

DRB 32

Digital Radio Box



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Universal reception up to 30MHz using PC & soundcard

ControlPanel DRB 32 (LPT)

Installation

This software is provided in ZIP file format. In order to open a ZIP file and extract its contents, you will need a unzip software program. Numerous UNZIP programs are available on the web, most of them are freeware.

- Unzip & install the files to a new created (e.g. DRB32) or special folder

Starting

- Start the software by double-clicking the DRB icon or with OPEN command

The application software displays a small window that you can position anywhere on your desktop and can be run together with the SDR software.

Main Features

The ControlPanel is self-explaining and restricted to the absolutely necessary functions.

- Frequency display with 1Hz resolution
- Frequency Tuning

The frequency is either selectable directly by keyboard entry with MHz decimal point or by mouse clicking on the corresponding arrow-buttons (UP/DOWN, normal & fast tuning speed).

- Step Width

Additional Features

- Selection of parallel port interface (LPT1...3)
- Selection of high level range HighIP with extended input IP3 in presence of very strong input signals
- ALT CLK to change the DDS clock frequency if DDS-typical artefacts should occur

The screenshot shows the DRB 32 ControlPanel V1.6 window. The main display shows a frequency of 20.000 000 MHz. To the right of the frequency display is a 'HighIP' indicator and a table of step widths. Below the frequency display are several control buttons and a grid of step width options. Labels with red lines point to specific features:

- Selection HighIP**: Points to the 'HighIP' indicator.
- Selection Parallel Interface (LPT)**: Points to the 'LPT1' button.
- Tuning Frequency**: Points to the frequency display '20.000 000 MHz'.
- Important References**: Points to the 'About' and 'HighIP' buttons.
- Alternative DDS Clock Frequency (eliminating artefacts)**: Points to the 'AltClk' button.
- UP/DOWN fast**: Points to the fast tuning arrow buttons.
- UP/DOWN standard**: Points to the standard tuning arrow buttons.
- Step width**: Points to the grid of step width options.

1 Hz	5 Hz
10 Hz	50 Hz
100 Hz	500 Hz
1 kHz	5 kHz
9 kHz	10 kHz

Please note:

This control software was developed at NTi exclusively for the DRB32 communications receiver and may only be used in combination with this receiver.

This software is an experimental system. The use of the software is at the user's own risk. We assume no responsibility whatsoever for its use by other parties, and makes no guarantees. More informations (number of version, copy right etc.) are provided by clicking on the ABOUT button when running the software.