

JVC

SERVICE MANUAL

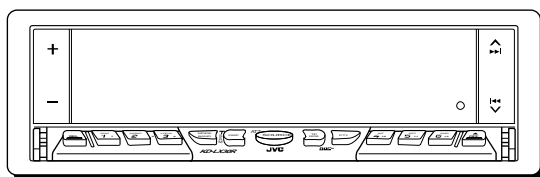
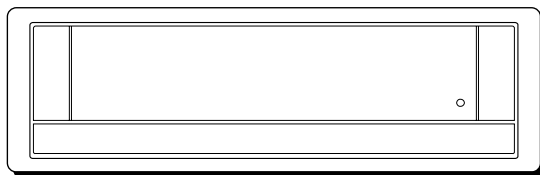
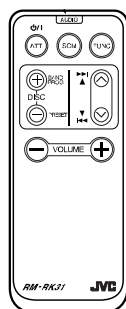
CD RECEIVER

KD-LX30R

KD-LX10R

Area Suffix

E ---- Continental Europe








	Line IN	Sub Woofer	Remote controller
KD-LX30R	○	○	○
KD-LX10R	×	×	×

Contents

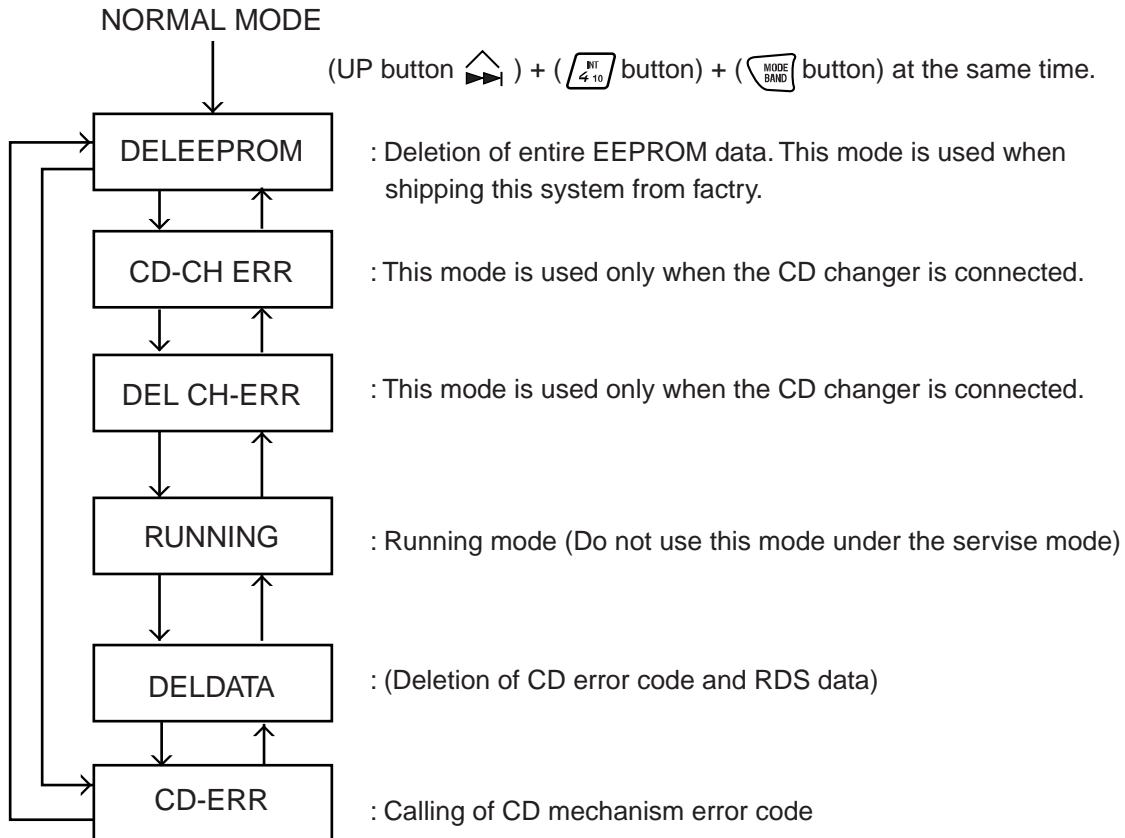
Safety precaution	1-2	Functions of the mechanism under the service mode	2-18
Preventing static electricity	1-3	Flow of functional until TOC read	2-20
Instructions	1-4~22	Description of major ICs	2-22
Disassembly method	2-1	Block diagrams	2-41
Adjustment method	2-13	Standard schematic diagrams	2-43
Maintenance of laser pickup	2-14	Printed circuit board	2-47,48
Replacement of lase pickup	2-14	Parts list	3-1~17
Extention cord connecting method ..	2-15		

Functions of the mechanism under the service mode

With the three error modes stored in maximum in the internal memory of the mechanism in the body of this system, it is possible under the service mode to call the contents of error according to the following steps when any error has occurred.

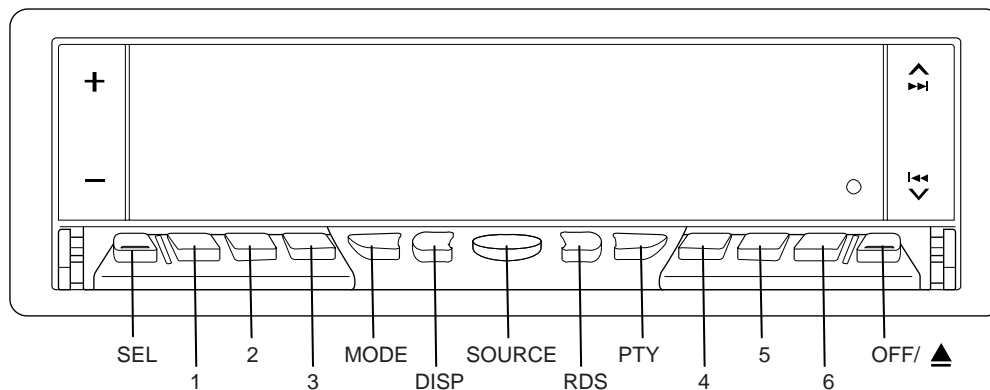
Press the three buttons (UP button ) + ( button) + (Func button ). Then it is possible to select the following service modes. After changing over to the service mode, press the UP button  and DOWN button  to change the mode. For executing the respective service modes, press the SEL button.

With the service mode 2 , it is possible to call the error codes of the mechanism.



Data stored in EEPROM

1. RDS data
 2. CD mechanism error cord
 3. Station name (to be input by user)
 4. DISC name (to be input by user)
 5. AUX input name (application only to KD-LX30)
- *Any data 3 to 5 above should not be deleted.



1. Display of mechanism error

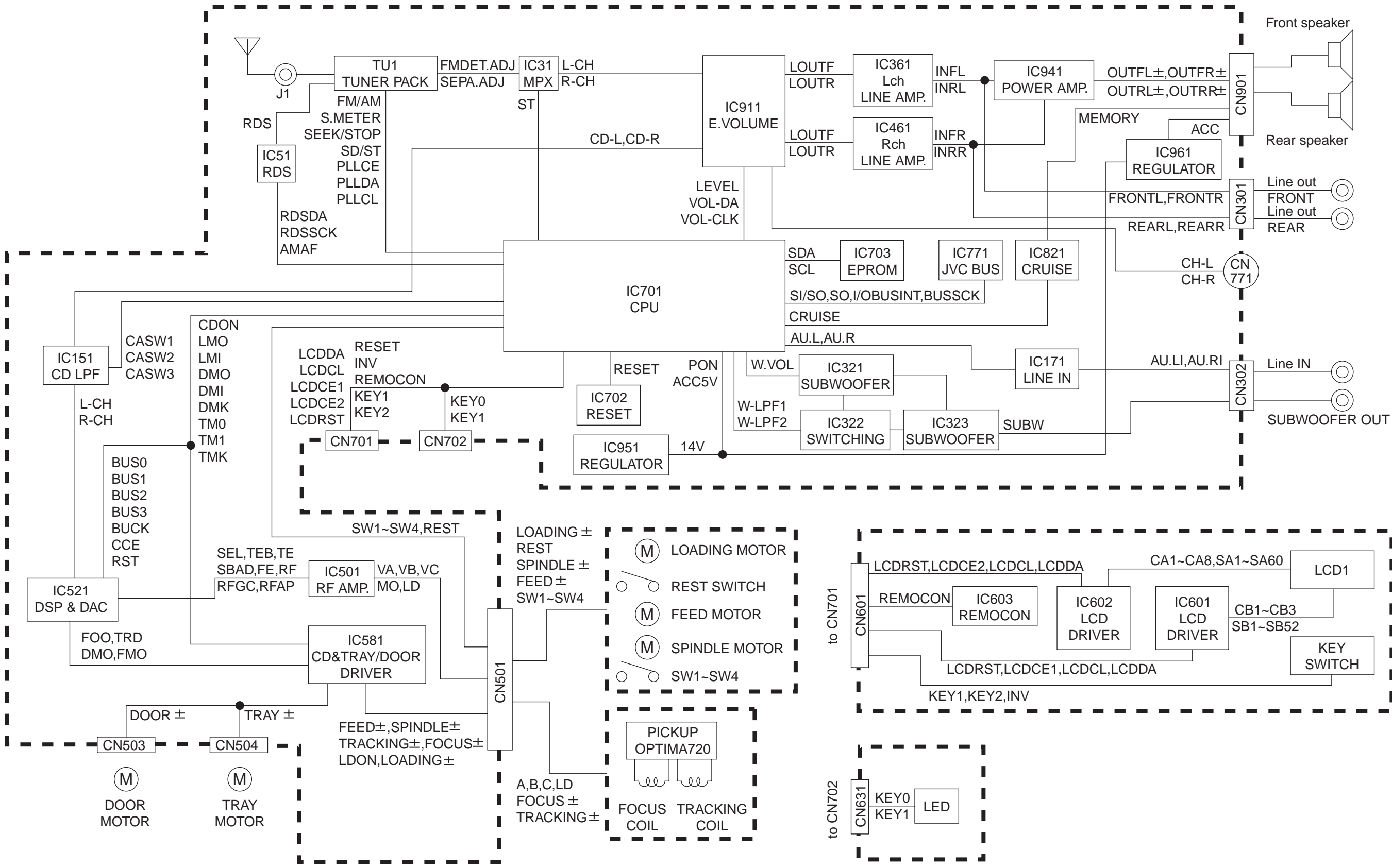
Occurrence condition	Description	Error codes
Disc loading error	1. SW4 is not turned off. 2. SW3 is not turned on.	09 0011 09 0013
Eject error	1. SW# is not turned off.	01 0021
Error during standby for loading	1. In case SW2 has been positioned to "L" before starting loading during waiting for 15sec.	80 0031

2. Display of CD error

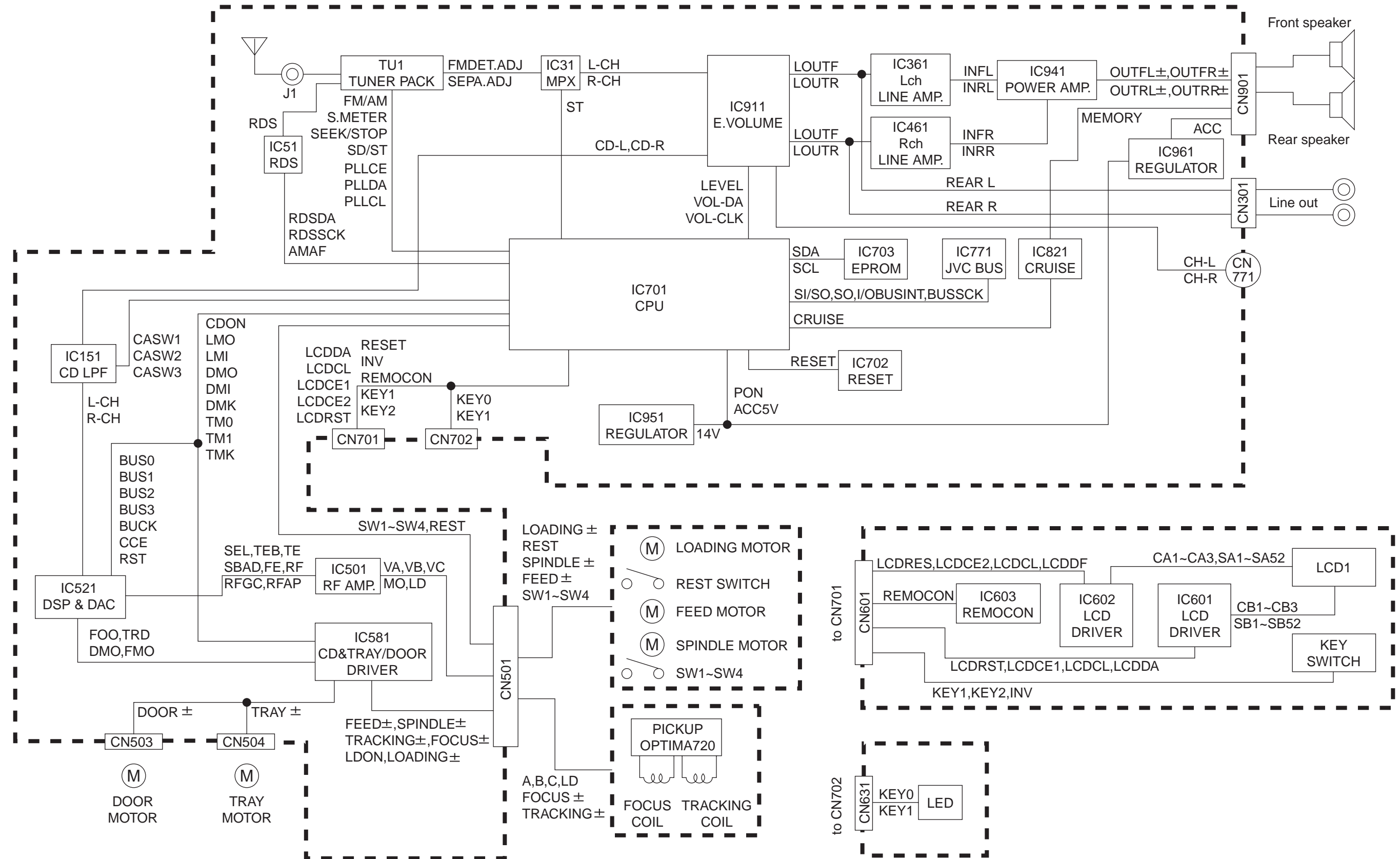
Occurrence condition	Description	Error codes
Pickup feeding error 1. Inner peripheral feeding error (10sec.) 2. Outer peripheral feeding error (10sec.)	The pickup cannot returned to the inner peripheral, and the REST switch is not turned off. The pickup cannot be returned to the outer peripheral, and the REST switch is not turned off.	04 0051 04 0052
Focus search error In the case of focusing error after 3-way focus searching	In case the focus cannot be searched by one set of focus searching (3-way focus searching) after disc change and focus shock, judge that the focus searching system is in error.	81 0053
Tracking balance adjusting error In the case of time-over (1sec.) of timer	In case tracking balance cannot be adjusted even after elapse of 1sec. following execution of the adjusting command (TBA).	82 0054
TOC area searching error In the case of time-over (10sec.) of timer Reading error IN the case of time-over (30sec.) of timer	In case TOC area searching is not ended even after elapse of 10sec. In case reading is not ended even after elapse of 30 sec. during TOC reading action.	82 0055 84 0059
1st tracking access error In the case of time-over (10sec.) of timer	In case the first tracking access is not ended even after elapse of 10sec. following completion of TOC reading.	80 0060
Last tracking access error In the case of time-over (10sec.) of timer	In case the last tracking access is not ended even after elapse of 10sec. following completion of first tracking under the RUNNING mode.	80 0061
Q code reading error In the case of time-over (0.6sec.) of timer	In case the Q code cannot be read for 0.6sec. during playing TOC program area.	80 0062
TEXT data reading error	In case all TEXT data cannot be read.	80 0063

Block diagrams

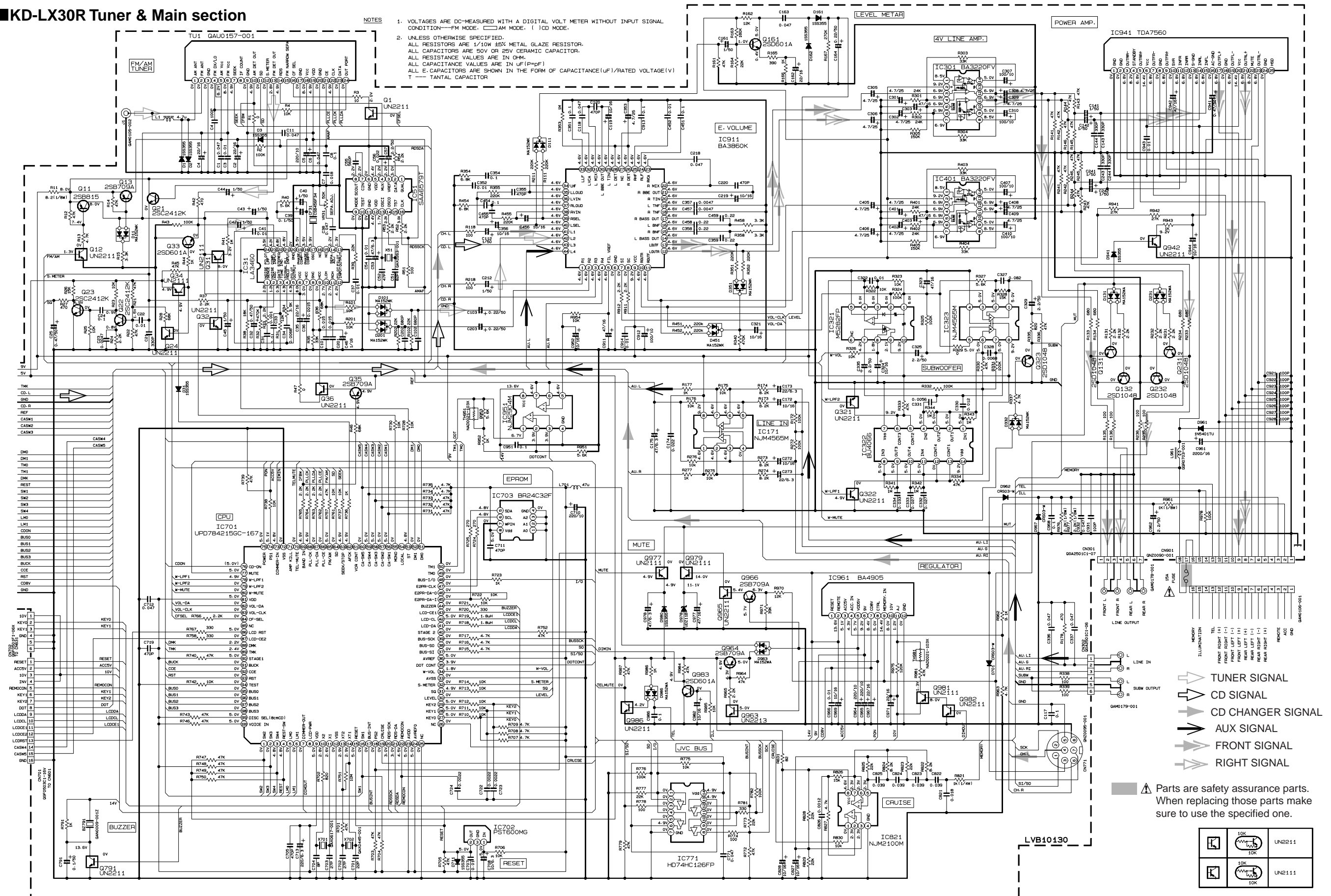
■KD-LX30



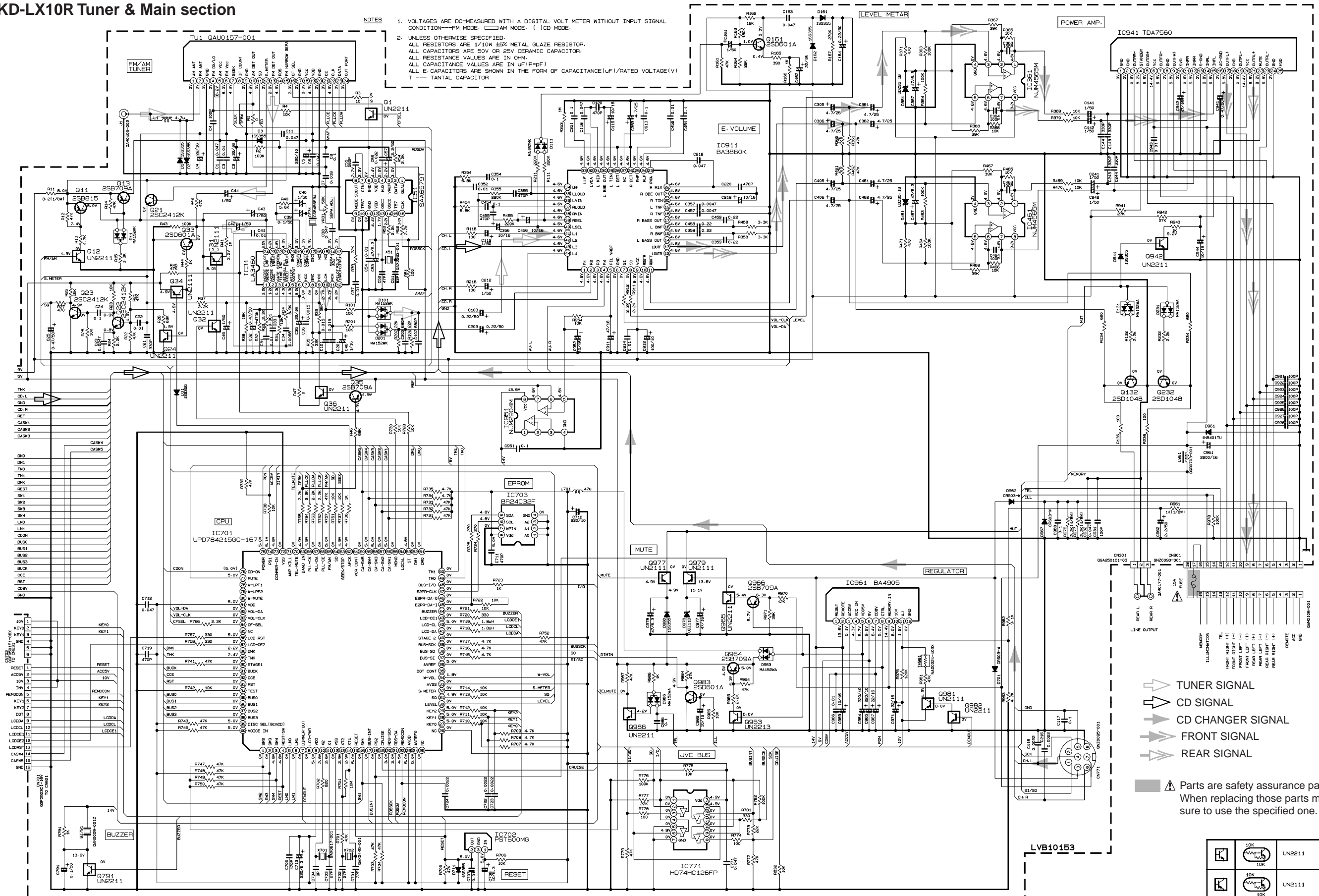
■KD-LX10



■KD-LX30R Tuner & Main section



■ KD-LX10R Tuner & Main section



■KD-LX10R CD & LCD section

