

Service Manual

ORDER NO.
ARP1924

SPEAKER SYSTEM

CS-J925B X

CS-J825B XC

CS-J625 XC

CS-J525 XC

This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer. Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual. Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty. If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

WARNING
Lead in solder used in this product is listed by the California Health and Welfare agency as a known reproductive toxicant which may cause birth defects or other reproductive harm (California Health & Safety Code, Section 25249.5).
When servicing or handling circuit boards and other components which contain lead in solder, avoid unprotected skin contact with the solder. Also, when soldering do not inhale any smoke or fumes produced.

PARTS LIST OF PACKING

(CS-J925B, CS-J825B, CS-J625, CS-J525)

Mark	Part No.	Description
	179879	Packing case (For CS-J925B)
	182543	Packing case (For CS-J825B)
	176974	Packing case (For CS-J625)
	177180	Packing case (For CS-J525)
	149744	Corner pad
	170827	Corner pad
	101717	Service cord
	179260	Operating instructions (For CS-J925B)
	179324	Operating instructions (For CS-J825B)
	176989	Operating instructions (For CS-J625)
	177195	Operating instructions (For CS-J525)

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PARTS LIST OF EXPLODED

NOTES:

- Parts without part number cannot be supplied.
- The Δ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- Parts marked by "⊙" are not always kept in stock. Their delivery time may be longer than usual or they may be unavailable.

(CS-J925B)

Mark	Part No.	Description
	170367	Grille
	119317	Input terminal
⊙	169273	Network assembly
	179275	Woofers
	179280	Sub woofer
	179295	Mid-range
	177046	Tweeter
	100254	Screw (4x25)

(CS-J825B)

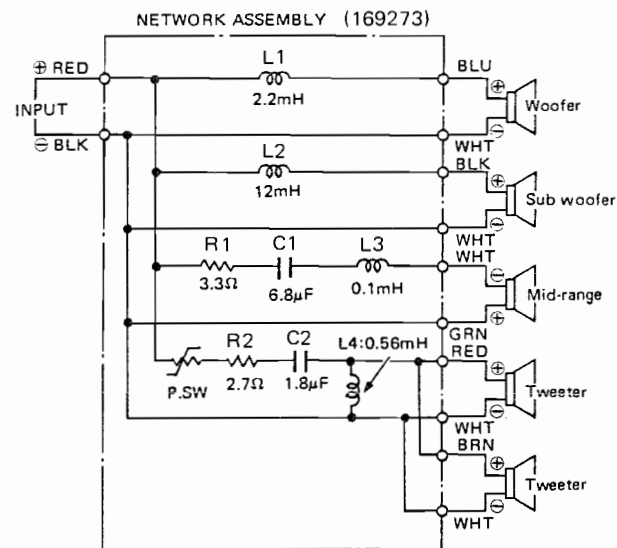
Mark	Part No.	Description
	178163	Grille
	119317	Input terminal
⊙	179339	Network assembly
	177026	Woofers
	177046	Tweeter
	179304	Super tweeter
	101544	Screw (4x20)

(CS-J625, CS-J525)

Mark	Part No.	Description
	178163	Grille (For CS-J625)
	176994	Grille (For CS-J525)
	119317	Input terminal
⊙	177140	Network assembly
	177026	Woofers
	177046	Tweeter
	101544	Screw (4x20)

NETWORK AND PARTS LIST

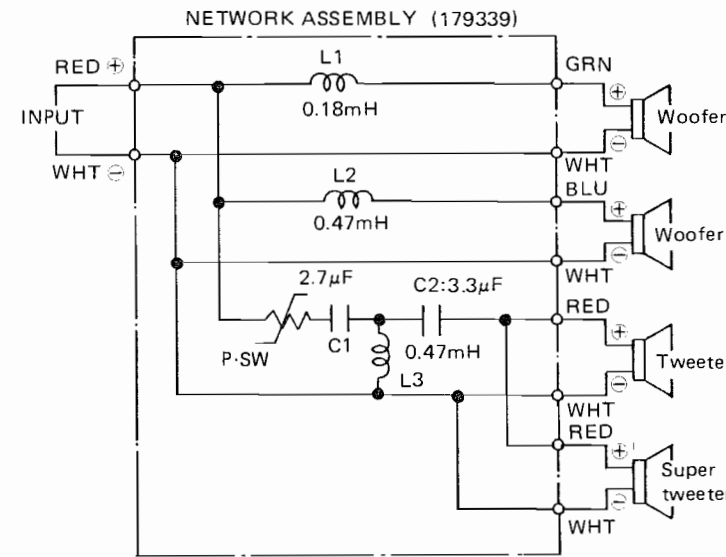
Circuit Diagram (CS-J925B)



Parts List (CS-J925B)

Mark	Symbol & Description	Part No.
	L1 Choke coil (2.2mH)	
	L2 Choke coil (12mH)	
	L3 Choke coil (0.1mH)	
	L4 Choke coil (0.56mH)	
	C1 Capacitor (6.8µF)	CES46R8KJ
	C2 Capacitor (1.8µF)	CES41R8KJ
	R1 Resistor (3.3Ω)	RT10AL3R3K
	R2 Resistor (2.7Ω)	RT7AL2R7K
	P.SW Poly switch	

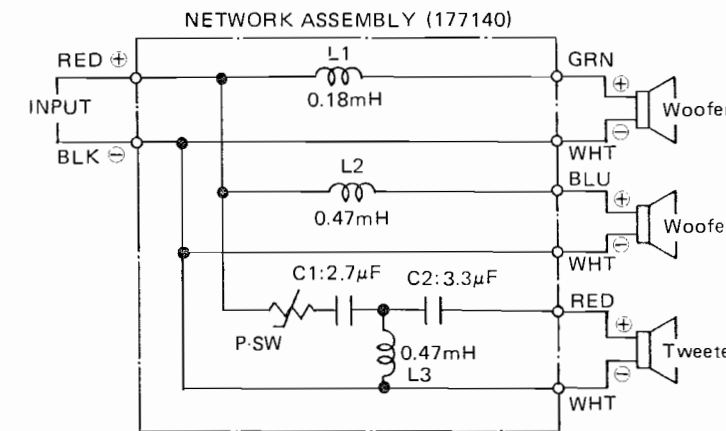
Circuit Diagram (CS-J825B)



Parts List (CS-J825B)

Mark	Symbol & Description	Part No.
	L1 Choke coil (0.18mH)	
	L2 Choke coil (0.47mH)	
	L3 Choke coil (0.47mH)	
	C1 Capacitor (2.7µF)	CES42R7KJ
	C2 Capacitor (3.3µF)	CES43R3KJ
	P.SW Poly switch (0.75A)	

Circuit Diagram (CS-J625, CS-J525)



Parts List (CS-J625, CS-J525)

Mark	Symbol & Description	Part No.
	L1 Choke coil (0.18mH)	
	L2 Choke coil (0.47mH)	
	L3 Choke coil (0.47mH)	
	C1 Capacitor (2.7µF)	CES42R7KJ
	C2 Capacitor (3.3µF)	CES43R3KJ
	P.SW Poly switch (0.75A)	

The part number of network assembly is different (179339 or 177140) depending on whether it is provided with a red-white parallel cord. The cord is a non-supply part.

P. SW (POLYSWITCH):

P. SW has extreme positive resistance-temperature characteristics. (Less than 0.3Ω at the normal temperature). If an abnormal current flows to P. SW due to an excessive input or unusual signal, P. SW heats up and the resistance extremely increases. With this function, the tweeter is protected from excessive input or unusual signal. The resistance increase even by soldering iron during repairing so that cool it enough before using.