

# JVC<sup>®</sup>

## SERVICE MANUAL

### SPEAKER SYSTEM SX-W35

**Contents:**

- Instructions and specifications
- Guide to repair
- Parts list (SX-W35-L)
- Parts list (SX-W35-R)
- Parts list (SX-W35-C)
- Parts list (SX-W35W SUBWOOFER)

## I N S T R U C T I O N S

THIS SYSTEM CONSISTS OF THE FOLLOWING:

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>2 MAIN SPEAKERS</li> <li>2 REAR SPEAKERS</li> <li>1 CENTER CHANNEL SPEAKER</li> <li>1 8" SUBWOOFER</li> <li>1 RM-SR664U MULTI-BRAND REMOTE CONTROL</li> <li>1 SPEAKER CABLE PACKAGE</li> </ul> | <ul style="list-style-type: none"> <li>4 SUBWOOFER FEET</li> <li>8 SCREWS<br/>(to attach Satellite Speakers to optional SS-UL3 Speaker Stands)</li> <li>4 PADS FOR CENTER CHANNEL SPEAKER</li> <li>1 INSTRUCTION MANUAL</li> </ul> |
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*For your convenience, speaker wire has been included with your purchase.*

### HOW TO CONNECT SPEAKER WIRES

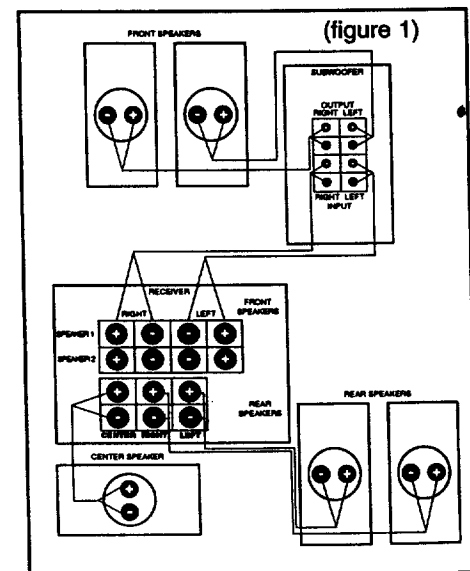
Begin by removing the end of the vinyl covering from the wire. Then, follow the steps below and on the following pages.

### SPEAKER AND SUBWOOFER CONNECTIONS

**CONNECTIONS:** (See figure 1)

- Connect your main (front) speakers to your SUBWOOFER'S OUTPUT terminals using the 12' Red/Black wires.
- Connect your subwoofer's INPUT terminals to your receiver's main speaker outputs using the 8' Blue/Black wires.
- Connect your center speaker to your receiver's center speaker output using the 8' Grey/Black wire.
- Connect your surround (rear) speakers to your receiver's surround speaker outputs using the 30' White/Black wires.

1. Connect the FRONT SPEAKER OUTPUTS on your receiver to the INPUTS on the SX-W35W SUB using the blue/black wire provided; left to left, right to right. Be sure to connect the black wire to the black terminal and the blue wire to the red terminal. See the "Supplemental Speaker Instructions" sheet for recommended speaker placement.
2. Connect the OUTPUT on your SX-W35W SUB speaker to the terminals of your main speakers (one unit model SX-W35L and one unit model SX-W35R) using the red/black wire; left to left, right to right. Connect the black wire to the black terminal and the red wire to the red terminal.
3. Connect the CENTER SPEAKER OUTPUTS on your receiver to the terminals of your center speaker (model SX-W35C) using the grey/black wire; left to left, right to right. Connect the black wire to the black terminal and the grey wire to the red terminal.
4. Connect the SURROUND SPEAKER OUTPUTS on your receiver to the terminals of your rear speakers (model SX-W35L) and (model SX-W35R) using the 30' white/black wires provided; left to left, right to right. Connect the black wire to the black terminal and the white wire to the red terminal.



## SPECIAL SPEAKER INSTRUCTIONS

### RUBBER FEET and NON-SLIP PADS:

Please attach the rubber feet (included) to the bottom of your subwoofer cabinet's corners approximately 1" in from the edges. Place the small non-slip pads on the center channel speaker, to the surface that the speaker will be resting on, to minimize movement.

### CABINET FINISH:

Your speaker cabinets require no maintenance under normal use. The cabinet surface may, however, be cleaned by using a damp cloth. If you choose to use any kind of cleaning agent (such as a non-abrasive glass cleaner) please be sure to test a small area on the bottom of the cabinet first.

### RECOMMENDED SUBWOOFER PLACEMENT:

Against the wall between your left and right front speakers (strong bass output and optimum blending with front speakers); or Within a few inches of the room corner closest to your left or right front speaker (maximum bass output); or near any other room corner or wall. Other locations will provide less predictable degrees of bass impact and/or blending with your front speakers.

### RECOMMENDED CENTER AND MAIN SPEAKER PLACEMENT:

We recommend you place your center speaker horizontally on top of (or just below) your TV. For the best effect, we recommend you place your main speakers approximately 3-4 feet to the left and right of your TV.

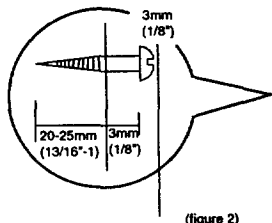
### RECOMMENDED SURROUND SPEAKER PLACEMENT:

Behind you, equally spaced to your left and right either: facing towards the front of the room (more widely dispersed sound); or facing in towards the listening area (more directional sound); Other locations will provide varying degrees of directional and dispersed (ideal) sound characteristics.

### SPEAKER PROTECTION:

Your speakers are designed to handle a wide range of listening levels. For extra protection against overloads, we have included a circuit that will help protect the speaker. This feature will automatically reduce the output of the speaker when it senses excessive volume level or bass boost. If you notice the volume level suddenly drop, (and it will be obvious when this occurs), please lower your receiver's volume and/or bass control. Your speaker will quickly return to normal operation. Use your best judgment here since both excessive bass and overall volume level can overload your speakers. With reasonable care, however, they will offer years of listening pleasure.

**NOTE:**  
**BE SURE YOUR RECEIVER'S CENTER CHANNEL MODE IS SET TO "NORMAL". YOUR SYSTEM WILL PRODUCE LESS AUDIBLE BASS WITH THE CENTER CHANNEL MODE SET TO "WIDE".**



(figure 2)

### WALL MOUNTING OF SPEAKERS:

Make sure the wall is sturdy enough to support the speaker(s) before driving the screws into the wall. For safety, use 4 pounds for reference. If the wall is not sturdy enough, reinforce it. Use roundhead wood screws (not included) that are long and large enough to stick out 1/8". (See figure 2) Place the speaker against the wall so that the round-head screw enters the key hole bracket at the back of the speaker.

## SPECIFICATIONS

SX-W35W Subwoofer		SX-W35 Satellites	
Speaker Type	8" Dual Voice Coil Polypropylene Cone	Tweeter	10mm Liquid Cooled Polyimide
Frequency Response	36-200Hz	Midrange	3" Shielded Driver with Rubber Surround
Max. Power Rating	150 Watts	Frequency Response	200Hz-20kHz
Crossover Frequency	200Hz	Max. Power Rating	150 Watts
Nominal Impedance	8Ω	Nominal Impedance	8Ω
Sensitivity	92dB	Sensitivity	90dB
Cabinet Construction	High Density Particle Board	Cabinet Construction	High Impact Molded Black Plastic
Physical Dimensions	10"W x 10"H x 10-3/4"D	Physical Dimensions	6-1/4"W x 3-1/2"H x 4"D
Weight	9 pounds	Weight	1 3/4 pounds

# GUIDE TO REPAIR

(Note: Models SX-W35L, SX-W35R, and SX-W35C have no individual parts to replace. The entire unit is replaced when repairs are necessary)

## MODEL SX-W35W SUBWOOFER:

### A. "Removing grille assembly"

1. Lift with even pressure the press-fit frame away from the grommet holes in the speaker cabinet.

### A1."Replacing the grille assembly"

1. Insert new grille assembly into the grommet holes on the cabinet and press down using even pressure.

### B. "Removing the woofer"

1. Unscrew the (4) screws holding down the woofer.
2. Remove the (4) wire clips from the woofer terminal, noting positive (blue & green) and negative (black & brown) wires.

### B1 "Replacing the woofer"

1. Attach the blue crossover wire to the (+) terminal, Side #1
2. Attach the black crossover wire to the (-) terminal, Side #1
3. Attach the green crossover wire to the (+) terminal, Side #2
4. Attach the brown crossover wire to the (-) terminal, Side #2
5. Screw down the woofer using (4) screws, p/n hw scr #8x7.

### C. "Removing the crossover"

1. Remove the woofer following steps outlined in "B" above.
2. Unscrew the (6) screws holding down the crossover.
3. Remove the crossover from the cabinet.

### C1. "Replacing the crossover"

1. Insert the crossover into the hole in the rear of the cabinet and screw down into position using (6) screws, p/n hw scr 6x6
2. Attach the blue crossover wire to the (+) terminal of the woofer, side #1
3. Attach the black crossover wire to the (-) terminal of the woofer, side #1
4. Attach the green crossover wire to the (+) terminal of the woofer, side #2
5. Attach the brown crossover wire to the (+) terminal of the woofer, side #2
6. Screw the woofer back into position using (4) screws, p/n hw scr #8x7

### D1."Replacing the grey logo cavity "backing" strip"

1. Remove the old backing by prying up.
2. Press fit the new grey backing strip into the logo cavity on the grille frame, making sure the logo stud hole is towards the bottom.
3. Pry up the top half and put a small amount of hot melt glue in the center of the strip, upper half, and press down into place, making sure the glue does not overflow the sides.

### E. "Replacing the logo"

1. Press the logo stud through the hole in the grey backing.
2. Use a nut driver and a 5mm socket to "push" pushnut (p/n hw pnu t-sub) over the logo stud and lock the logo in place in the grille frame.

## PARTS LIST, MODELS SX-W35L, SX-W35R, SX-W35C

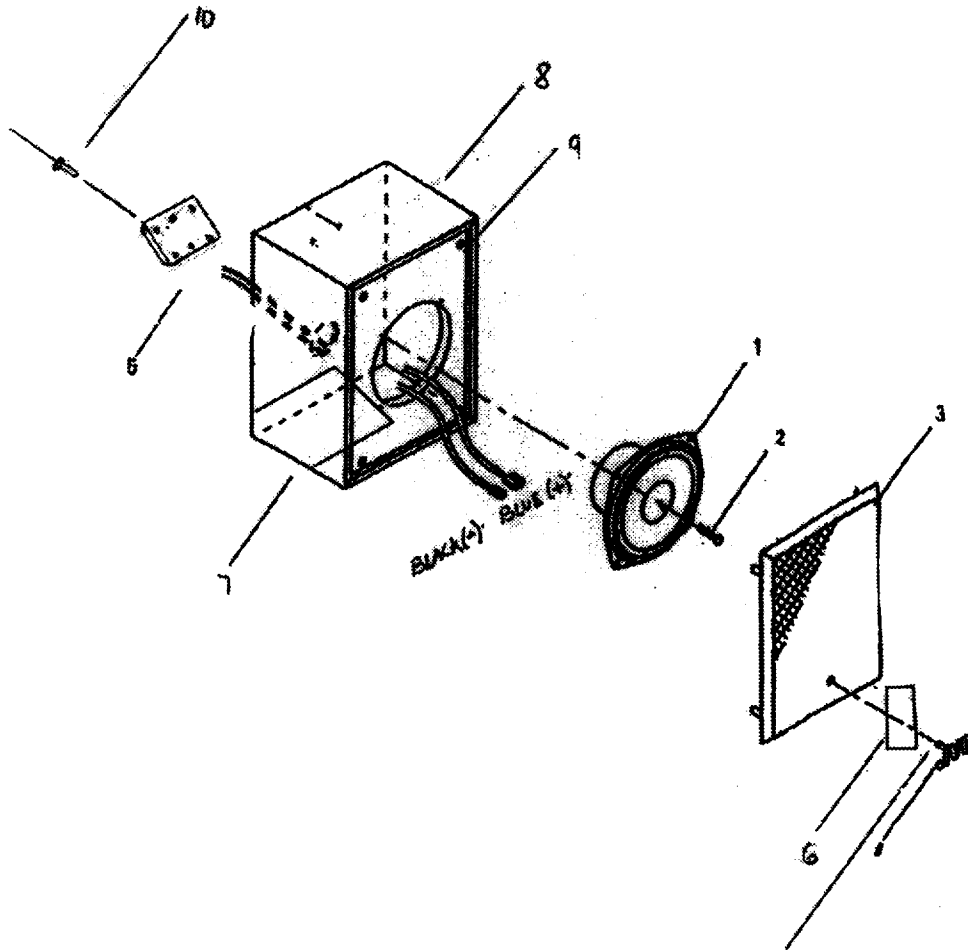
ITEM	PART NUMBER	PART NAME	QTY	DESCRIPTION
1	sp-asy-jsat-l	Complete speaker	1	Left speaker
2	sp-asy-jsat-r	Complete speaker	1	Right speaker
3	sp-asy-sat-c	Complete speaker	1	Center speaker
4	pk-bag-sat	Polybag	1	
5	hw-bmp-jsatc	Rubber "pad"	4	Foot/center ch

## PARTS LIST, MODEL SX-W35W SUBWOOFER

ITEM	PART NUMBER	PART NAME	QTY	DESCRIPTION
1	hw-bmp-jsubh	Rubber Bumper	4	"Feet" for sub
2	hw-grom-orb	Grommet	4	Grille frame support
3	hw-pnut-sub	Pushnut	1	Logo support stud
4	hw-scr-#6x6	Screw	6	Size 6 x 5/8"
5	hw-scr-#8x7	Screw	4	Size 8 x 3/4"
6	pk-bag-jsubh	Polybag	1	
7	sp-woo-jsubh	Woofer	1	8" DVC woofer
8	wo-jsubh-cab	Cabinet	1	Wood cabinet
9	grf-jsubh	Grille frame	1	
10	lbk-jsubh	Grey back strip	1	Adhesive strip
11	log-subh	Logo	1	Logo with stud
12	tuf-a-1/2	Insulation	1	
13	xov-jsubh	Crossover	1	Crossover with wires

# PACKAGING MATERIALS, PARTS LIST, MODELS SX-W35L, SX-W35R, SX-W35C

ITEM	PART NUMBER	PART NAME	QTY	DESCRIPTION
1	pk-fom-ljs1t	"Footprint" top	1	Polystyrene pack
2	pk-fom-ljs1b	"Footprint" bottom	1	Polystyrene pack
3	pk-ctn-ljsi	Packing carton	1	Inner speaker pack
4	pk-ctn-ljs0	Packing carton	1	Outer overpack
5	pr-man-ljs1	Literature manual	1	
6	wir-ljs1	Wireset pack	1	
7	pk-bag-9x12	Literature polybag	1	
8	hw-scr-#10x5	Wall mount screws	8	



## EXPLODED VIEW PARTS LIST, MODELS SX-W35W SUBWOOFER:

ITEM	PART NUMBER	PART NAME	QTY	DESCRIPTION
1	sp-woo-jsubh	Woofer	1	8" Woofer
2	hw-scr-#8x7	Screw	4	Screw for woofer
3	grf-jsubh	Grille frame	1	
4	log-jsubh	Logo	1	
5	xov-jsubh	Crossover	1	
6	lbk-jsubh	Grey backing	1	Logo cavity stop
7	tuf-a-1/2	Insulation	1	
8	wo-cab-jsubh	Wood cabinet	1	
9	hw-grom-.25	Grommet	4	
10	hw-scr-6x6	Screw	6	Screw for x-over
11	hw-pnt-jsubh	Pushnut	1	Logo fastener
12	pk-bag-jsubh	Polybag	1	(not shown)
13	hw-bmp-jsubh	Rubber bumper	4	(not shown)