SPEAKER SYSTEM

NS-2000

SERVICE MANUAL



■CONTENTS

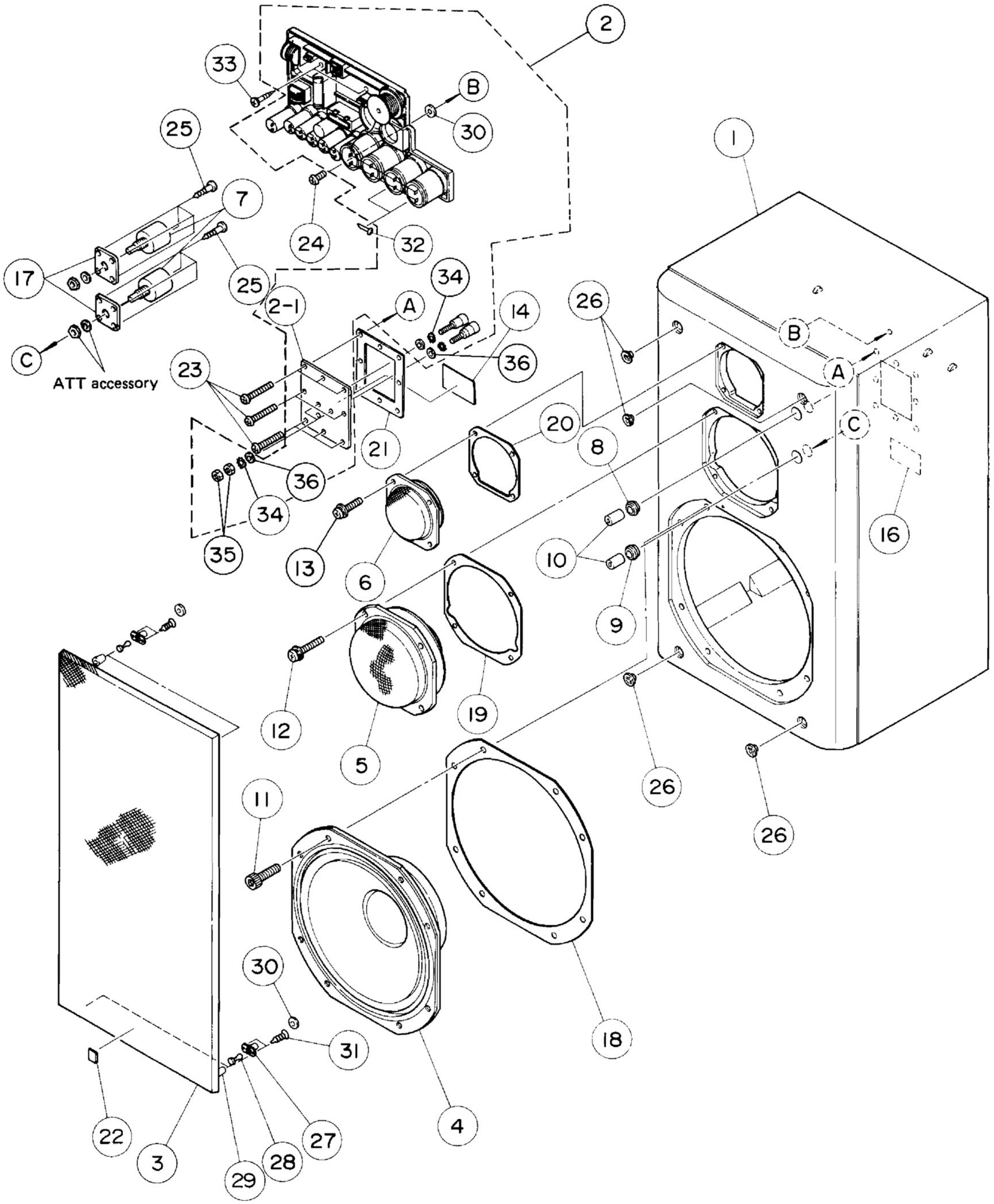
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004515

SINCE 1887 YAMAHA
NIPPON GAKKI CO., LTD. HAMAMATSU, JAPAN
Printed in Japan 3.83. 2.6k 54

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■EXPLODED VIEW • Connections are the same for left and right channels.



* Speaker cord is not included.

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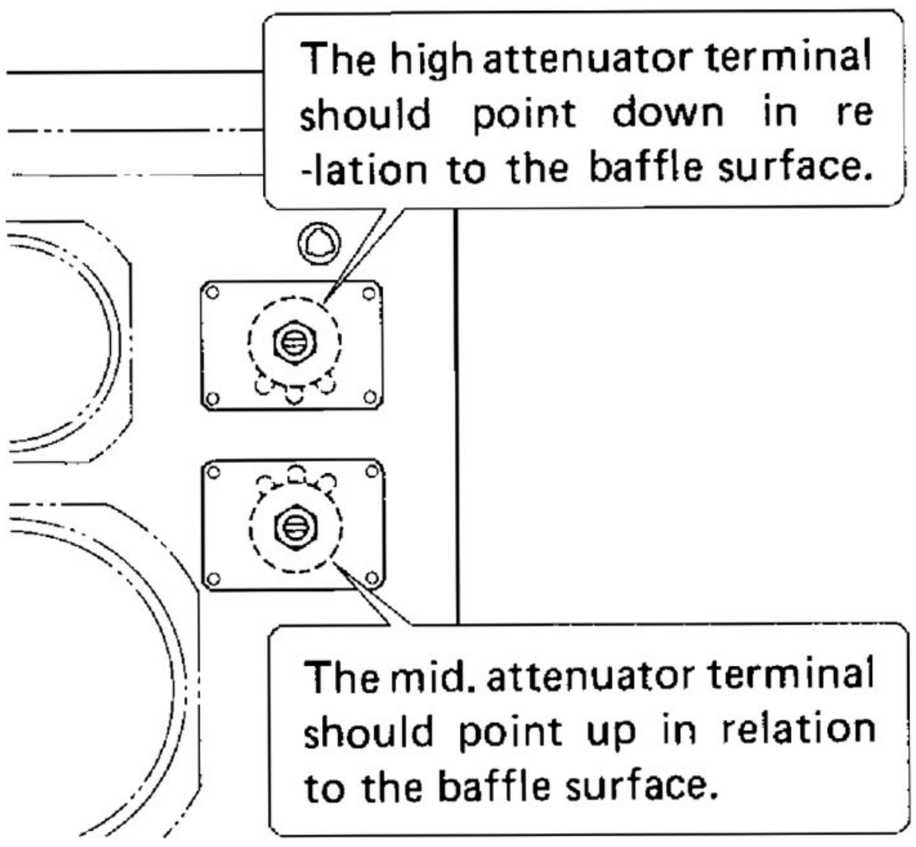
■PARTS LIST

	Ref No.	Part No.	Description		(部 品 名)	Remarks	Common model	Markets
※	1	DX 60 03 20	Cabinet		外装			
※	2	NW 06 09 00	Network Assembly		ネットワークAss'y			
※	2-1	CB 61 80 30	Terminal Plate		端子板			
※	3	DA 07 30 20	Front Grill		前板			
※	4	JA 33 01 00	Speaker Unit	JA3301	スピーカユニット	WOOFER		
※	5	JA 08 02 10	〃	JA0802A	〃	MIDRANGE		
※	6	JA 05 26 10	〃	JA0526A	〃	TWEETER		
※	7	HY 00 17 50	Attenuator		アッテネータ			
※	8	BA 08 56 40	Escutcheon		エスカッション	HIGH ATT.		
※	9	BA 08 56 50	Escutcheon		〃	MID ATT.		
※	10	BA 08 56 30	Knob, Attenuator		アッテネータツマミ			
	11	EZ 00 13 30	Hexagonal Head Bolt	M6×25 (黒ぞめ)	六角穴付ボルト	Woofer		
	12	EA 35 03 06	Pan Head Screw	M5×30(FCM3-Bℓ)	⊕ナベ小ネジ	Midrange (PACK)		
	13	EA 34 03 06	〃	M4×30(〃)	〃	Tweeter (PACK)		
※	14	CB 61 94 60	Label A		ラベルA			
※	15	CB 61 94 70	〃 B		〃 B			
	16	CB 07 98 10	Caution Label		ラベル	注意書用		J
	16	CB 08 02 60	〃		〃			
※	17	BA 08 56 20	Metal		アッテネータ取付板			
※	18	CB 61 80 10	Packing		パッキン	Woofer		
	19	CB 07 19 60	〃		〃	Midrange		
	20	CB 09 68 40	〃		〃	Tweeter		
	21	CB 09 73 20	〃		〃	Network		
	22	BA 06 31 50	Audio Emblem		オーディオエンブレーム			
	23	EA 04 03 06	Pan Head Screw	M4×30 (ZMC2-Y)	ナベ小ネジ	Terminal Plate (PACK)		
	24	EA 54 03 50	〃	M4×35(BCM-3-Bℓ-P)	〃	Network (PACK)		
	25	EQ 03 11 66	Round Head Wood Screw	3.1×16(ZMC2-Y)	⊕丸木ネジ	ATT MOUNT		
	26	CB 07 49 10	latch		ラッチ			
	27	CB 61 96 10	Support		サポート			
	28	CB 06 96 10	Strike		ストライク			
	29	CB 61 96 20	Cradle, Strike		ストライク受台			
	30	CA 07 37 90	Packing		パッキン			
	31	EP 33 11 36	Flat Head Wood Screw	3.1×13(ZMC2-Bℓ)	鉄皿木ネジ	(PACK)		
	32	EA 93 01 00	Pan Head Screw	3×10(ナイロン)	⊕ナベ小ネジ	Network		
	33	EQ 53 12 06	Round Head Wood Screw	3.1×20(黄銅)	⊕丸木ネジ	Network (PACK)		
	34	AA 09 94 30	Toothed Look Washer		外歯付座金			
	35	BB 06 85 70	Hexagonal Nut		ナット			
	36	LA 00 31 60	Fiber Washer		ファイバーワッシャー			
※	2	NW 06 09 00	Network Assembly		ネットワークAss'y			
		FR 12 72 20	Metallized Paper Capacitor	22μF 100V	MPコン	C1		
		FR 01 63 50	〃	3.5μF 〃	〃	C2,C3		
※		FR 18 62 70	〃	2.7μF 160V	〃	C4		
※		GD 30 15 60	Coil	5.0mH	コイル	L1		
※		GD 30 15 70	〃	2.3mH	〃	L2		
※		GD 30 15 80	〃	0.45mH	〃	L3		
※		GD 30 15 90	〃	0.3mH	〃	L4		
		LA 00 31 00	Terminal	(Red)	プッシュターミナル			
		LA 00 31 10	〃	(Black)	〃			
		TX 91 00 09	Solder	φ1.2 1kg	半田 LMP			

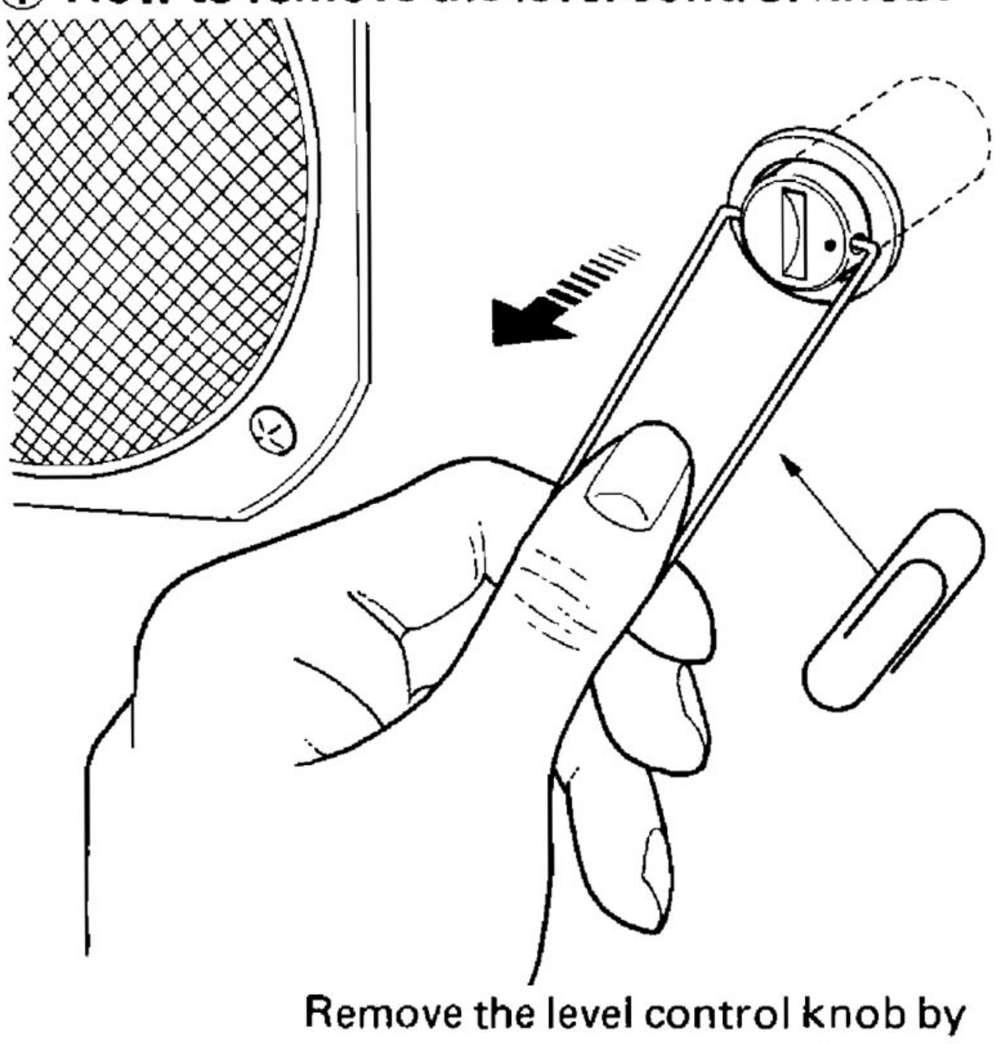
※ : New Parts (新部品)

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- **Be sure to install the attenuators so that they point in the correct direction.**

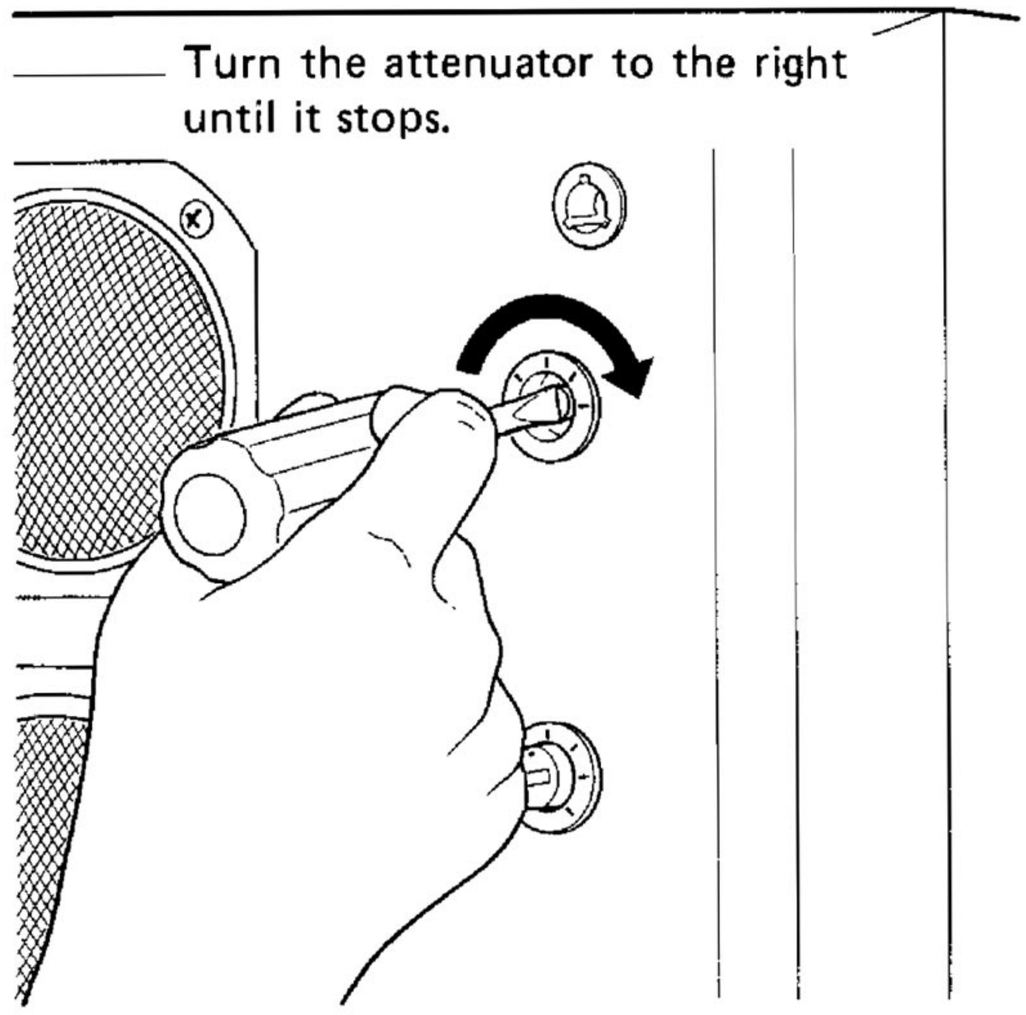


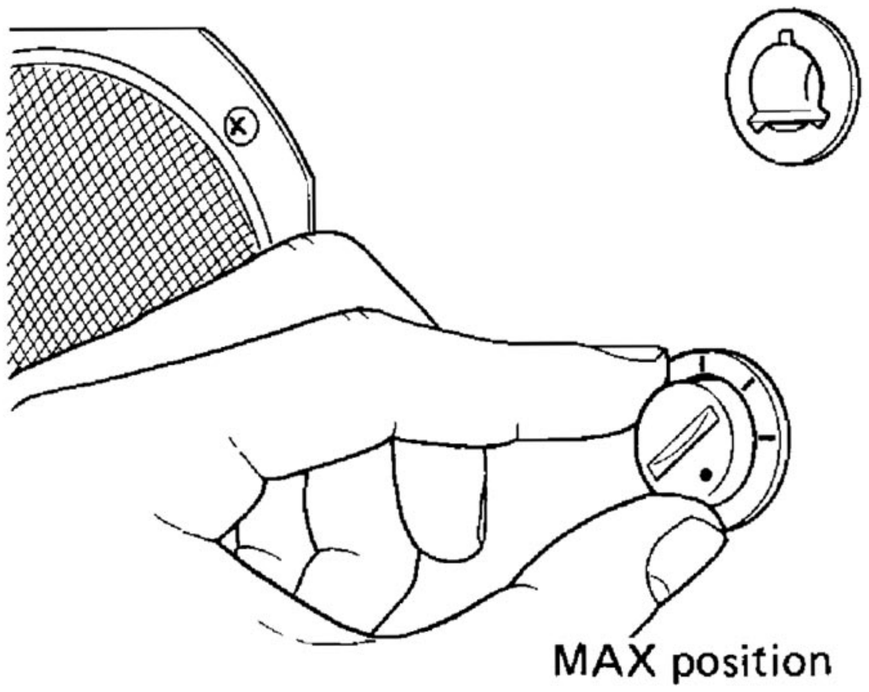
① How to remove the level control knob:

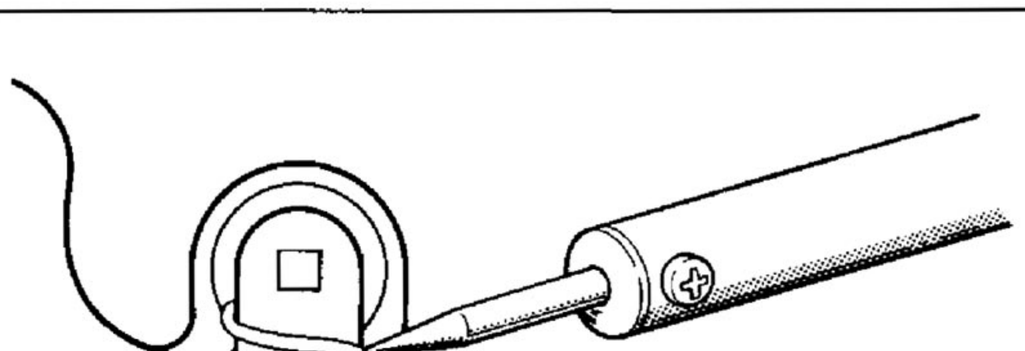


Remove the level control knob by hooking a paper clip through the hole in the attenuator as shown above.

② Attenuator knob adjustment:

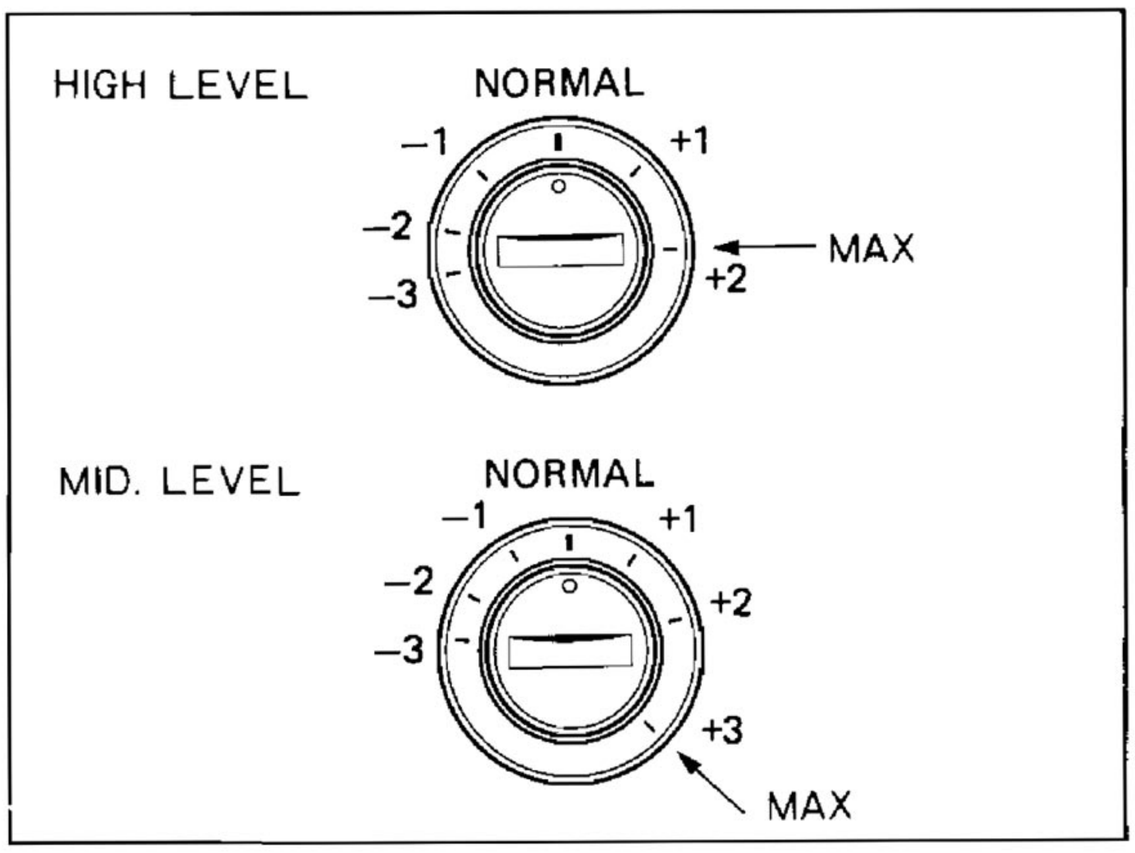






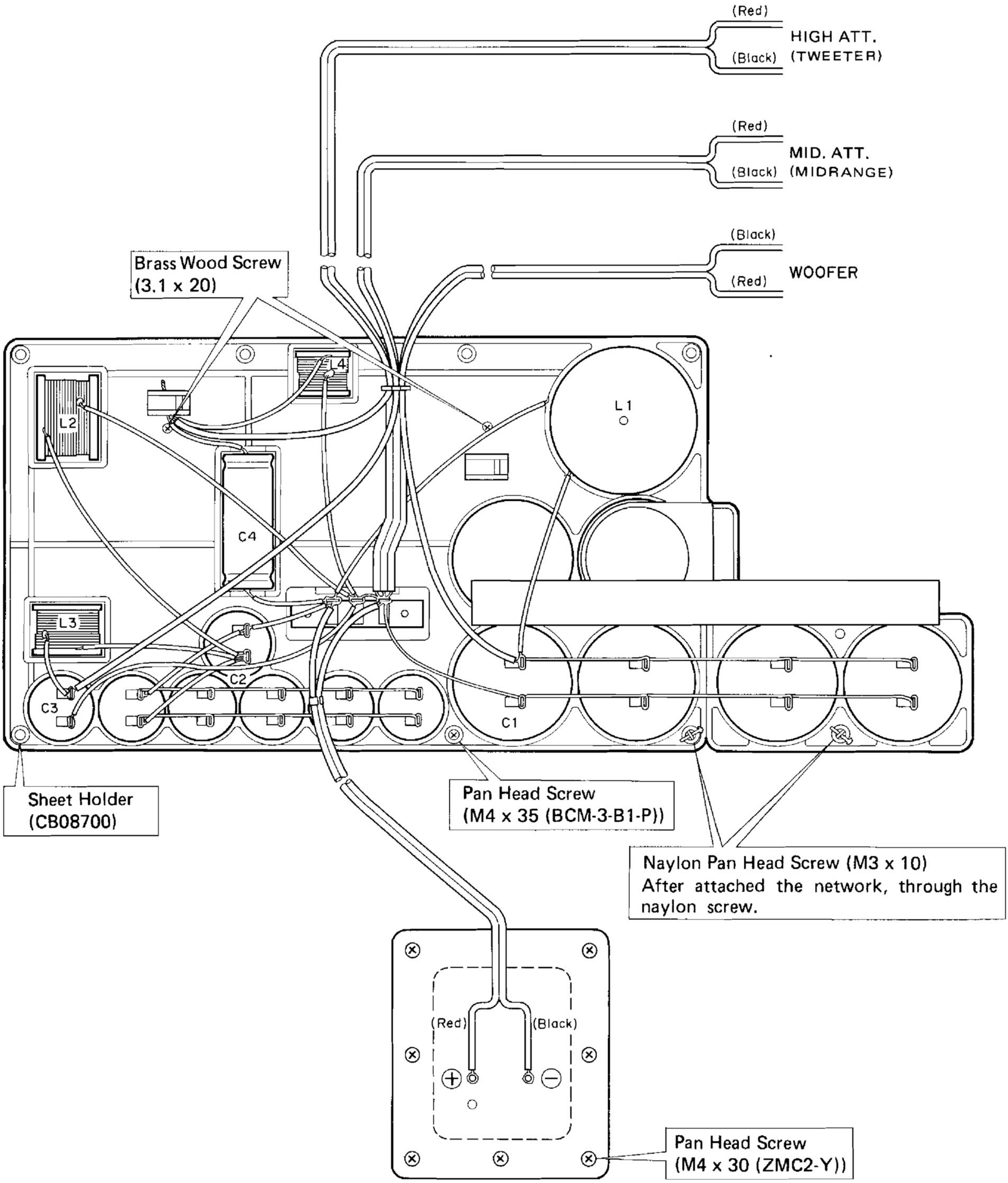
Wind the solder twice as shown when soldering.

Use the specified solder when repairing the speaker system. (Solder LMPP/NTX910009)



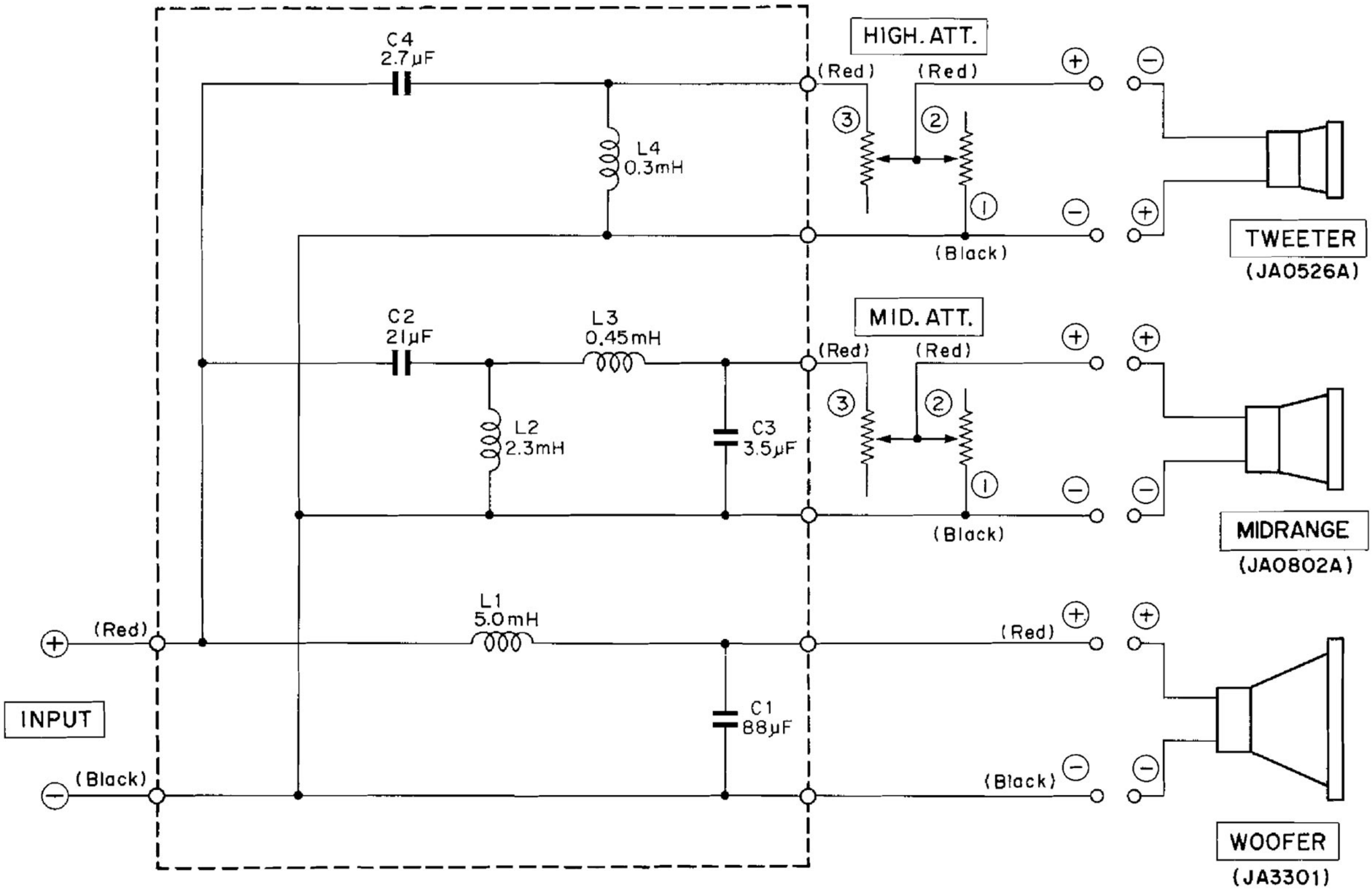
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■NETWORK PARTS LAYOUT



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■NETWORK CIRCUIT BOARD DIAGRAM



■SPECIFICATIONS

Type . . . . . Fully enclosed bookshelf type
Speakers . . . . . Woofer Carbon diaphragm 33-cm (13 in.) cone (JA3301)
Midrange Beryllium diaphragm 8.8-cm (3-1/2 in.) dome (JA0802A)
Tweeter Beryllium diaphragm 3-cm (1-3/16 in.) dome (JA0526A)
Nominal input power . . . . . 125 W
Music input power . . . . . 250 W
Impedance . . . . . 6 ohms
Sound pressure level . . . . . 90 dB/W/m
Crossover frequencies . . . . . Low—mid 500 Hz (12 dB/oct)
Mid—high 6kHz (12 dB/oct)
Level controls . . . Mid + 3 dB (Continuously variable)
High +2 dB (Continuously variable)
Enclosure . . . . . Fully enclosed type: Volume = 80 l
Exterior . . . . . American walnut Urethane open pore finish
Dimensions (W x H x D) . . . . . 440 x 752 x 404 mm (17-5/8 x 29-5/8 x 15-7/8 in.)
(Grille attached)
Weight . . . . . 47 kg (103 lbs. 6oz.)

* Specifications subject to change without notice for improvements.
* Care should be taken to avoid exceeding the music input power levels listed above.

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