



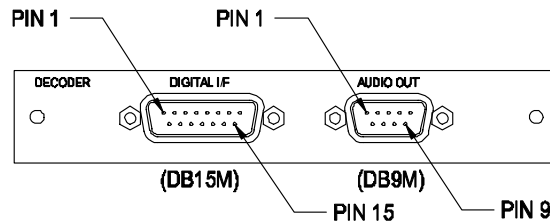
Technical Information for Radio America Affiliates

Radio America programming is available via the ABC Carrier on AMC-8 (139 W) on your Starguide III receiver:

Carrier Frequency: 0990000 kHz
 12288000 bps
 2/3 vit

Channel Info: Provider: ABC NY
 Service: **RADIOA** / SBN (Left Channel)

Audio: The analog outputs for Radio America appear at the DB-9 connectors on the Audio Decoder Cards on the back of your Starguide Receiver:



Each Audio Card supplies audio for **two** sources: one from the left channel (pins 1 and 6) and one from the right channel (pins 5 and 9). Radio America is on the **LEFT** channel. Do **NOT** wire to the mono sum of the card. You will get both channels on the mono sum output.

ABC recommends wiring both channels, either to separate sources or to an A/B switcher. Wiring both channels NOW means that should you ever take an additional service that is on a right channel output, you will not have to re-wire your system.

Relays: Radio America has different ways of receiving cues on your Starguide III: via the **Port B** DB-37 RELAY connector, the DB-15 DIGITAL IF connector on the Audio Card, or on the ABC Netcue Card in **Port F** (if there is one in your receiver). You can also utilize the in-band tone decoding if you so desire.

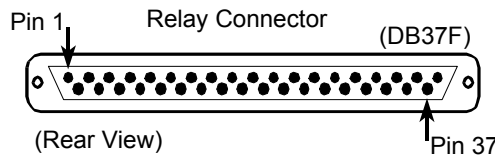
<u>Function</u>	<u>Port B/DB-15 Relay</u>	<u>Netcue</u>
Local Break	0	T48
Legal ID	2	T49
Rejoin/Liner	4	T50

Port B (DB-37) Relay Card

Here is a list of the relay functions and the pinouts from the **Port B** DB-37 connector (audio **must** be selected on **Port C** for relays to function properly. The cards link together inside the receiver):

Relay	"A" Pin	"B" Pin
0	1	20
1	2	21
2	3	22
3	4	23
4	6	25

"A" sides are your "hot" pins. "B" sides are the "common" pins.



IMPORTANT: DO NOT wire any connections to pins 5, 10, 15, 24 or 33. These are chassis ground pins. The remaining "B" pins may be tied together if required by your automation system. If your automation system requires a "closure to ground", please get that ground from your automation system.

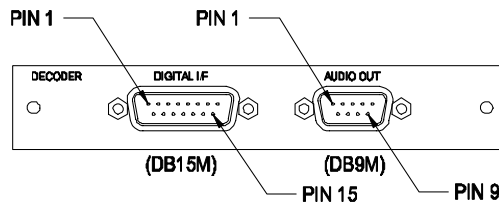
Audio Card DB-15

Note: The Audio Card DB-15 only has the capability to carry Relays 0 through 3; Relay 4 will **not** function unless you have a Port B (DB-37) Relay Card in your receiver.

Here is a list of the relay functions and the pinouts from the DB-15 connector located on the audio decoder card itself:

Relay	"A" Pin	"B" Pin
0	2	10
1	3	11
2	4	12
3	5	13

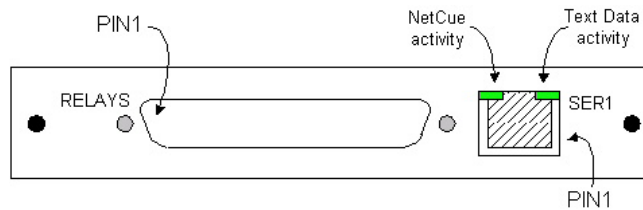
"A" sides are your "hot" pins. "B" sides are the "common" pins.



IMPORTANT: DO NOT wire any connections to pin 6 on the DB-15. This is a chassis ground pin.

ABC Netcues

Netcue closures can be programmed into your existing Netcue Card Map per your request. This allows you to keep ALL your closures in one place. Simply contact ABC Technical Services at (212) 456-5000 option 4 for more information. If you are not sure whether or not you already have an ABC Netcue Card, check the back of your Starguide receiver. They are usually (but not always) located in Port F of the unit, and has both a DB-37 connector for your Relays and a RJ-45 connector for ABC News affiliates taking print Data (see figure below).



In the event you do not have a Port B Relay Card or Port F Netcue Card, but would like to obtain one of these cards, please contact ABC for more information.

**If you require any more assistance,
to map Netcues, or for any other
questions regarding this
information,
please contact:**

**A ABC Radio Networks Technical Services
125 West End Avenue, 6th Floor
New York, N.Y. 10023
(212) 456-5000 option 4
9AM ET – 5PM ET
abcrn.techservices@abc.com**