

U8903A-04

S E R V I C E N O T E

Supersedes:
NONE

U8903A Audio Analyzer

Serial Numbers: MY49310001 / MY51390003

Improve the BNC Connector’s tightness at U8903A front panel

Parts Required:

P/N	Description	Qty.
NONE		

Situation:

The U8903A’s front panel BNC connector could sometimes get loosened. Check the BNC connector’s tightness for all units from the serial numbers stated above. Perform this BNC connector check first and corrective action whenever necessary before proceeding with any repair or calibration requirement for customer.

Solution/Action:

Check the front panel BNC connector’s tightness for U8903A. If the BNC connector is not tightly held by the front panel, tighten the hex nut at the back of the front panel (Please refer to service guide U8903-90003 for the front panel BNC’s hex nut location. Information path: Disassembly Guide -> General Disassembly -> E. To replace the BNC connector assembly).

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:	
MODIFICATION AVAILABLE	
ACTION CATEGORY:: AGREEABLE TIME	<input type="checkbox"/> PERFORMANCE ENHANCEMENT <input checked="" type="checkbox"/> SERVICE / RELIABILITY ENHANCEMENT
LOCATION CATEGORY: <input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER <input type="checkbox"/> CHANNEL PARTNERS	AVAILABILITY: 10 October 2012
AUTHOR: HHY	PRODUCT LINE: WC
ADDITIONAL INFORMATION:	

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a) BNC connector not securely tightened



b) BNC connector securely tightened

This is the main inspection that could be done externally. There should not be any gap between the connector and the surface of the front panel as in picture a) above.

Channel 1		Analyzer
Analyzer Running		Function 1
Frequency	1.000 kHz <small>AVG:1</small>	Frequency
Vac	996.491 mV	Function 2
BW: Low	Input Type: UnBal	Vac
Det: RMS	Meas. Time: Gen Track	Units
	Range: Auto	Analyzer Settings
	Coupling: AC	Common Settings
Generator Running		Ref/Rel
Waveform	Sine	Return
Frequency	1.0000 kHz <small>Output: UnBal Imp: 600 Ω</small>	
Amplitude	1.0000 Vrms	
	DC Offset: +0.0000 V	

Once the hex nut has been tightened, please do a simple check by connecting a BNC to BNC cable from Channel 1 generator to Channel 1 analyzer and the specific parameters are shown in the diagram above.

Repeat this checking procedure with Channel 2 generator to Channel 2 analyzer as well.