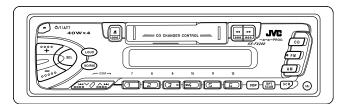
JVC

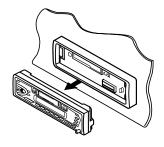
SERVICE MANUAL

CASSETTE RECEIVER

KS-FX288







Are	ea Suffix
UF	China

Contents

Safety precaution	1- 2
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Safety precaution

↑ CAUTION Burrs formed during molding may be left over on some parts of the chassis. Therefore, pay attention to such burrs in the case of preforming repair of this system.

Disassembly method

■Detaching the front panel unit

(See Fig.1)

Push the Release button in the direction of arrow to detach the front panel unit.

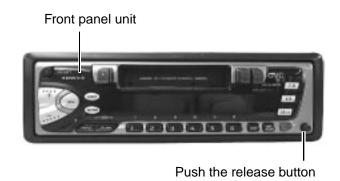


Fig. 1

■Removing the front chassis

(See Fig. 2 and 3)

Disengage the four tabs (a) in the right and left sides of unit and pull the front chassis forward to remove it.

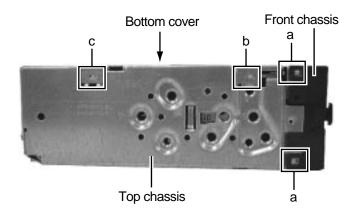
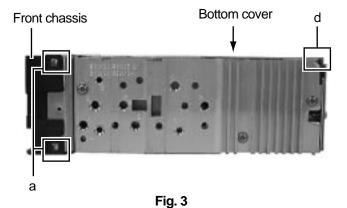


Fig. 2

■Removing the bottom cover

(See Fig. 2 to 4)

- 1. Removing the front chassis.
- 2. Turn the unit up side down.
- 3. Insert the four engagements (b, c, d, e) to the screwdriver.
- 4. Turn the screwdriver and remove the bottom cover.



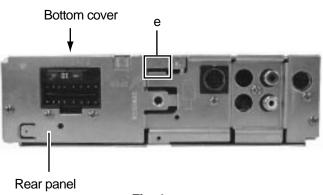


Fig. 4

■Removing the heat sink (See Fig.5)

- 1. Removing the front chassis.
- 2. Removing the bottom cover
- 3. Remove the three screws (1 and 1') retaining the heat sink.

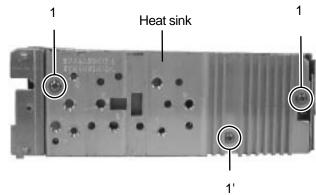


Fig. 5

■Removing the main board assembly

(See Fig. 5 to 7)

- 1. Removing the front chassis.
- 2. Removing the bottom cover.
- 3. Removing the heat sink.

Attach the heat sink with a screw (1') on operating checks.

- 4. Remove the two screws (2) retaining the main board assembly.
- 5. Remove the six screws (3) and one screw (3') retaining the rear panel.
- 6. Separate the main board assembly and cassette mechanism assembly.
- 7. Take out the main board assembly.

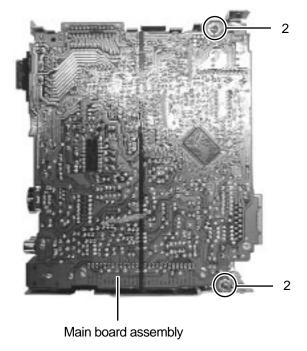


Fig. 6

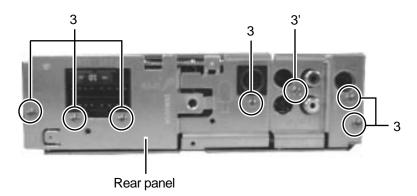


Fig. 7

■Removing the cassette mechanism assembly

(See Fig. 8)

- 1. Removing the front chassis.
- 2. Removing the bottom cover.
- 3. Removing the heat sink.
- 4. Removing the main board assembly.
- 5. Remove the four screws (4) retaining the cassette mechanism.
- 6. Separate the top chassis and cassette mechanism.

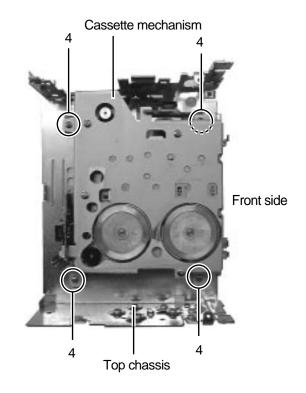


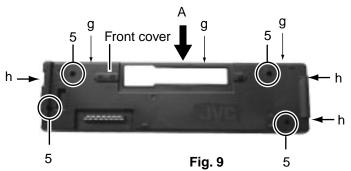
Fig. 8

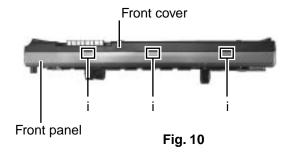
■Removing the operation switch board

(See Fig. 9 to 11)

- 1. Detaching the front panel unit.
- 2. Turn the front panel back side down.
- 3. Remove the four screws (5) retaining the front cover
- 4. Open the front cover gradually by disengaging the three engagements (g) while pushing the top of the front cover in the arrow "A" direction, then disengage the three engagements (h) on the both sides.
- 5. Place the front panel unit front side down.
- 6. Disengage the three engagements (i) on the bottom to separate the front cover from the front panel.

(Be careful not to lose the button springs.)





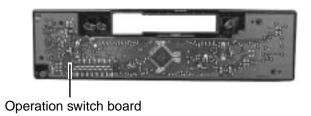


Fig. 11

■Removing the head amplifier board

(See Fig. 12)

- 1. Removing the front chassis.
- 2. Removing the bottom cover.
- 3. Removing the heat sink.
- 4. Removing the main board assembly.
- 5. Removing the cassette mechanism.
- 6. Remove the screw (6) retaining the head amplifier board.
- 7. Shift the two inter rocking sections (j) securing the head amplifier board in the direction shown by the arrow "B" to remove the printed circuit board.
- From the connector CJ901 on the head amplifier board from connector wire out going to the head relay board.

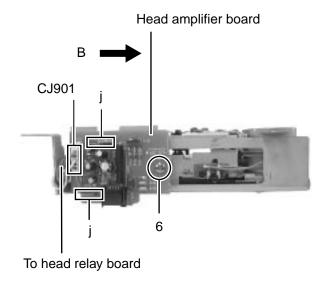


Fig. 12

■Removing the chassis assembly

(See Fig. 13 and 14)

- 1. Removing the front chassis.
- 2. Removing the bottom cover.
- 3. Removing the heat sink.
- 4. Removing the main board assembly.
- 5. Removing the cassette mechanism.
- 6. Removing the head amplifier board.
- 7. Turn the left side to cassette mechanism.
- 8. Remove the screw (7) retaining the relay board.
- 9 Shift the one inter rocking sections (k) securing the relay board in the direction shown by the arrow "C" to remove the printed circuit board.
- Turn the back side down, remove the four screws
 (8) retaining the chassis assembly.

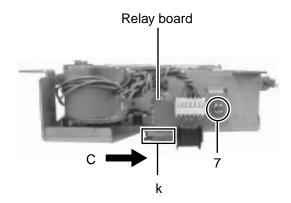


Fig. 13

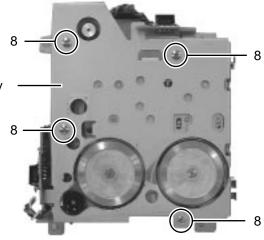


Fig. 14

<Cassette mechanism assembly>

 Prior to performing the following procedures, remove the head amplifier board, the relay board and the mechanism bracket.

■ Removing the direction switch board (See Fig.1)

- Unsolder the three wires a on the direction switch board.
- Remove the one screw A attaching the direction switch board.

■ Removing the FF / REW lever assembly (See Fig.1)

- Remove the screw B attaching the FF / REW lever assembly on the back of the cassette mechanism assembly.
- 2. Remove the screw **C** on the upper side of the FF / REW lever assembly.
- 3. Lift and pull forward the FF / REW lever assembly to disengage the joints **b**, **c**, **d** and **e**.

■ Reattaching the FF / REW lever assembly (See Fig.1)

- Reattach the FF / REW lever assembly to the joint c on the back of the chassis.
- 2. Reattach the pinch-roller shaft **e**, the change lever **d** and the return link **e** to the chassis.

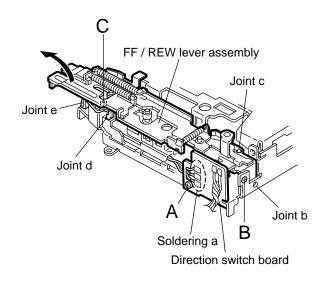
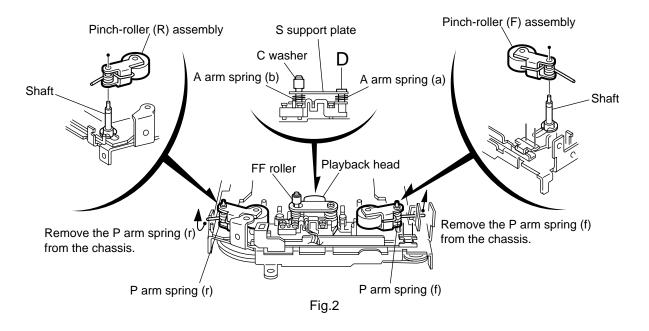


Fig.1



■ Removing the playback head (See Fig.2)

- Prior to performing the following procedure, remove the direction switch board and the FF / REW lever assembly.
- 1. Remove the screw **D** attaching the playback head.
- 2. Remove the C washer and pull out the FF roller.
- 3. Remove the S support plate, the A arm spring (a) and (b), the playback head.

ATTENTION: The A arm spring (a) differs from the A arm spring (b).

■ Removing the pinch-roller (R) and (F) assembly (See Fig.2)

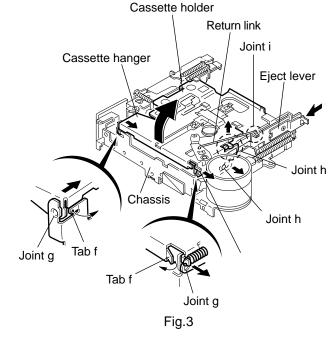
- Prior to performing the following procedure, remove the direction switch board and the FF / REW lever assembly.
- 1. Remove the P arm spring (f) in the pinch-roller (F) assembly from the chassis.
- 2. Remove the P arm spring (r) in the pinch-roller (R) assembly from the chassis.
- Draw out the pinch roller (F) and (R) assembly from the shaft.

ATTENTION: The P arm spring (f) differs from the P arm spring (r).

ATTENTION: The pinch roller (F) assembly differs from the pinch roller (R) assembly.

■ Removing the cassette hanger / cassette holder (See Fig.3)

- Prior to performing the following procedure, remove the FF / REW lever assembly.
- 1. From the rear of the unit, bend the two tabs **f** outwards and disengage the two joints **g** in the direction of the arrow.
- Push the eject lever and remove the cassette holder from the playback head. Disengage the two joints h of the cassette hanger / cassette holder and the eject lever in the direction of the arrow.
- 3. Lift the cassette hanger / cassette holder and disengage the joint i of the return link and the eject lever.



■ Removing the reel disc assembly (See Fig.4)

- Prior to performing the following procedure, remove the FF / REW lever assembly and the cassette hanger / cassette holder.
- 1. Remove the C washer and pull out reel disc assembly.

ATTENTION: Replace with a new C washer when reattaching.

C washer C washer

Fig.4

■ Removing the motor assembly

(See Fig.5)

1. Unsolder the two wires **j** on the motor assembly.

ATTENTION: To replace the sub-belt, remove the main belt and the sub-belt from the motor pulley. Then remove the three screws **E** and one screw **F**. Replace with a new sub-belt while lifting the reel base assembly slightly.

Turn over the cassette mechanism assembly and remove the main belt and the sub-belt from the motor pulley.

ATTENTION: The main belt can now be removed.

3. Remove the two screws **G** attaching the motor assembly.

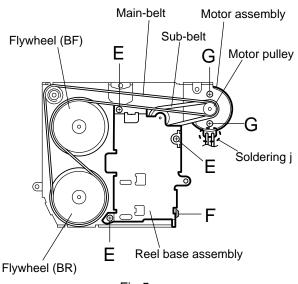


Fig.5

■ Removing the Flywheel (BF) and (BR) assembly (See Fig.4 and 5)

- Prior to performing the following procedure, remove the cassette hanger / cassette holder.
- 1. From the upper side of the cassette mechanism assembly, remove the C washer from each shaft of the flywheel (BF) and (BR).
- 2. Turn over the cassette mechanism assembly and remove the main belt. Pull out the flywheel (BF) and (BR) downward respectively.

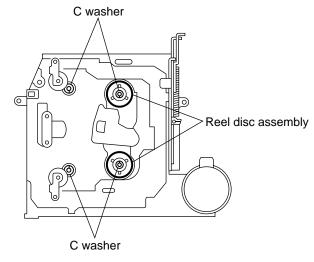
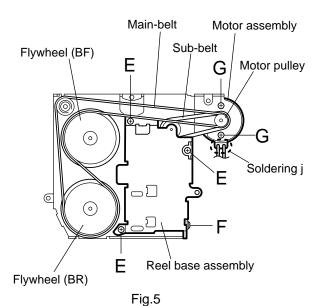


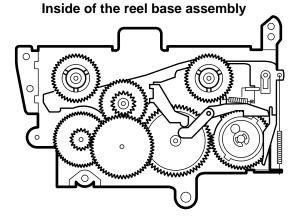
Fig.4

■ Removing the reel base assembly (See Fig.5 and 6)

- Raise the part k of the reel base assembly slightly and remove the selector link (B) on the front side of the cassette mechanism assembly by turning it as shown in Fig.10.
- Remove the three screws E and the one screw F on the underside of the cassette mechanism assembly.

ATTENTION: The reel base assembly is not repairable. Handle with care.





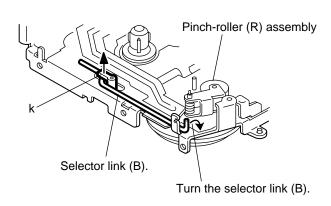


Fig.7 Fig.6

1-10

■Removing the mute switch board

(See Fig.8)

- 1. Unsolder the two wires I on the mute switch board on Cassette mechanism assembly the back of the cassette mechanism assembly.
- 2. Remove the screw **H** attaching the mute switch board.

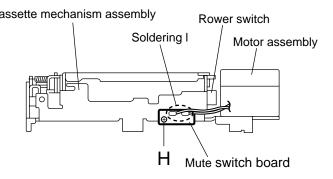


Fig.8

■ Removing the power switch (See Fig.9)

- Prior to performing the following procedure, remove the motor assembly.
- 1. Unsolder the two wires **m** on the power switch on the side of the cassette mechanism assembly.
- 2. Remove the screw I attaching the power switch.

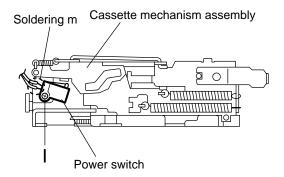


Fig.9

Adjustment method

■Test Instruments regired for adjustment

- 1. Digital osclloscope(100MHz)
- 2. Frequency Counter meter
- 3. Electric voltmeter
- 4. Wow & flutter meter
- 5. Test Tapes

VT724 for DOLBY level measurement
VT739 For playback frequency measurement
VT712 For wow flutter & tape speed measurement
VT703 For head azimuth measurement
6. Torque gauge Cassette type for CTG-N
(mechanism adjustment)

■ Measuring conditions (Amplifier section)

Power supply voltage	DC14.4V (10.5 - 16V)
Load impedance	4Ω (2Speakers connection)
Line out	20kΩ

■Standard volume position

 ${\bf Balance\ and\ Bass, Treble\ volume\ . Fader}$

:Center(Indication"0")

Loudness, Dolby NR, Sound, Cruise: Off

Volume position is about 2V at speaker output with following conditions. Playback the test tape VT721.

AM mode 999kHz/62dB,INT/400Hz,30%

modulation signal on recieving.

FM mono mode 97.9MHz/66dB,INT/400Hz,22.5kHz

deviation pilot off mono

FM stereo mode 1kHz,67.5kHz dev. pilot7.5kHz dev.

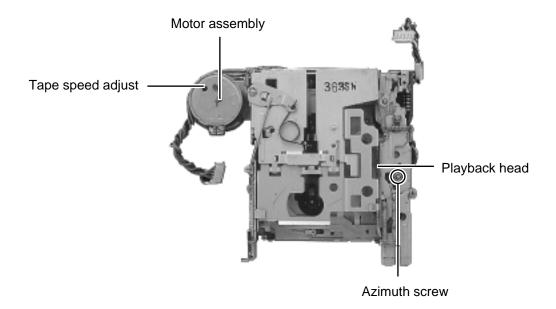
Output level $0dB(1\mu V,50 \Omega / open terminal)$

■Frequency Band

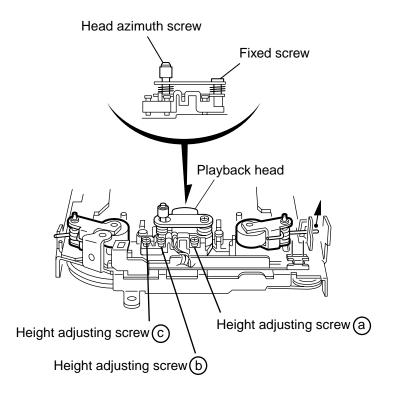
Pand	FM	87.5-108MHz	50KHz step
Band	AM	531-1602KHz	9KHz step

■Arrangement of adjusting & test points

Cassette mechanism (Surface)



Head section view



■Information for using a car audio service jig

- 1. For 1995 and 1996, we're advancing efforts to make our extension cords common for all car audio products. Please use this type of extension cord as follows.
- 2. As a U-shape type top cover is employed, this type of extension cord is needed to check operation of the mechanism assembly after disassembly.
- 3. Extension cord : EXTKSRT002-6P (6 pin extension cord) For connection between mechanism assembly and main board assembly.
 - Check for mechanism driving section such as motor ,etc..

■Disassembly method

- 1. Remove the bottom cover.
- 2. Remove the front panel assembly. Cassette mechanism 3. Remove the top cover. 4. Install the front panel. 5. Confirm that current is being carried by connecting an extension cord jig. Note Available to connect to the CN701 connector when installing the front panel. Extension cord : EXTKSRT002-6P Main board Front panel assembly

EXTKSRT002-6P

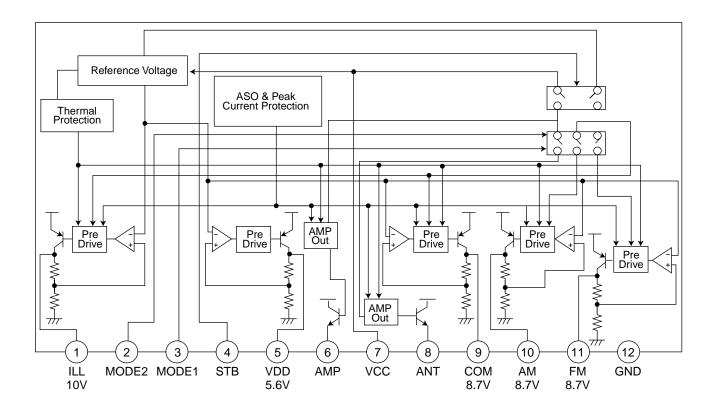
■Mechanism adjustment section

Item	Adjusting & Confirmation Methods	Adjust	Std. value
1.Head azimuth	"Head Height Adjustment" Note Adjust the azimuth directly. When you adjust the height using a mirror tape, remove the cassette housing from the mechanism chassis. After installing the cassette housing, perform the azimuth adjustment.	Head shield	A Line
	 1.load the mirror tape (SCC-1659). Adjust with height adjustmentscrew (a) and azimuth adjustment screw (b) so that line "A" of the mirror tape runs in the center between Lch and Rch in the reverse play mode. 2.After switching from REV to FWD then to REV, check that the head position set in procedure "1" is not changed. *If the position has shifted, adjust again and check. 3.Adjust the azimuth screw (b) so that line "B" of the mirror tape runs in the center between Lch and Rch in the forward 	The head is at during FWD. Head shield	low position B Line
	"Head Azimuth Adjustment" 1.Load the test tape (VT724: 1kHz) and play it back in the reverse play mode. set the Rch output level to maximum. 2.Load the test tape (VT703: 10kHz) and play it back in the forward play mode. Adjust the Rch and Lch output levels tomaximum, with azimuth adjustment screw (b). In this case, the phase difference should be within 45°. 3.Engage the reverse mode and adjust the output level to maximum, with azimuth adjustment screw (c). *The phase difference should be 45_Kor more. 4.When switching between forward and reverse modes, the difference between channels should be within 3dB. *Between FWD Lch and Rch, REV Lch and Rch. 5.When the test tape (VT721: 315Hz) is played back, the level difference between channels should be within 1.5dB.	The head is at he during REV. Head azimuth screw screw (c) screw (b) 0° Phase	Fixed screw
2.Tape Speed and Wow & Flutter	1. Check to see if the reading of the frequency counter & Wow flutter meter is within 2940-3090 Hz(FWD/REV), and less than 0.35% (JIS RMS). 2. In case of out of specification, adjust the motor with a built-in volume resistor.	Built-in volume resistor	Tape speed 2940-3090Hz Wow&Flutter Less than 0.35% (JIS RMS)
3.Playback Frequency response	 Play the test tape (VT724: 1kHz) back and set the volume position at 2V. Play the test tape (VT739) back and confirm 0±3dB at 1kHz/8kHz and -4+2dB at 1kHz/125Hz. When 8kHz is out of specification, it will be necessary to read adjust the azimuth. 		Speaker out 1kHz/8kHz : 0dB_}3dB, 125Hz/1kHz : -4dB+2dB,

Description of major ICs

■ AN80T05LF (IC781) : Regulator

1.Terminal layout & Block diagram

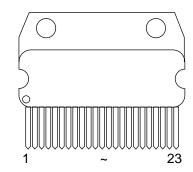


2.Pin function

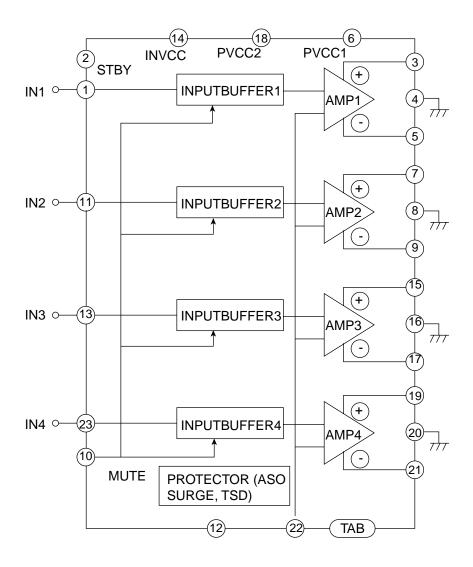
Pin No.	Symbol	Function			
1	ILL	10V power supply for illumination.			
2	MODE2	When 5V is input, becomes AM. and the antenna output is turned on.			
3	MODE1	When 5V is input, becomes AM. and the output of FM is switched.			
4	STB	When 5V is input, outputs to ILL,COM,and AMP. It is 0V usually.			
5	VDD	5.6V power supply.			
6	AMP	Power supply supply to remote amplifier			
7	VCC	Back up. connects with ACC with it.			
8	ANT	Power supply supply to auto antenna.			
9	COM	8.7V power supply.			
10	AM	The power supply of 8.7V to AM.			
11	FM	The power supply of 8.7V to FM.			
12	GND	Ground			

■ HA13158A (IC981) : Power amp

1. Pin layout



2. Block diagram



■LC72362N-9920 (IC701):System controller

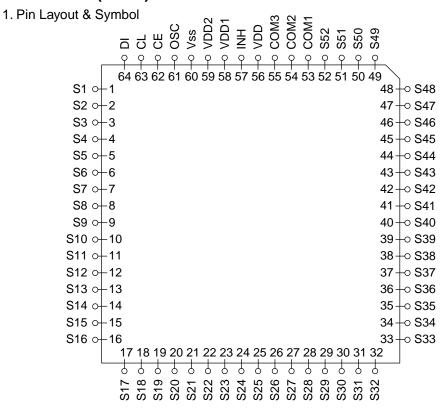
1.Terminal Layout

25	24	-	1	80
40				64
	41	-	64	

2.Description

No. Symbol I/O Function 1 XIN I Crystal oscillator 41 NC - Non connect 2 GND - To GND 42 NC - Non connect 3 J BUS SI I Bus serial data input from CP751 43 NC - Non connect 4 J BUS SO O Bus serial data output to CP751 44 BEEP - Non connect 5 J BUS I/O SEL O BUS I/O switch signal output 46 NC - Non connect 6 J BUSI/O SEL O BUS I/O switch signal output 46 NC - Non connect 7 NC - Non connect 47 NC - Non connect 8 LCD SO O Serial data output to IC651 48 TAPE IN I H:RADIO L:TAPE		scription			lo:	<u> </u>		
Second S	Pin No.	Symbol	I/O	Function	Pin No.	Symbol	I/O	Function
3	1	XIN	ı	Crystal oscillator		NC	-	Non connect
A	2	GND	-	To GND		NC	-	Non connect
Second Columbia	3	J BUS SI	1	Bus serial data input from CP751		NC	-	Non connect
6 JBUSI/O SEL 0 BUS I/O switch signal output 46 NC - Non connect 7 NC - Non connect 47 NC - Non connect 8 LCD SOK 0 Serial data output to IC651 48 TAPE IN I H:RADIO L:TAPE 9 LCD CS 0 Scrial clock output to IC651 49 F/R SENSE I FORWARD/REVERSE switch detector 10 LCD CE 0 Chip enable output to IC651 50 TAPE MUTE I DIR,FF/REW MUTE 11 NC - Non connect 51 SD/ST I Station detector and ST input 12 EVOL SO 0 Serial clock output 53 DETACH I Detection of Front Panel 13 E.VOL SCK 0 Serial clock output 53 DETACH I Detection of Front Panel 14 NC - Non connect 55 JBUS INT I BUS INT PANEL 15 TUNER ILLUM <	4	J BUS SO	0	Bus serial data output to CP751		BEEP	-	Non connect
NC	5	J BUS SCK	0	Bus serial clock output to CP751	45	NC	-	Non connect
B	6	J BUSI/O SEL	0	BUS I/O switch signal output	46	NC	-	Non connect
Serial clock output to IC651	7	NC	-	Non connect	47	NC	-	Non connect
10	8	LCD SO	0	Serial data output to IC651	48	TAPE IN	ı	H:RADIO L:TAPE
11	9	LCD SCK	0	Serial clock output to IC651	49	F/R SENSE	1	FORWARD/REVERSE switch detector
E.VOL SO	10	LCD CE	0	Chip enable output to IC651	50	TAPE MUTE	ı	DIR.FF/REW MUTE
13	11	NC	-	Non connect	51	SD/ST	ı	Station detector and ST input
14	12	E.VOL SO	0	Serial data output	52	NC	-	Non connect
TUNER ILLUM	13	E.VOL SCK	0	Serial clock output	53	DETACH	Ι	Detection of Front Panel
TAPE ILLUM	14	NC	-	Non connect	54	NC	-	Non connect
17	15	TUNER ILLUM	-	Non connect	55	J BUS INT	Ι	BUS interruption signal detection communication
18 DIMMER OUT - Non connect 58 DOLBY - Non connect 19	16	TAPE ILLUM		Non connect	56	REMOCON	-	To GND
19	17	CD ILLUM	-	Non connect	57	FM/AM	Ι	Change over the FM/AM Input
NC	18	DIMMER OUT	-	Non connect	58	DOLBY	-	Non connect
NC	19	NC	-	Non connect	59	NC	-	Non connect
NC	20	NC		Non connect	60	MUTE	-	The mute time is controlled by the
NC	21	NC	-	Non connect				connected capacitor when changing
24 NC - Non connect 62 LEVEL METER I — 25 KS1 - Non connect 63 SMETER I Signal meter input 26 KS0 O Initializing output port 64 KEY 2 I Mementary key input 27 K3 I Initializing input port 65 KEY1 I Mementary key input 28 K2 I Initializing input port 66 KEY0 I Mementary key input 29 K1 - Non connect 67 ACCDET I ACC DET 30 K0 I Initializing input port 68 SENS - To GND 31 Vdd - Power supply 69 NC I Non connect 32 TEST I Test input 70 FM/AM IF COUNT - AM/FM Frequency detection 33 NC - Non connect 72 NC - Non	22	NC	-	Non connect				over the FM/AM
Signal meter input	23	NC	_	Non connect	61	MEMORY DET	Ι	Memory detector input
KSO	24	NC	-	lon connect 62 LEVEL METI		LEVEL METER	1	
R3	25	KS1	-	Non connect	t 63 SMETER		1	Signal meter input
REPUBLIC	26	KS0	0	Initializing output port	64	KEY 2	Ι	Mementary key input
Non connect Fig.	27	K3	ı	Initializing input port	65	KEY1	Ι	Mementary key input
No	28	K2	ı	Initializing input port	66	KEY0	1	Mementary key input
31	29	K1	-	Non connect	67	ACCDET	Ι	ACC DET
TEST I Test input To FM/AM IF COUNT - AM/FM Frequency detection	30	K0	I	Initializing input port	68	SENS	-	To GND
NC	31	Vdd	-	Power supply	69	NC	Ι	Non connect
Temperature	32	TEST	Ι	Test input	70	FM/AM IF COUNT	-	AM/FM Frequency detection
SEEK/STOP O Output the "If signal request" 73 Vdd I Power supply	33	NC	-	Non connect	71	NC	-	Non connect
MONO O Monaural and stereo change 74 AM OSC I Input the local oscillator signal of AM					72	NC	-	Non connect
over output 75 FM OSC - Input the local oscillator signal of FM RADIO/TAPE - Non connect 76 Vss - Power supply REP LEVEL - Non connect 77 NC O Non connect REP LEVEL - Non connect 78 ED - PLL Error signal output REP LEVEL - Power supply 79 TEST 1 O To GND			0	Output the "If signal request"	73	Vdd	Ι	Power supply
36RADIO/TAPE-Non connect76Vss-Power supply37BEEP LEVEL-Non connect77NCONon connect38POWER CNTOPower control output78ED-PLL Error signal output39Acc-Power supply79TEST 1OTo GND	35	MONO	0	Monaural and stereo change	⊢—	AM OSC	ı	·
37 BEEP LEVEL - Non connect 77 NC O Non connect 38 POWER CNT O Power control output 78 ED - PLL Error signal output 39 Acc - Power supply 79 TEST 1 O To GND				· · · · · · · · · · · · · · · · · · ·	75	FM OSC	-	Input the local oscillator signal of FM
38 POWER CNT O Power control output 78 ED - PLL Error signal output 39 Acc - Power supply 79 TEST 1 O To GND			Ŀ	Non connect	-	Vss	-	11.7
39 Acc - Power supply 79 TEST 1 O To GND			-	Non connect	77	NC	0	
112		POWER CNT	0	Power control output	78	ED	-	
40 NC - Non connect 80 XOUT Crystal oscillator			-	Power supply	79	TEST 1	0	To GND
	40	NC	-	Non connect	80	XOUT		Crystal oscillator

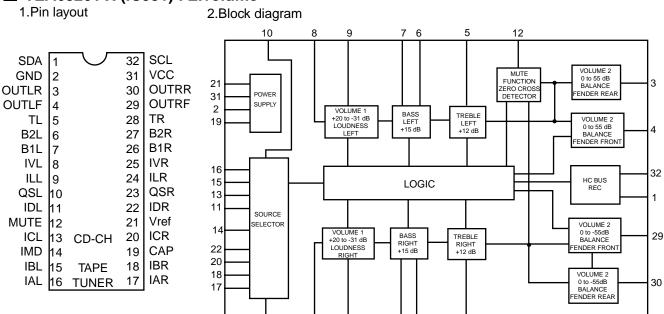
■ LC75823W (IC651) : LCD driver



2. Pin Function

Pin No.	Symbol	I/O	Function				
1 to 52	S1 to S52	0	Segment output pins used to display data transferred				
			by serial data input.				
53 to 55	COM1 to COM3	0	Common driver output pins. The frame frequency is given				
			by:t0=(fosc/384)Hz.				
56	VDD	-	Power supply connection. Provide a voltage of between				
			4.5 and 6.0V.				
57	ĪNH	I	Display turning off input pin.				
			<u>INT</u> ="L" (Vss) off (S1 to S52, COM1 to COM3="L"				
			INT="H" (VDD) on				
			Serial data can be transferred in display off mode.				
58	VDD1	ı	Used for applying the LCD drive 2/3 bias voltage				
			externally.				
			Must be connected to VDD2 when a 1/2 bias drive scheme				
			is used.				
59	VDD2	I	Used for applying the LCD drive 1/3 bias voltage				
			externally.				
			Must be connected to VDD1 when a 1/2 bias drive scheme				
	.,		is used.				
60	Vss		Power supply connection. Connect to GND.				
61	OSC	I/O	Oscillator connection.				
			An oscillator circuit is formed by connecting an external				
			resistor and capacitor at this pin.				
62	CE		Serial data CE : Chip enable				
		.	interface connection				
63	CL	ı	to the controller. CL : Sync clock				
64	DI		DI : Transfer data				

■ TEA6320T-X (IC931) : E.volume



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26 27

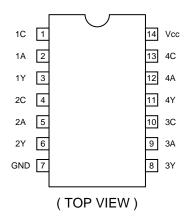
28

3.Pin functions

Pin No.	Symbol	I/O	Functions		Symbol	I/O	Functions
1	SDA	I/O	Serial data input/output.	17	IAR	I	Input A right source.
2	GND	1	Ground.	18	IBR	ı	Input B right source.
3	OUTLR	0	output left rear.	19	CAP	•	Electronic filtering for supply.
4	OUTLF	0	output left front.	20	ICR	I	Input C right source.
5	TL	I	Treble control capacitor left channel or input from an external equalizer.	21	Vref	-	Reference voltage (0.5Vcc)
6	B2L	1	Bass control capacitor left channel or output to an external equalizer.	ss control capacitor left channel or tput to an external equalizer.		-	Not used
7	B1L	•	Bass control capacitor left channel.	23	QSR	0	Output source selector right channel.
8	IVL	Ι	nput volume 1. left control part.		ILR	Ι	Input loudness right channel.
9	ILL	I	Input loudness. left control part.	25	IVR	I	Input volume 1. right control part.
10	QSL	0	Output source selector. left channel.	26	B1R	-	Bass control capacitor right channel
11	IDL	-	Not used	27	B2R	0	Bass control capacitor right channel or output to an external equalizer.
12	MUTE	•	Not used	28	TR	I	Treble control capacitor right channel or input from an external equalizer.
13	ICL	I	Input C left source.	29	OUTRF	0	Output right front.
14	IMO	-	Not used	30	OUTRR	0	Output right rear.
15	IBL	I	Input B left source.	31	Vcc	-	Supply voltage.
16	IAL	I	Input A left source. 32 SCL I Serial clock input.		Serial clock input.		

■ HD74HC126P (IC751) : Changer control

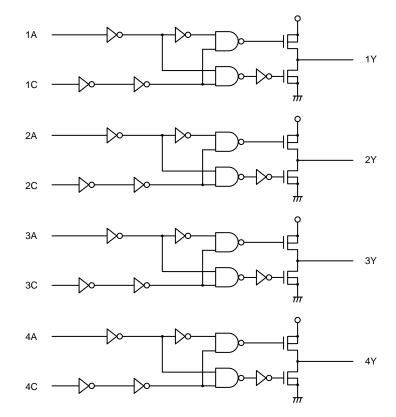
1.Pin arrangement



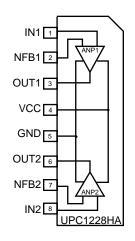
2. Pin function

Inj	out	Output
С	Α	Υ
L	Х	Z
Н	L	L
Н	Н	Н

3. Block diagram



■ UPC1228HA(IC901):Head amp





VICTOR COMPANY OF JAPAN, LIMITED MOBILE ELECTRONICS DIVISION

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