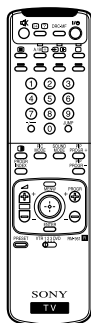


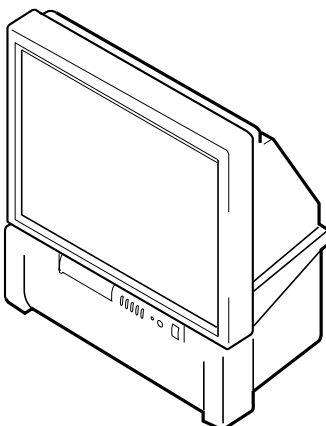
SERVICE MANUAL

RG-3A CHASSIS

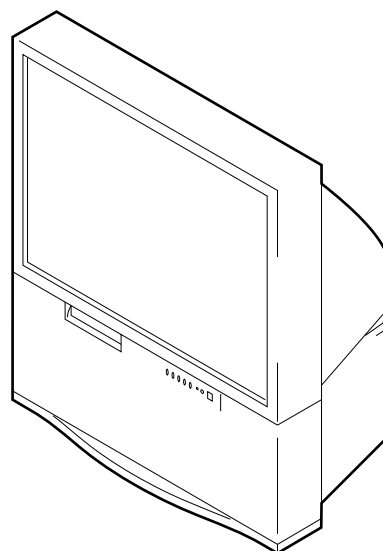
<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>	<u>CHASSIS NO.</u>
KP-ER43M31	RM-961	AUS	SCC-P87A-A
KP-ER43M61	RM-961	GE	SCC-P85A-A
KP-ER43M90	RM-961	HK	SCC-P84A-A
KP-ER43M91	RM-961	ME	SCC-P86A-A



RM-961



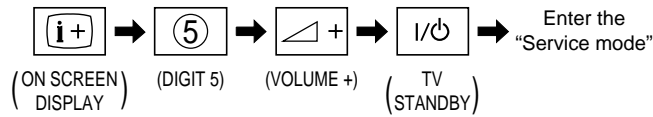
KP-ER43M31/ER43M61
/ER43M90/ER43M91



KP-ER53M31/ER53M61
/ER53M90/ER53M91

5-1-2. How to Enter Service Mode

1. Turn on the main power switch to place this set in standby mode. (LED will light in red.)
2. Press the buttons on the commander as follows, and enter service mode.

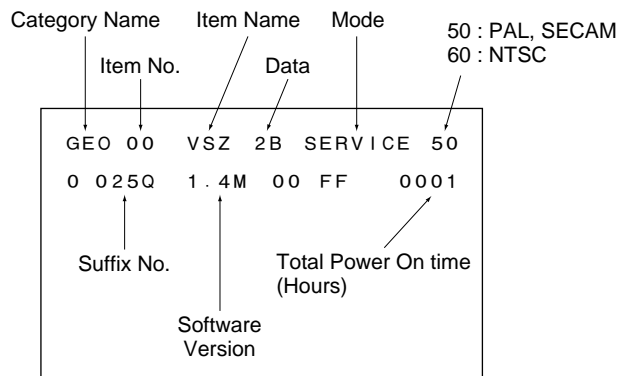


5-1-3. Method of Cancellation from Service Mode

1. Set the standby mode (Press "I/⏻ (TV STANDBY)" button on the commander), then press "I/⏻ (TV STANDBY)" button again, hereupon it becomes TV mode.

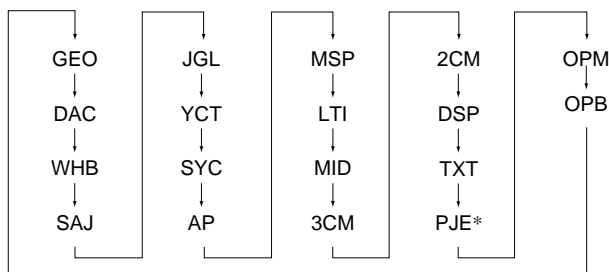
5-1-4. How to Adjustments

1. Set in the service mode, the following screen will appear.



2. Press "①" or "④" button on the commander to select the adjustment item.
3. Press "③" or "⑥" button on the commander to change the adjustment data.
4. Move "⬆" up or down to select the adjustment category.

When move "⬆" up (category up), service mode changes in the order as shown below.



* : When it moves from PJE to other categrys, repeat ① or ④ button and press it.

5-1-5. How to Write the Data

1. Set in the service mode.
2. Press "①" or "④" button on the commander, select the adjustment item, and press "③" or "⑥" button to change the data.
3. Press "⏻ (MUTE)" button on the commander and it will indicate "WRITE" on the screen.
4. Press "⑩" button on the commander to write into memory. (The "WRITE" display will be changed to red color while executing, and back to "SERVICE".)

Commander Function (Except PJE mode)

Button	Mode	Description
⏻ + ⑩	WRITE	Writes data to NVM.
⑦ + ⑩	READ	Reads data from NVM.
⑧ + ⑩	NORMAL	All user control goes to the standard.
⑤ + ⑩	INITIAL	Service data initialization. Not stored. (Be sure not to use usually)
② + ⑩	COPY	Copies and writes data of DRC1250 (50Hz) mode to all other modes.
⏻ + ⑩	WRT5060	Copies data of 50 Hz (PAL) mode to 60 Hz (NTSC) mode.

Note : Before changing to other modes, press "⏻ (MUTE)" + "⑩" buttons on the commander to write the data.

(Omission of this operation causes the data to be returned to the data before adjustment.)

: Confirm the adjustment mode before writing data for data values because to vary in each adjustment mode.

: The adjustment item that there are no relations in the adjustment is not to change data values because all items are written in each adjustment mode.

5-1-6. Memory Write Confirmation Method

1. After adjustment, pull put the plug from AC outlet, and then plug into AC outlet again.
2. Turn the power switch ON and set in service mode.
3. Call the adjustment items again to confirm adjustments were made.