

## JazlerRadioStar 2 settings for DEVA Audio Processors

JazlerRadioStar 2 is software fully compatible with several devices from DEVA's Audio Processors product line:

- DB6400 - FM & Digital Radio 4-Band Processor;
- DB64-FM - Budget 4-Band FM Radio Processor;
- DB6000-STC - Stereo and RDS Generator.

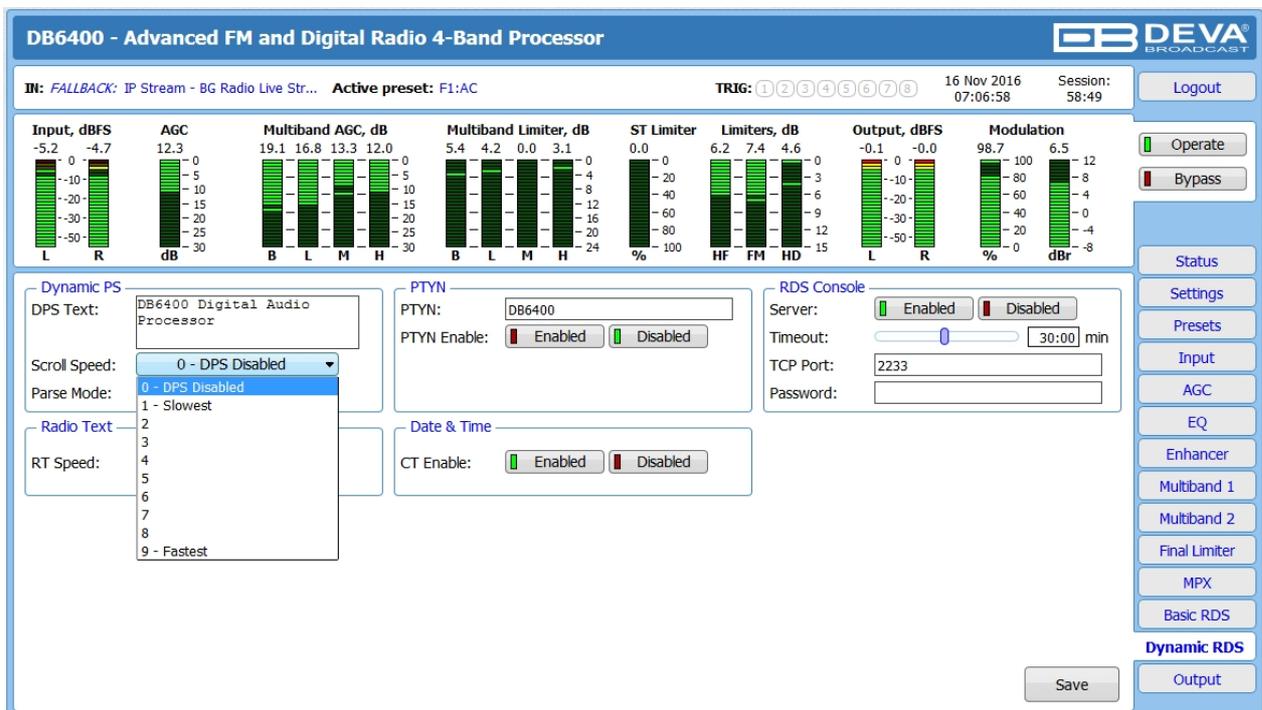
### 1. Set-up for the DEVA Audio Processor

1.1 Open the device's WEB Interface, then go to Dynamic RDS > section Dynamic PS.

1.2. DPS setup - Allow the usage of dynamic PS by setting Scroll Speed to a non zero value using WEB interface or the ASCII command DPSS.

Example:

**DPSS=5**



The screenshot displays the DEVA DB6400 web interface. At the top, it shows the device name 'DB6400 - Advanced FM and Digital Radio 4-Band Processor' and the DEVA logo. Below this, there are status indicators for the stream (FALLBACK: IP Stream - BG Radio Live Str...) and the active preset (F1:AC). The interface is divided into several sections:

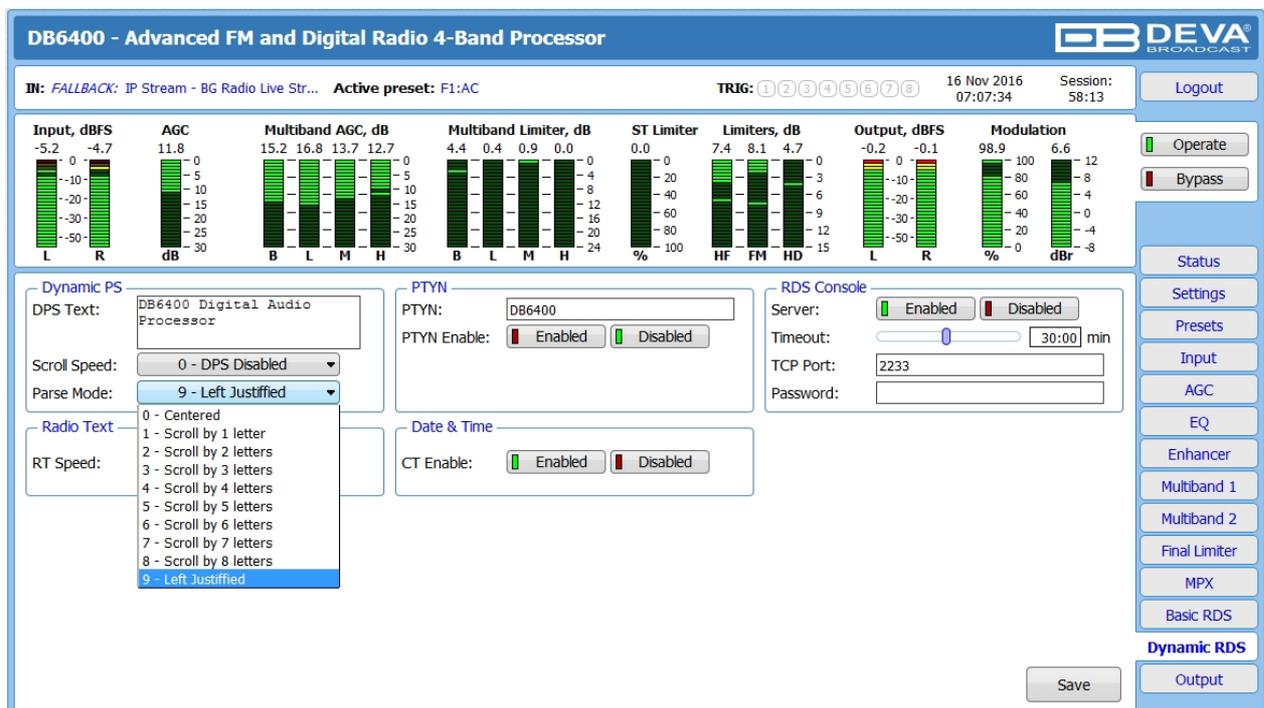
- Meters:** A row of eight meters showing various audio processing parameters: Input (L/R), AGC, Multiband AGC (B/L/M/H), Multiband Limiter (B/L/M/H), ST Limiter, Limiters (HF/FM/HD), Output (L/R), and Modulation (L/R).
- Dynamic PS:** This section is expanded to show settings for Dynamic PS. It includes:
  - DPS Text:** A text field containing 'DB6400 Digital Audio Processor'.
  - Scroll Speed:** A dropdown menu currently set to '0 - DPS Disabled'.
  - Parse Mode:** A dropdown menu currently set to '0 - DPS Disabled'.
  - Radio Text:** A dropdown menu is open, showing options from '1 - Slowest' to '9 - Fastest'.
  - RT Speed:** A text field.
- PTYN:** Includes fields for PTYN (DB6400) and PTYN Enable (Enabled/Disabled).
- Date & Time:** Includes a field for Date & Time and a CT Enable (Enabled/Disabled) checkbox.
- RDS Console:** Includes a Server status (Enabled/Disabled), a Timeout slider (set to 30:00 min), a TCP Port field (2233), and a Password field.

On the right side of the interface, there is a vertical menu with buttons for Operate, Bypass, Status, Settings, Presets, Input, AGC, EQ, Enhancer, Multiband 1, Multiband 2, Final Limiter, MPX, Basic RDS, Dynamic RDS, and Output. A 'Save' button is located at the bottom right of the main settings area.

1.3 Determine the appropriate mode of displaying of the dynamic PS text using WEB interface or the ASCII command PARSE. When PARSE is set to 0 (words centered) or 9 (words justified to the left), parsing will send the short words together. Long words (up to and including 8 characters) are sent individually/separately. Words exceeding 8 characters are "sidestepped" through two or more consecutive displays. When PARSE is set between 1 and 8, the message is scrolled from 1 to 8 characters at a time without dividing into word groups.

Example:

**PARSE=0**



1.4 In section RDS Console:

- *Server* – [Enable] the RDS console remote access;
- *Timeout* - specify session timeout. Upon expiration of the time set the connection will be closed;
- *TCP Port* – enter the TCP port of the RDS console. This console is used to edit RDS settings in real time. Default value is 2233;
- *Password* – It is very important the password field to be left blank.

**WHEN APPLYING NEW SETTINGS** - In order new settings to take effect, it is necessary to press the [Save] button. Please keep in mind that some of the new settings can reset DB6000-STC

## 2. JazlerRadioStar 2 Software configuration

As the software supports only COM port as a communication interface, it is recommended DEVA's Virtual COM Port to Ethernet Tool to be also installed - [www.devabroadcast.com/dld.php?r=380](http://www.devabroadcast.com/dld.php?r=380). This application will establish a means of communication between the remote TCP/IP Port and the virtually created COM port.

For the further set-up of the software, we recommend referring to the complete user manual of the software's manufacturer, where thorough information on how to set Jazler to work with any RDS/RBDS Encoder can be found. The latest version of the manual can be downloaded from [www.jazler.com/Downloads/RS2-RDSen.pdf](http://www.jazler.com/Downloads/RS2-RDSen.pdf). For your convenience a printout of the document is applied at the end of the guide.

**Please pay special attention to figure 2-6 on page 8**, where in the drop-down menu you will have to choose as a model Inovonics 712 & 713, in order for the software to work with DEVA's devices. As depicted on the screenshot below.

