INNOVATION MEANS MOVING FORWARD

Hi-Tech made in Italy

R&R systems

Information Tech
all-around

R&R
systems

R&R Systems has twenty years of experience in firmware & software development and, thanks to its deep knowledge of the IT field, is able to support companies by:

1. Designing and producing microprocessor-based **electronic equipment** and related firmware development;

2. Designing **firmwares** for third parties.

Thanks to the collaboration with highly skilled professionals, this customer-centric company is able to provide tailor-made projects and plans. Punctuality and cutting-edge technologies are two of many added values that the company guarantees to its customers.

The Receiver
DABLan

DABLan is a **DAB stereo receiver** for remote listening and monitoring of frequencies precodified from user. The system is composed by a receiver and a software resident on a client PC (or smartphone, or tablet) that allows interaction. It can be phisically situated in a remote location.

The audio quality can be configured and changed at every connection, allowing hearing also with limited bitrates available.

For the installation and proper operation, DABLan needs:

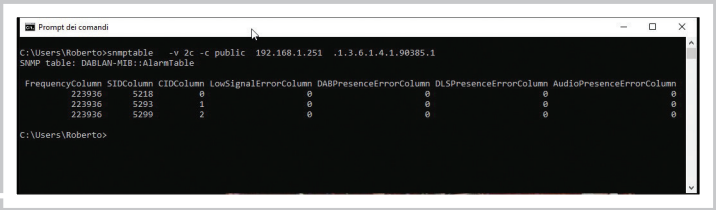
230 VAC
mains power
(power supply included)

RJ45 cable
connected in a TCP/IP
public network

External antenna:
dipole, directional
or log-periodic
antenna

The router connected to the public network must allow the port forwarding function. In the LAN, DABLan allows "auto mode" (**DHCP + uPnP**), and also static IP mode.

Command Prompt



DABLan allows to create a list of frequencies on which control various parameters (**RSSI loss, DAB info loss, DLS loss, audio loss**) and to determine the concerning alarms.
DABLan and the alarms management can be customized on request.

The dashboard

In DABLan can be activated DHCP protocol (for automatic IP address assignment) and uPnP protocol (for automatic creation on the router of the port forwarding rules necessary for his communication). DABLan contains an SNMP agent and MIB database, for remote queries through SNMP protocol.

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via Colombo, 7 - 25020 Dello (BS)
Office +39 030 97 71 047
Mobile +39 347 40 85 743
info@svilupposoftwarebrescia.it
www.svilupposoftwarebrescia.it