

## How to Retrieve RDS Data from a Starguide III Receiver

If RDS data is currently available on your format, it may be retrieved from the Starguide III's associated audio card. The data is located on pin 9 (TXD OUT) and pin 6 (GND) of the DB15M DIGITAL I/F connector. A picture and pin out chart is at the end of this document. The data is ASCII, 9600, 8, N, 1.

The text data is comma delimited and contains\* the: CUT #, TITLE, ARTIST.

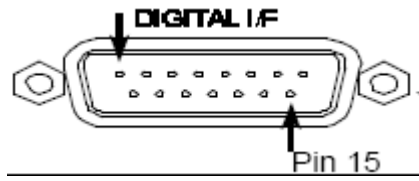
- Example: CurrentEvent: 2003-98, Rock Me, Great White  
NextEvent: 2003-26, Cocaine, Eric Clapton

To receive the RDS data, the audio card's ASYNC PORT must be set to 9600 baud. From the Starguide III's main menu:

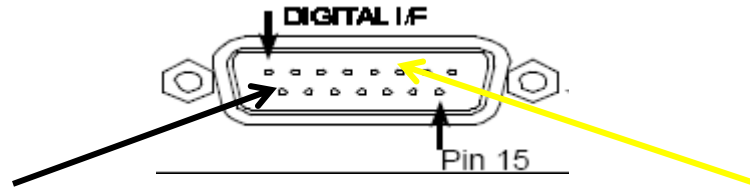
1. Press ENTER
2. You should see: STARGUIDE III PORT MENU
3. Press ENTER
4. Arrow right to the associated PORT
5. Press ENTER
6. You should see: PROVIDER
7. Arrow RIGHT to CARD SETTINGS
8. Press ENTER
9. You should see: CARD SETTINGS RELAY PORT
10. Arrow RIGHT to ASYNC PORT
11. Press ENTER
12. You should see: ASYNC PORT SET BAUD RATE
13. Press ENTER
14. You should see: SET BAUD RATE BAUD xxxx\*
15. Arrow RIGHT to 9600
16. Press ENTER
17. You should see: ASYNC PORT SET BAUD RATE
18. Arrow Right to ASYNC PORT OUTPUT MODE
19. Press ENTER
20. You should see: OUTPUT MODE MODE:NORMAL\*
21. If the OUTPUT MODE is not set to NORMAL, arrow RIGHT to NORMAL and press ENTER, otherwise press ENTER
22. You should see: ASYNC PORT OUTPUT MODE
23. Arrow UP to the STARGUIDE III main menu and the card setup is complete.

\*Please be advised that the text data contains information on all of the program elements so that you may tailor the data to work with your equipment. Additionally, the text data may be observed using Hyper Terminal or a dumb terminal.

On the back of the receiver “on the audio cards” there is a DB15 connector called Digital I/F



**Pin 6 is ground. Pin 9 is TXD Out.**



**Pin 9 Transmit Data**

**View - looking into male connector**

**Pin 6 Ground**

PIN	Function	PIN	Function
1	RXD (in)	9	TXD (Out)
2	RLY1B	10	RLY1A
3	RLY2B	11	RLY2A
4	RLY3B	12	RLY3A
5	RLY4B	13	RLY4A
6	GND	14	AES OUT -
7	AES OUT+	15	AES IN -
8	AES IN+		