

S E R V I C E N O T E

SUPERSEDES: None

E3238N Signals Development System

Serial Numbers: 0000A00000 / 9999Z99999

Replacing Sound Card on the E9850A**To Be Performed By:** Agilent-Qualified Personnel**Parts Required:**

P/N	Description	Quantity
SOUND-88701	Sound card kit	1

Situation:

Removing/installing the sound card in the E9850A

Solution / Action:

The sound card used in the E9850A is the Montego II 320-voice PCI Audio Accelerator from Turtle Beach.

Turtle Beach Model Number: TB400-3356-01

Website Address: <http://www.tbeach.com>

This is the procedure for replacing a defective sound card on the E9850A embedded NT controller.

Continued

DATE: November 2000

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLYAUTHOR:
CCENTITY:
A100

ADDITIONAL INFORMATION:



Procedure to remove/replace sound card:

1. Lay the E9850A down with the non-silkscreen side up.
2. Use a Phillips-head screwdriver to remove the 10 flat head screws (four on each side and two on the top cover)
3. Slide the front of the cover upward and then remove the cover.
4. Remove defective sound card.
5. Install the sound card in to the PCI slot and tighten down the front panel bracket.
6. Replace the E9850A top cover.

Attach headphones/speakers to the output jack on the sound card.

To re-install the sound card drivers in the event that the hard drive has been replaced or the E9850A module has been replaced, follow the procedure below otherwise proceed to section on verifying sound card installation.

Loading sound card drivers

Notes:

To install the drivers you will need access to an external CD drive.

Please do not install the entire Montego II application. Just install the sound card drivers.

Power up the E9850A.

Install the Application CD in to the external CD drive.

Exit out of the Montego II set up screen when it appears.

Keep the Montego Application CD in the drive and follow these instructions for installing the Montego II sound card Drivers.

1. From the Windows NT control Panel double click the Multimedia icon
2. Click the Devices tab
3. Click the Add button
4. Select unlisted or updated driver. Click OK.
5. A dialog box appears and requests the path of the Montego II drivers to be installed. The drivers are located in the NT directory of the Montego II CD-ROM. Use the browse button to navigate to the D:\NT directory (where D: is the CD-Drive letter) Click OK.
6. Select the Turtle Beach Montego II driver in the dialog box. Click OK.

Continued

7. A Turtle Beach splash screen should now appear. Click the OK button.

8. Next, you will be prompted to restart the system. Click restart Now

After bootup, follow these procedures to verify the sound card installation.

Verifying sound card installation

1. Click START
2. Click Programs
3. Click Accessories
4. Click Multimedia
5. Click Media Player

On Media Player:

1. Click File
2. Click open
3. Go up to C: drive directory
4. Double click E3238s folder
 Double click Examples folder
 Double click Demo folder
 Double click Wav folder
 Double click Demo.wav file
5. Attach headphones to headphones jack
6. Click play on Media Player.
7. You should hear tones in the headphones.

* If the E9850A module has been replaced or if the hard drive has been replaced the above folders will not be available. If this is the case, then click on the volume control icon in the system tray.

Clicking on the wiper control should produce sound in the headphones.