

Getting Program Associated Data (PAD) [Artist and Title] from your XDS receiver

The XDS Pro-4 receiver PAD port (physical) is a DB-9F connector on the receiver rear panel and contains four PAD ports, wired thus:

Pins 1 and 6 (gnd) = PAD Data 0 (logical) on audio programmed to Audio Port A
Pins 2 and 7 (gnd) = PAD Data 1 (logical) on audio programmed to Audio Port B
Pins 3 and 8 (gnd) = PAD Data 2 (logical) on audio programmed to Audio Port C
Pins 4 and 9 (gnd) = PAD Data 3 (logical) on audio programmed to Audio Port D

The PAD Ports (logical) must be set up for **9600** baud to drive most RDS systems. The receiver is set to 19200 baud out of the box so you must set this via front panel of the receiver **OR** via the Console (M&C) port. In order for your new **9600** baud rate to be remembered after reboots and power failures, your receiver must be running version 1.6.6 or higher.

To set the PAD Baud Rate from the front panel:

- From the main screen (Westwood One logo) press the **SET** key.
- Press the left or right arrows until you see **Audio Ports**. Press **SET**.
- Press the left or right arrows to choose the **Audio Port** of your choice (**A - D**). Press **SET**. The LCD screen will read "Program".
- Press the left or right arrows until you see **PAD/Async**. Press **SET**.
- The LCD screen will say **None**. Press **SET** again.
- You will see the current **PAD Baud Rate** on the LCD. Use the **UP** or **DOWN** arrows to set the PAD Baud rate to **9600**. Press **SET**. You are done. Use the UP arrow to go back to the main screen (or screen will return automatically after a few minutes).

To log in and set PAD baud rate via terminal command:

Set up a terminal emulator for **115200,8,N,1** and connect to the **Console (M&C) port**. Hit Return to get a prompt, then enter your commands as shown below. The things you type are shown in **BOLD**. The steps below set PAD Port 0 (which serves Audio Port A) to 9600 baud.

```
Hudson> login tech radio<cr>  
You are logged in as TECH
```

```
Hudson> pad port<cr>  
PAD [port],"message" port=0-3  
PAD BAUD,[port],[300/1200/2400/9600/19200]
```

```
Hudson> PAD BAUD,0,9600<cr>
```

```
Hudson> pad baud,0<cr>  
9600 baud
```

To set the baud rates of PAD ports serving audio ports B, C, and D, respectively, use the syntax

```
Hudson> PAD BAUD,1,9600<cr>  
Hudson> PAD BAUD,2,9600<cr>  
Hudson> PAD BAUD,3,9600<cr>
```

When you're done
Hudson> **logout**