

Technical Information

TABLE OF ERROR CODES for Audio Products

1. Quick Reference of Error Codes

<Classified and Coded Troubles>

U group : Those repairable by users

H group : Those to be repaired by dealers

F group : Those to be repaired by service specialists

Group	Block	No.	Trouble or Defective Part
U	General	U01	Battery
		U02	Power plug slipped out
		U70	T-bus not connected
H	Cassette Mechanism	H01	Mode switch, plunger, or capstan motor defective
		H02	Recording detect switch defective
		H03	Half switch defective
		H04	Open switch defective
		H05	Close switch defective
		H06	CrO ₂ detect switch defective
		H07	Metal detect switch defective
	CD	H15	Open switch defective
		H16	Close switch defective
		H17	Half open switch defective
F	Cassette Mechanism	F01	Reel pulse unusual
		F02	TPS defective
		F03	Reel motor defective (Motor, IC, gear, etc.)
	CD	F15	Rest switch defective
		F16	Up switch defective
		F17	Down switch defective
		F18	Turret rotation not properly detected
		F19	Motor rotation not properly detected
		F20	Loading motor rotation not properly detected
		F21	Loading motor rotation not properly reversed
		F22	Loading motor or mechanism defective
		F23	Solenoid or solenoid mechanism defective
		F24	Half open switch defective
		F25	Full open switch defective
		F26	Communication between CD servo LSI and microcomputer faulty
		F27	Slide action unusual (Position switch defective)
		F28	Failure in disc loading
		F29	Failure in disc unloading
		F30	Disc sensor defective
		Tuner	F56
	F57		PLL unlocked during transmission
	F58		Failure in ID-ROM reading
	Amp	F61	Power amplifier output unusual
		F66	CCRT defective 1 (in recording of test signal)
		F67	CCRT defective 2 (in playback of test signal)
		F68	Playback adjustment faulty
		F69	Recording/playback select switch defective
		F70	Communication between peripheral LSI and microcomputer faulty
	CD	F75	Failure in CD power supply
	Mechanism	F85	Open switch defective (cobra, etc.)
F86		Close switch defective (cobra, etc.)	

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

2. DESCRIPTION OF ERROR CODE

(1) CD Stereo System (MODEL: SC-CH34, CH74, CH75, AK20, AK40, AK50, AK60)

< Cassette Mechanism Block >

Error code	Symptom	Remedy (Check and replace)
H01	Irregular action cassette mechanism	Cassette mechanism mode switch Plunger
H02	No recording	1. Record detect switch. 2. Erasure prevention tab detect switch
H03	Pressing the PLAY button fails to play the tape.	Cassette half detect switch.
F01	When the PLAY button is pressed, the tape runs a little and stops soon.	Hall IC.
F02	TPS dose not operate.	PLAY BACK AMP IC.

< 5 CD Changer mechanism Block >

Error code	Symptom	Remedy (Check and replace)
F15	CD dose not function.	REST switch.
F16	CD dose not function.	Traverse up detection switch.
F25	Tray dose not stay open.	Tray open detection switch.
F26	CD dose not function.	1. System control 2. Servo processor
F27	Tray number dose not detect correctly.	Tray number detection switch.
F28	CD loading mechanism dose not move correctly.	1. Stocker position detection switch 2. Play position detection switch.
F75	CD dose not function.	1. Amplifier output IC or servo 2. Servo processor IC.

< Power Supply Block >

Error code	Symptom	Remedy (Check and replace)
F61	When the power switch is switched on, it automatically switches back off, making it impossible to switch power on.	Faulty amplifier output IC or fan motor. (Check and replace)

(2) Video CD Changer (MODEL: SL-VM500, VM505, VM510)

Error code	Symptom	Remedy (Check and replace)
H15	CD tray dose not open or close.	1. Loading motor 2. Motor drive IC(IC501)
H16	CD tray dose not open or close.	3. Open/Close detect switch(S551)
F18	The rotary turret continues to turn at the initial position without stopping.	Optical sensor (D501)
F26	"F26" remains on the FL display, rendering the controls inoperative.	1. System control(IC401) 2. Servo processor(IC702) 3. FFC

(3) CD Mega Changer (MODEL: SL-MC50,MC59,MC60,MC300,MC400,MC409,MC410,MC700
SC-CH64M,AK70,AK90)

Error code	Symptom	Remedy (Check and replace)
F15	CD does not function.	Rest detect switch(S701)
F26	CD does not function.	1. System control IC(IC401) 2. Servo circuit.
F27	Tray number does not detect correctly.	1. Slide motor(M511), position sensor 2. Position sensor(Q522,D522) 3. Speed sensor(D511)
F28	CD loading mechanism dose not move correctly.	1. Clamp det./FREE switch(S503), 2. Clamp switch(S502) 3. loading motor(M501)
F29	CD unloading mechanism dose not move correctly.	4. Loading system

(4) Portable CD Player (MODEL: SL-S120,S125,S220,S225,S280,S318,S320,S450,S480)

Error code	Symptom	Remedy (Check and replace)
F15	CD does not function.	Rest detect switch(S202)

(5) Cassette Deck (MODEL: RS-TR373,TR474,TR575,BX501,BX601)

Error code	Symptom	Remedy (Check and replace)
H01	Irregular action of cassette mechanism.	Cassette mechanism mode switch (S971,S971A)
H02	No recording.	Erase preventing switch (S974,S974A,S975,S975A)
H03	Does not playback	Cassette half detect switch(S972,S972A)
H04	The cassette holder will not open or close when the OPEN/CLOSE button pressed.	Cassette holder open/close detect switch(S803,S804,S853,S854)
H05		
H06	No treble is produced when a normal tape is played or recorded.	Auto tape select(CrO2) detect switch (S973,S973A)
H07	Excessive treble is produced when a CrO2/Metal tape is played or the recorded treble is destroyed and at a low level.	Auto tape select(Metal) detect switch (S976,S976A)
F01	When the PLAY button is pressed, the tape runs a little and stops soon.	Hall IC(IC971,971A,972,972A)
F02	TPS does not operate.	Playback Amp. IC(IC 2)
F03	The unit does not operation.	Reel motor.

(6) CD Radio Cassette (MODEL: RX-ED70,ED77,ED90)

Error code	symptom	Remedy (Check and replace)
U01	When operating on batteries, power goes off immediately after being turned on.	Batteries.
U02	Power cannot be switched on.	1. AC power cord 2. Batteries
H01	Cassette deck does not operate correctly	Cassette mechanism mode switch (S951,S971)
H02	No recording.	Erase prevention tab detect switch (S974,S975)
H03	Does not playback.	Tape detect switch(S952,S972)
H15	The CD tray closes immediately after it is opened.	CD tray open detection switch(S790)
H16	The CD tray opens immediately after it is closed.	CD tray close detection switch(S791)
F01	When the PLAY button is pressed, the tape runs a little and stops soon.	Hall IC
F02	TPS does not operate.	1. Rec/Play EQ Amp. IC(IC302) 2. TPS Drive Tr.(Q322) 3. Solenoid Drive Tr.(Q605,Q606)
F15	CD does not function.	Rest detect switch(S701)
F26	CD does not function.	1. System control IC 2. Servo processor IC
F75	When a CD is loaded, "NO DISC" is displayed and the CD does not play.	1. CD circuit power supply 2. Servo processor IC