TEAC TECHNICAL INFORMATION

CD-RW Recorders, Converter MPU Change

No. **0328**
DATE 15th July 2003

Converter MPU, U707 of Converter PCB Assy, of following CD-RW recorders (*) has been changed as shown in the table.

* RW-H300/H500/800, CD-RW700/RW2000, RW-02/02USB, CD-RW4U

Version of Converter MPU	P/N of Converter MPU	P/N of Converter PCB (P/N printed on PCB)	S/N adopted respective converter MPU (X mark means there is no unit to adopt the MPU)						
			RW-H300	RW-H500	RW-800	CD-RW700	CD-RW2000	RW-02/02USB	CD-RW4U
Ver. 1.00 (Flash)	S003687-00A (IC, HD64F7044 CONVERT)	3E90247-00A [See Note-1).]				0010001			
Ver. 1.01 (Flash)	S003687-00B (IC, HD64F7044 CONVERT)	3E90247-00A /00B [See Note-1).]	0010001	0010001	0010001	0011001			
Ver. 1.02 (Masked)	S003688-00A (IC, HD6437042 CONVERT)	3E90247-00C /00D	0030481	0040001	0040001	0040001			
Ver. 1.03 (Masked)	S003829-00A (IC, HD6437042 CONVERT 2)	3E90247-00D				unknown			
Ver. 1.04 (Flash)	S003868-00A (IC, HD64F7044 CONVERT 3)	3E90247-00D					0010001		
Ver. 1.04 (Masked)	S003869-00A (IC, HD6437042 CONVERT 3)	3E90247-00D				(unknown)	(unknown)	0010001	
Ver. 1.10 (Flash)	S004186-00A (IC, HD64F7044 CONVERT 4)	3E90247-00D [See Note-2).]					0090001		
Ver. 1.10 (Masked)	S004185-00A (IC, HD6437042 CONVERT 4)		0120039	0120001	0160001	0131999	0130001	0020001	0010001
Ver. 1.11 (Masked)	S004264-00A (IC, HD6437042 CONVERT 5)	3E90247-00D [See Note-1).]	(unknown)	(unknown)	(unknown)	(unknown)	(unknown)	(unknown)	(unknown)

Note:
1) The latest Ver. 1.11 is supplied when you order the Converter MPU. However the Ver. 1.11 cannot be used with earlier two Converter PCBs, 3E90247-00A/00B. If the Ver 1.11 is mounted on the two Converter PCBs, unit doesn't work. In the case, replacing Converter PCB Assy is required.
2) This change is to support CD-RW4U.
3) RW-02/02USB and CD-RW4U have Main PCB E901168-00A instead of Converter PCB. On the models, Converter MPU is mounted on the Main PCB Assy as U109.
4) The Converter MPU U707 is a QPD SMD soldered on the Converter PCB without socket.

Fixed Problems

- V1.01 (Flash)

1) When "D-IN UNLOCK" is displayed, click noise is heard.
2) When sync-recording through digital input with certain MD recorder, unit doesn't stop even if the MD recorder stops.
3) When recording through digital input, sync-recording doesn't start even if 5 seconds or more elapses from beginning of track.

- V1.02 (Masked)

This change is to produce the V1.01 (Flash) by means of masked ROM method to reduce cost. There is no change of features.

- V1.03 (Masked)

To reduce Mech Assy vibration resulting some noise, rotational speed of disc in play mode is reduced from 8 times to 4 times.

- V1.04 (Flash)

This change is to support CD-RW2000.

- V1.04 (Masked)

This change is to produce the V1.04 (Flash) by means of masked ROM method to reduce cost. There is no change of features.

- V1.10 (Flash)

This change is to support CD-RW4U.

- V1.10 (Masked)

This change is to produce the V1.10 (Flash) by means of masked ROM method to reduce cost. There is no change of features.

- V1.11 (Masked)

Level meter indication disappears when following steps are operated:
1) Record a sound by Sync-record method.
2) Set the unit to digital in monitor mode.
3) Level meter indication disappears when following a) or b) feature starts:
   a) Sync record
   b) Index increment

Note: This appears with V1.10 (Flash/Masked) only.