

## ENCO settings for DEVA Audio Processors RDS Console

ENCO 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.

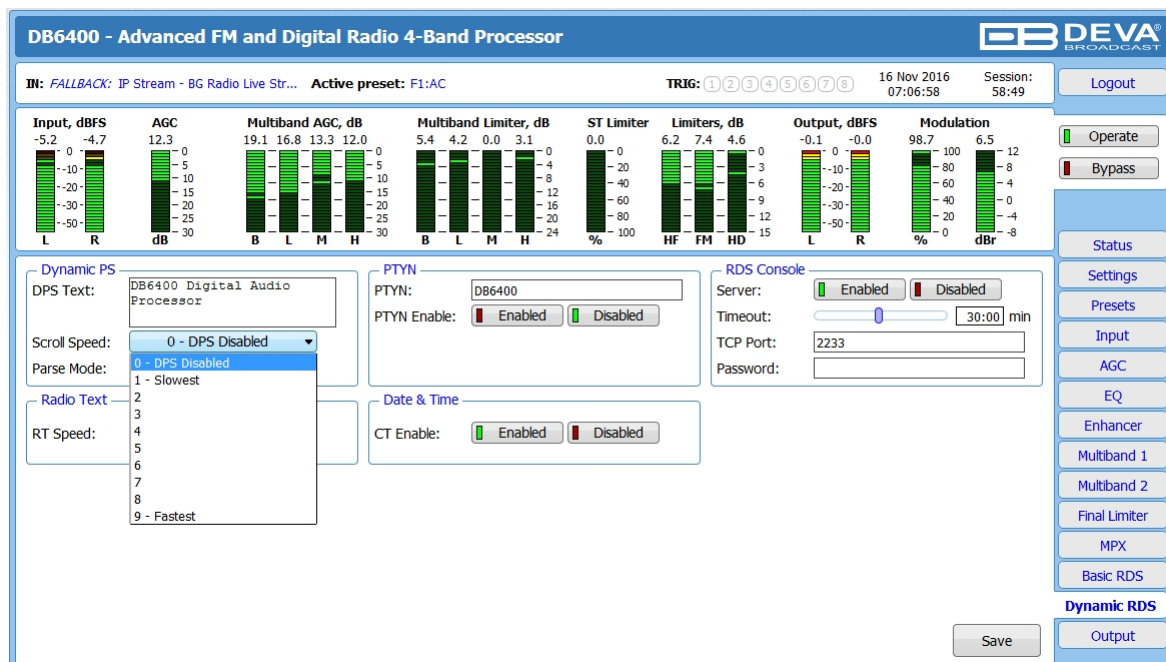
### 1. Set-up for the DEVA Audio Processor

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**

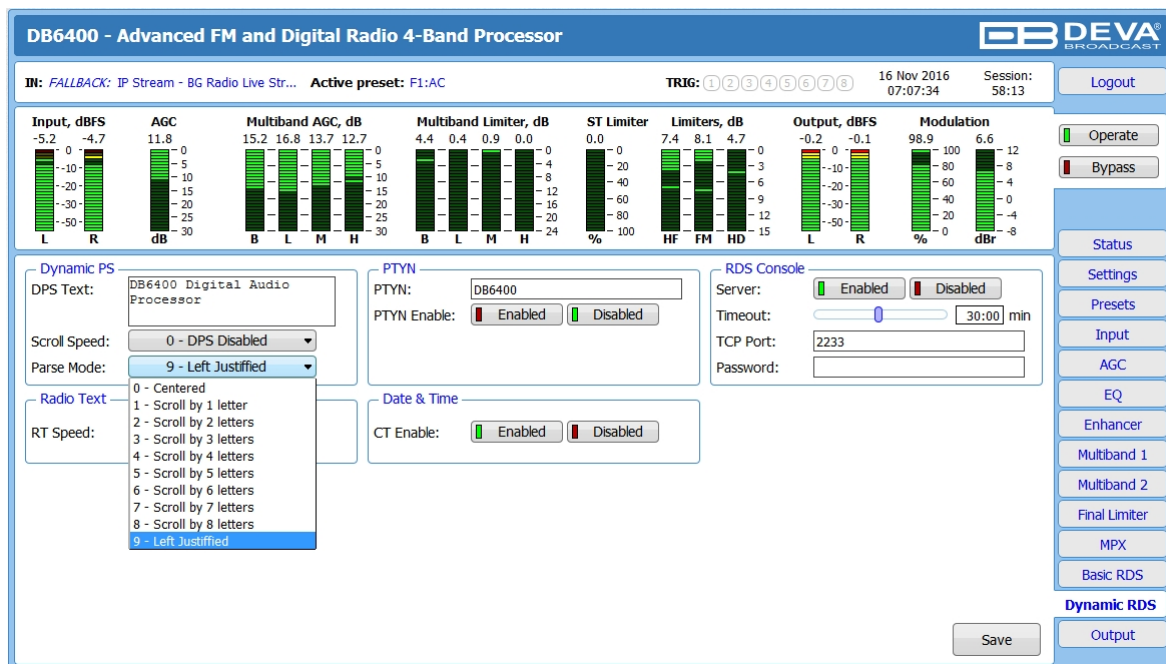


The screenshot displays the DEVA DB6400 RDS Console web interface. At the top, it shows the device name "DB6400 - Advanced FM and Digital Radio 4-Band Processor" and the DEVA logo. Below this, there are status indicators for "FALLBACK: IP Stream - BG Radio Live Str..." and "Active preset: F1:AC". The interface includes several real-time monitoring meters: 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. On the right side, there are buttons for "Operate", "Bypass", "Status", "Settings", "Presets", "Input", "AGC", "EQ", "Enhancer", "Multiband 1", "Multiband 2", "Final Limiter", "MPX", "Basic RDS", "Dynamic RDS", and "Output". The main configuration area is divided into sections: "Dynamic PS" with fields for "DPS Text" (DB6400 Digital Audio Processor), "Scroll Speed" (set to 0 - DPS Disabled), and "Parse Mode" (set to 0 - DPS Disabled); "PTYN" with "PTYN" (DB6400) and "PTYN Enable" (Enabled); "RDS Console" with "Server" (Enabled), "Timeout" (30:00 min), "TCP Port" (2233), and "Password"; and "Date & Time" with "CT Enable" (Enabled). A "Save" button is located at the bottom right of the configuration 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* – Password identification support depends on the software. If your software does not support this feature, the field must be left blank. For further information on whether a password should be set, please refer to the complete user manual of the Automation Software, or the provider.

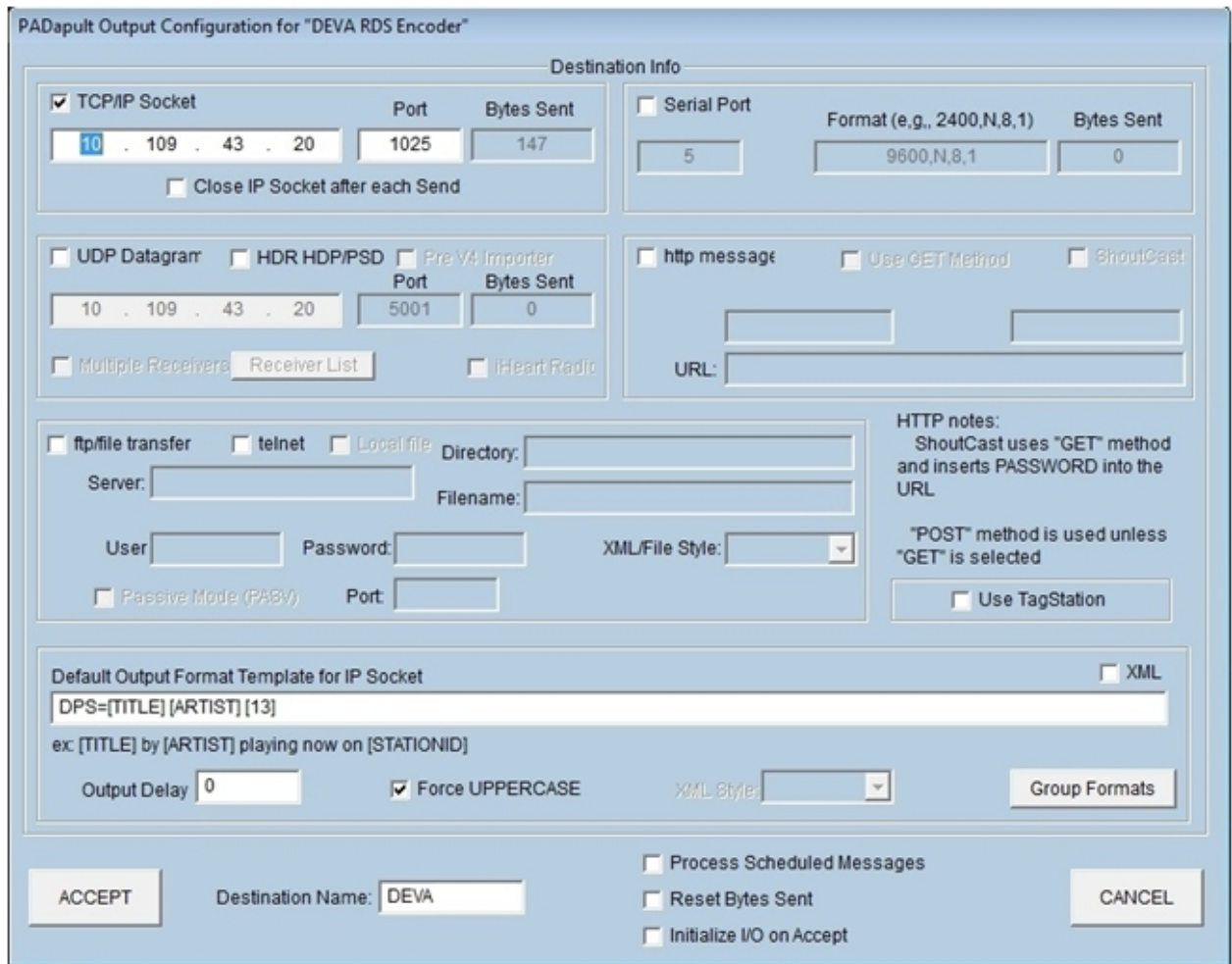
**WHEN APPLYING NEW SETTINGS** - In order new settings to take effect, it is necessary to press the [Save] button.

## 2. ENCO Software configuration

1. Start the **PADapult** and enter your station's data;



2. Click on one of the available purple buttons in section **Destinations**. The following window will appear:



3. Enable the **TCP/IP Socket** and specify the **IP** and **Port** of the DEVA Audio Processor encoder (as depicted above);

4. Then go to **Default Output Format Template for IP Socket** section. To send the data to the PS field of the encoder, write the following command **DPS = [TITLE] [ARTIST] [13]**. Where [13] is command meaning enter.

"**DPS =**" is ASCII command which sets the Dynamic PS. An exemplary result would be:

**DPS = London Calling The Clash**

The following options could be applied:

**DPS**= if you want the artist and song information to go to the PS field.

or

**TEXT**= if you only want it to go to the Radio Text field.

or

**DPSTEXT**= if you want the information to go to both PS and RT fields.