

## RSPdx's HDR Mode Usage

### Overview

The RSPdx has an HDR (High Dynamic Range) mode when operating below 2 MHz – SDRuno always uses HDR mode whenever a RSPdx is in use and the framed band of interest is lower than 2 MHz. It's important to remember that HDR mode is ONLY available using the RSPdx. HDR mode is ONLY selected when using one of the framed bands below 2 MHz

### Usage

Starting with version 1.33 of SDRuno, the only way to engage HDR mode is through the band buttons in the RX Control Panel.



The above image shows the HDR bands in the keypad on the right-hand side.

In addition to these, HDR mode is also used, remember for the RSPdx only, when 2200, 630, 160, LW or MW are used in the other band groups.

When a HDR framed band is selected, HDR mode will be indicated in the IFBW field at the top right corner of the Main Panel.

If the green "ON" light is lit on the button, then HDR mode is engaged:



If the button is NOT lit, then tuner mode is engaged and HDR mode is disabled:



In HDR mode, the LO display is removed from the Main Spectrum Panel and the LO LOCK is engaged. The centre frequency for a given HDR band cannot be changed.

To leave HDR mode, either press the lit band button (this will act like a ON/OFF toggle), select a different band button, type a frequency in the RX control panel or select a frequency in the memory panel, that is outside of the current viewable spectrum.

A description of the bands including the HDR bands can be seen on the next page.

Left or Right clicking on the “Bands” button will bring up the additional band segment presets.



Ham Lower: 2200m, 630m, 160m, 80m, 60m, 40m, 30m, 20m, 17m & 15m.

Ham Upper: 12m, 10m, 6m, 4m, 2m, 1.25m, 70cm, 33cm, & 23cm.

Broadcast: 75m, 60m, 41m, 31m, 25m, 22m, 19m, 16m, LW & MW

HDR (RSPdx ONLY): 2200m, 630m, 160m, LOW (up to 500 kHz), FULL (up to 1.7 MHz), LFER (LF Experimental), NDBL (NDB Lower), NDBH (NDB Higher), LW & MW

## Legal Information.

For more information see  
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For support see  
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