory in an xml configuration file.

3.2 NardaDeviceFinder
The "Narda Device Finder" is an auxiliary application that can search for and list the NRA devices in the network, as long as the devices have an active connection to the network being searched.

There's no installation required, you can even run the program directly from CDROM. In this case however, the last settings cannot be stored. If you run the program from hard disk, the last settings will be stored in the same directory in an xml configuration file.

3.3 IQ Stream Grabber *(Option Scope and I/Q Data is required)*
The IQ Stream Grabber is a WIN32 command line tool for developers. This tool is helpful to get a first impression of the IQ streaming protocol. You can make logfiles of the remote communication and record the IQ data to WAV files.

3.4 Demo Software
They are intended as programs for learning purposes and to demonstrate the basic capabilities of the NRA. Each of the analyzer's operating modes is demonstrated by means of a separate example program. These programs are provided "as-is". No warranty or guarantee of their fitness for any particular task is provided. Use of these programs is entirely at your own risk.

- NRA Spectrum Demo
- NRA Spectrum MultiView Demo
- NRA Level Meter Demo   (option required for use)
- NRA Multi-Channel Power Demo   (option required for use)
- NRA Scope Demo   (option required for use)

- NRA Remote GUI   (virtual device control application
                               for all operating modes)

There's no installation required, you can even run the programs directly from CDROM. In this case, however, the last settings cannot be stored. If you run the program from hard disk, the last settings will be stored in the same directory in an xml configuration file.

4. NRA Tools
The directory >> NRA_Tools << contains the setup file for Narda Tools. This is a configuration software for NRA series analyzers from Narda Test Solutions. See NRA_Tools_ReadMe for more information.
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