

SERVICE MANUAL

COLOR TELEVISION RECEIVER

DTV2784



MFR'S VERSION	IC101	IC199	IC2408
A	OEC7144A	S3W4012E02	S3W2018F01
B	OEC7144B	S3W4092E01	S3W202YF02

Please file this revision with the original version.

REVISION
VERSION (B)

S/M CODE NO. M3W4062BSM
DATE OF ISSUE 12/2006

MICON VERSION UP and change of Digital TV MICON Firmware

ELECTRICAL REPLACEMENT PARTS LIST

REF. NO.	MFR'S VERSION A		MFR'S VERSION B	
	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
IC101	I56F07144A	IC OEC7144A	I56F07144B	IC OEC7144B
IC199	S3W4012E02	MEMORY DATA AT24C128N-10SU-1.8	S3W4092E01	MEMORY DATA AT24C128N-10SU-1.8
PCB070	A3W4062070	TV MT PCB ASS'Y (VERSION A) CME073B	A3W4092070	TV MT PCB ASS'Y (VERSION B) CME073B
IC2408	S3W2018F01	MEMORY DATA SST39VF1681-70-4C-EKE	S3W202YF02	MEMORY DATA SST39VF1681-70-4C-EKE
PCBDH0	A3W4012DH0	DIGITAL PCB ASS'Y (VERSION A) CEE139B	A3W4092DH0	DIGITAL PCB ASS'Y (VERSION B) CEE139B

TV MT PCB's and DIGITL PCB's are not interchengeable.

IC199 memory data

WHEN REPLACING EEPROM (MEMORY) IC

INIT	From	To
1E	AA	00

CONFIRMATION OF CHECK SUM, POWER ON TOTAL HOURS, MICON VERSION AND DIGITAL TV MICON FIRMWARE VERSION

Initial total of MEMORY IC, POWER ON total hours, MICON VERSION and Digital TV MICON Firmware VERSION can be checked on the screen. Total hours are displayed in 16 system of notation.

NOTE: If you set a factory initialization, the total hours is reset to "0".

Please refer to "CONFIRMATION OF INITIAL DATA" when SUM DATA is not corresponding.

1. Turn on the POWER, and set to the TV mode.
2. Set the VOLUME to minimum.
3. Press both VOL. DOWN button on the set and Channel button (8) on the remote control for more than 2 seconds.
4. After the confirmation of each check sum, power on total hours, micon version and Digital TV MICON Firmware version, turn off the power.

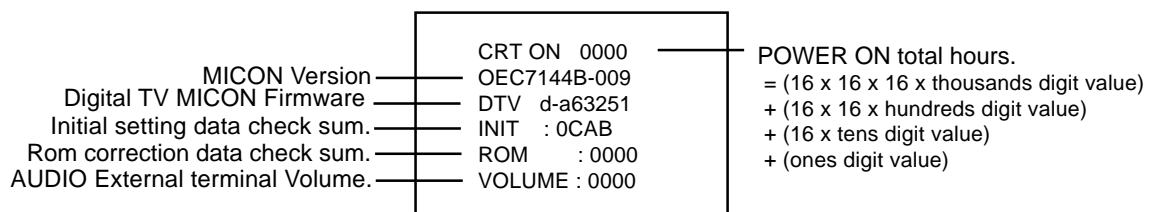


FIG. 1

CONFIRMATION OF INITIAL DATA

1. Enter DATA SET mode by setting VOLUME to minimum.
2. Press both VOL. DOWN button on the set and Channel button (6) on the remote control for more than 2 seconds. ADDRESS and DATA should appear as FIG 2.
3. ADDRESS is now selected and should "blink". Using the UP/DOWN button on the remote, step through the ADDRESS until required ADDRESS to be changed is reached.
4. Press RIGHT/LEFT button to select DATA. When DATA is selected, it will "blink".
5. Again, step through the DATA using UP/DOWN button until required DATA value has been selected.
6. Pressing RIGHT/LEFT button will take you back to ADDRESS for further selection if necessary.
7. Repeat steps 3 to 6 until all data has been checked.
8. When satisfied correct DATA has been entered, turn POWER off (return to STANDBY MODE) to finish DATA input.

After the data input, set to the initializing of shipping.

9. Turn POWER on.
10. Press both VOL. DOWN button on the set and Channel button (1) on the remote control for more than 2 seconds.
11. After the finishing of the initializing of shipping, the unit will turn off automatically.

The unit will now have the correct DATA for the new MEMORY IC.

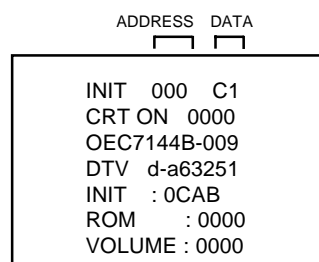


FIG. 2

ORION SALES, INC.
HIGHWAY 41
ORION PLACE
PRINCETON, INDIANA 47670
