

SERVICE
MANUAL

LS-95

4822 735 50895

marantz®

model LS-95

Music Link Loudspeakerbox

MARANTZ DESIGN AND SERVICE

Using superior design and selected high grade components, MARANTZ company has created the ultimate in stereo sound.

Only original MARANTZ parts can insure that your MARANTZ product will continue to perform to the specifications for which it is famous.

Parts for your MARANTZ equipment are generally available to our National Marantz Subsidiary or Agent.

ORDERING PARTS:

Parts can be ordered either by mail or by telex. In both cases, correct part number has to be specified. The following information must be supplied to eliminate delays in processing your order:

1. Complete address
2. Complete part numbers and quantities required
3. Description of parts
4. Model number for which part is required
5. Way of shipment
6. Signature: any order form or telex must be signed otherwise such part order will be considered as null and void.

MARANTZ INTERNATIONAL
 Vestdijk 9
 5600 MD Eindhoven
 The Netherlands
 Phone: +31/40.758290
 Telefax: a31/40.75.82.99
 Telex: 35000 PHTC NL routing IND NLMTFAT

PARTS ORDERING

Parts may be ordered at the following addresses:

AUSTRIA
 HORNYPHON
 VertriebsgesellschaftGmbH
 Wienerbergstrasse 1
 A1101 Wien
 Austria
 Telex: 132.332

BELGIUM
 SVD DIVISIONMARANTZ
 Industrialaan1
 1720 Groot-Bijgaarden
 Belgium
 Telex: 24466

CHILE
 MARANTZ
 DIVISION OF PHILIPS S.A.
 AV. Santa Maria, 0760
 Casilla 2687
 Santiago
 Telex: 240.239

DENMARK
 MARANTZ
 DIVISION OF PHILIPS
 SERVICE A/S
 Prags Boulevard 80
 Postbox 1919
 DK-2300 KobenhavnS
 Denmark
 Telex: 31201

FINLAND
 MARANTZ
 DIVISION OF OY PHILIPS Ab
 Kaivokatu 8
 00100 Helsinki
 Finland
 Telex: 124811

FRANCE
 MARANTZ FRANCE
 4 Rue Bernard Palissy
 92600 Asnieres
 France
 Telex: 611651

GERMANY
 MARANTZ GERMANY GmbH
 Max-Planck-Strasse 22
 6072 Dreieich 1
 Germany
 Telex: 529821

THE NETHERLANDS
 Elpro Marantz
 Wint Hontlaan 28
 3526 KV Utrecht
 The Netherlands
 Telex: 4748

NORWAY
 MARANTZ
 DIVISION OF PHILIPS A/S
 Sandstuveien 40
 0680 Oslo 6
 Norway
 Telex: 72640

GREAT BRITAIN
 MARANTZ AUDIO U.K. Ltd
 Unit 15/16
 Saxon Way Industrial Estate
 Moor Lane
 Harmondsworth UB7 OLW
 Great Britain
 Telex: 935196

GREECE
 SHERTON ELECTRONICS S.A.
 P.O.Box 21025
 Hippocrates Street 188
 Athens 11471
 Greece
 Telex: 216.795

JAPAN
 MARANTZ JAPAN, Inc.
 35-1, 7-chome, Sagamiono
 Sagamihara-shi, Kanagawa
 Japan

KUWAIT
 AL ALAMIAH ELECTRONICS
 Ussama Building
 Fahd al Saleem Street
 P.O.Box 23781
 Safat-Kuwait
 Telex: 22694

ITALY
 MARANTZ ITALIANA S.P.A.
 Via Chiese, 74
 20126 Milano
 Italy

SAUDI ARABIA
 AL ALAMIAH ELECTRONICS
 P.O.Box 5954
 University Street
 Riyadh 11432
 Saudi Arabia
 Telex: 401530

SOUTH AFRICA
 MARANTZ
 DIVISION OF PHILIPS S.A.
 Main Road Martindale
 P.O. Box. 58088
 Newville 21114
 South Africa

SPAIN
 PHONO S.A.
 Ignacio Iglesias 10
 Badalona (Barcelona)
 Spain
 Telex: 59355

SWEDEN
 MARANTZ
 DIVISION OF PHILIPS
 Forsaljnng AB
 Tegeluddsvagen 1
 S-115 84 Stockholm
 Sweden
 Telex: 14060

SWITZERLAND
 DYNAVOX ELECTRONICS
 Route de Villars 105
 1701 Fribourg
 Switzerland
 Telex: 942377

TURKEY
 DOGRUOL Ltd.
 I.M.C.
 6 Blok N°6310
 Unkapani
 Istanbul
 Turkey
 Telex: 22085

MALTA
 CACHIA & GALEA
 Republic Street, 68D
 Valetta
 Telex: 1682

PORTUGAL
 MARANTZ
 Divisao philips S.A. service
 Outurela-carnaxide
 2795 LinDA-A-VELHA
 Telex: 43906

All of the above locations are fully equipped to take care of your total service needs. Because various countries have differing configuration requirements, it is necessary that you contact the service facility in your particular country. In the event that there is no service location listed for your country, please, contact the nearest facility for the necessary assistance.

In case of difficulties, do not hesitate to contact the Technical Department at abovementioned address.

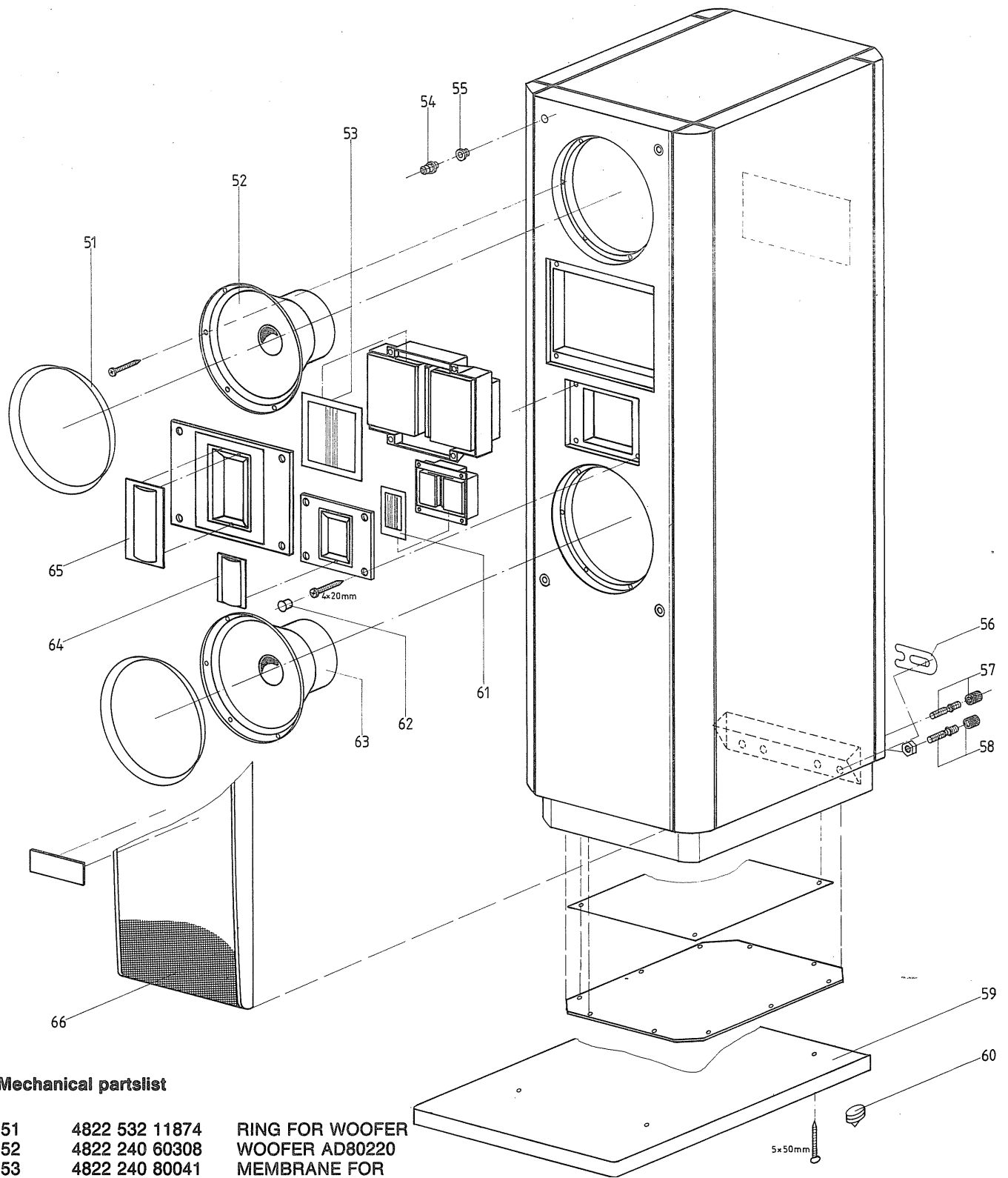
SERVICING THE TWEETER OR MID-RANGE DRIVER UNIT

Replacement of the diaphragm of the driver unit.

Replacing of the diaphragm has to take place in a clean environment, free from any metal particles and dust.

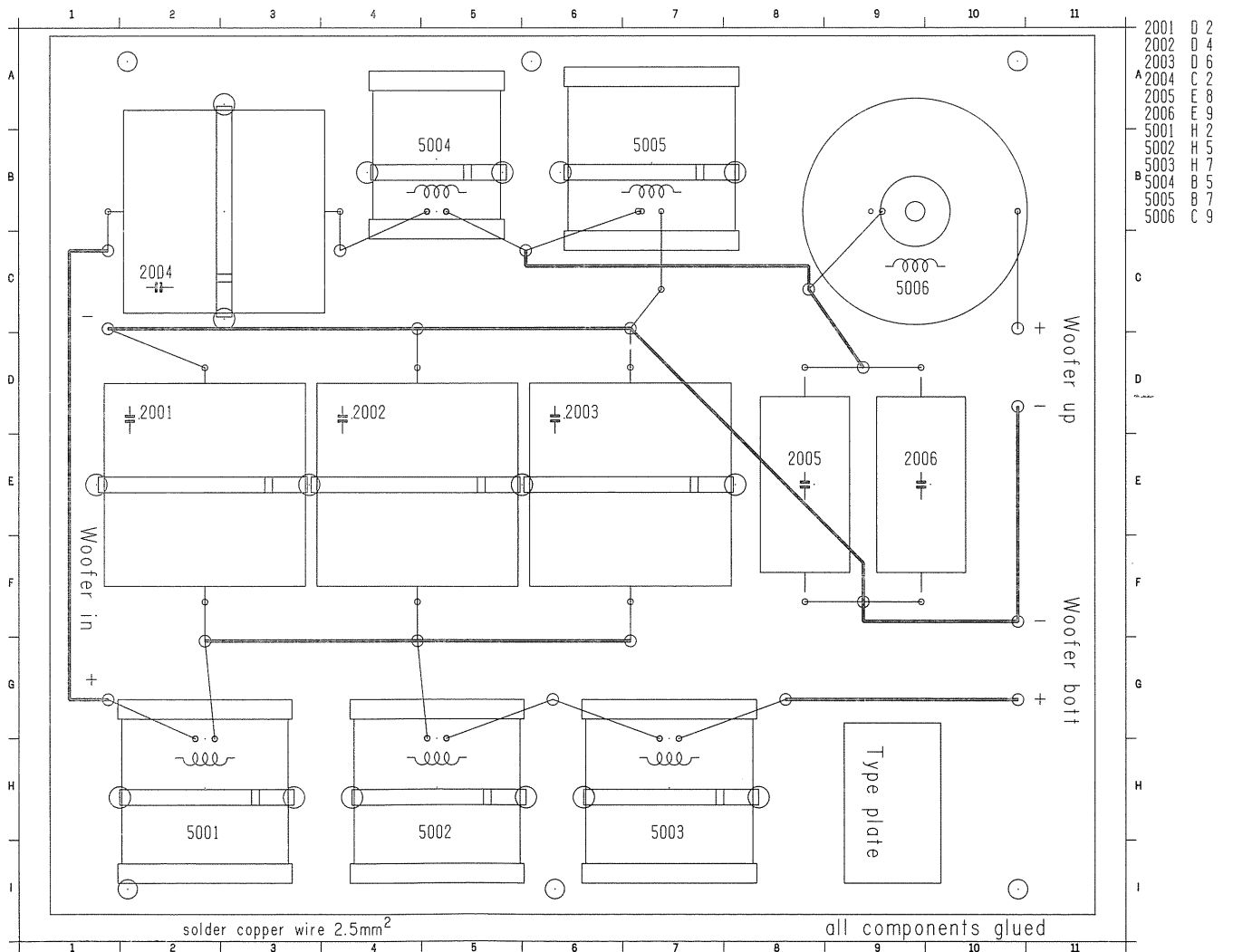
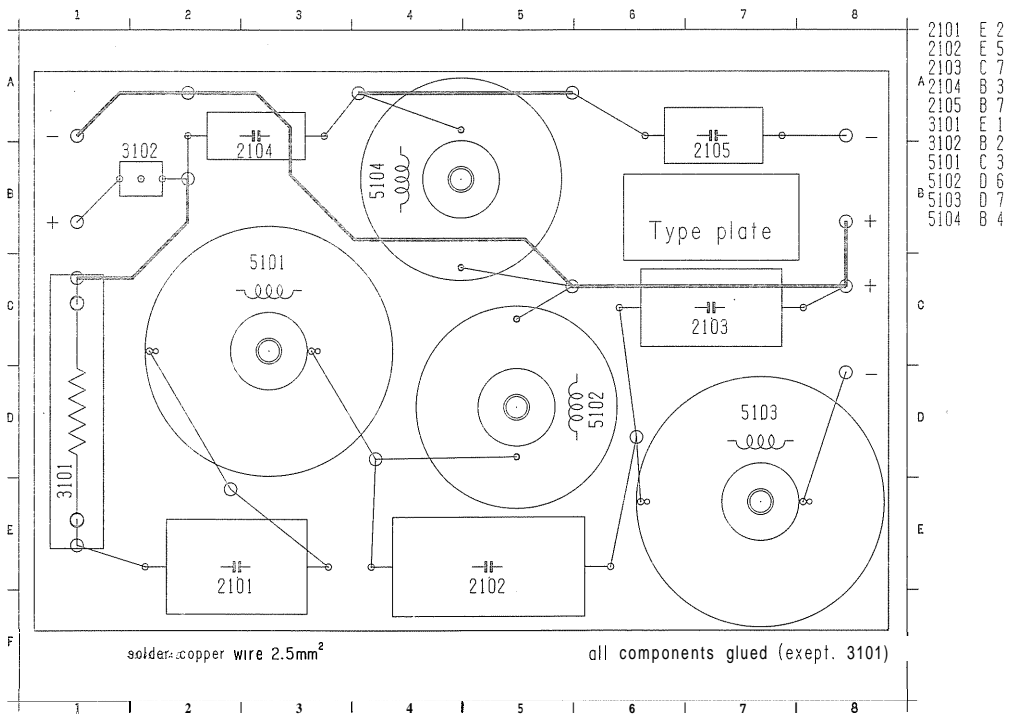
Use a NON-FERRO screwdriver because of the very strong magnet of the driver unit.

1. Remove the four fastening screws of the front plate of the driver and keep them on a sufficient distance from the driver.
2. Remove the front plate.
3. Remove the two screws that keep the diaphragm in place, i.e. electrical connections.
4. Slide the diaphragm in the direction of the mounting holes, out of the magnetic assembly. Take care that the damping sheet is removed also.
5. Unpack the new diaphragm with damping and loading foil.
6. From the terminal side, slide the sandwich of diaphragm, damping and loading foil carefully into the magnetic assembly. The diaphragm facing the top and the loading foil facing the rear volume. Take care that the loading foil does not move with respect to the diaphragm.
7. Position the diaphragm with the mounting holes above the terminals.
8. Remove the loading foil in the direction of the mounting holes while keeping the diaphragm and damping in place. Take special care that the damping remains evenly distributed.
9. Align the diaphragm in line with the magnet.
10. Secure the diaphragm with two screws.
11. Mount the front plate and secure it with four screws.

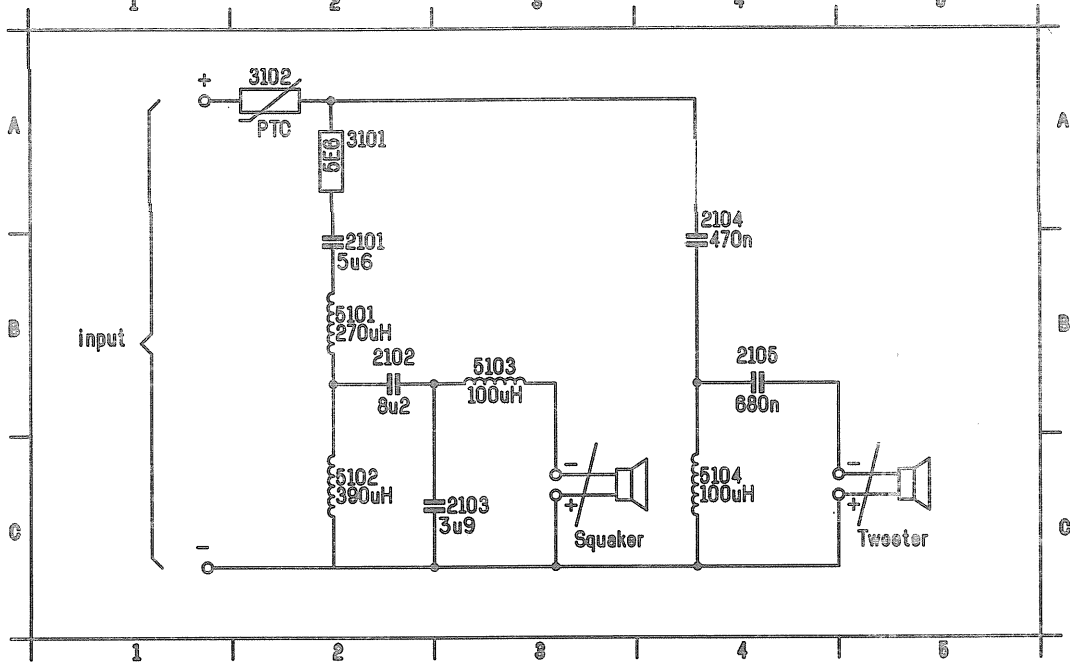


Mechanical partlist

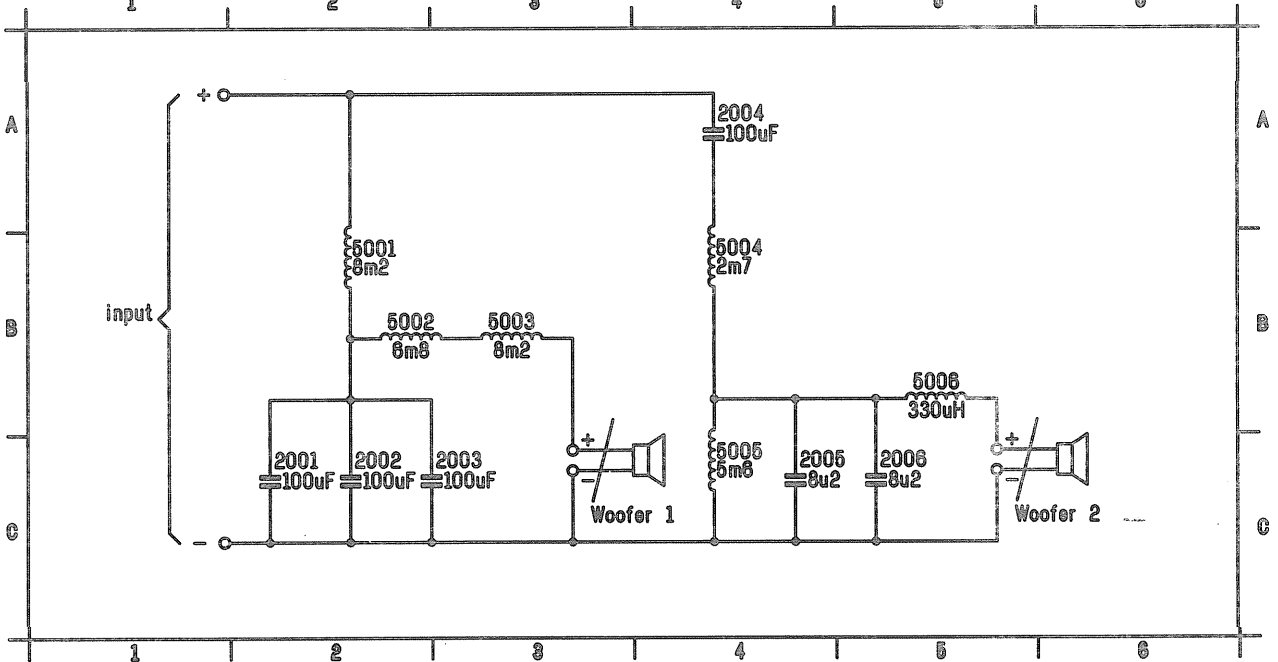
51	4822 532 11874	RING FOR WOOFER
52	4822 240 60308	WOOFER AD80220
53	4822 240 80041	MEMBRANE FOR SQUAWKER
54	4822 535 93008	PIN FIXING
55	4822 325 80223	GROMMET
56	4822 466 82611	STRIP CONNECTOR
57	4822 290 60864	CONNECTOR BLACK
58	4822 290 60865	CONNECTOR RED
59	4822 466 92464	PLATE SUPPORT
60	4822 535 93009	PIN
61	4822 240 80039	MEMBRANE FOR TWEETER
62	4822 502 30599	SCREW
63	4822 240 60308	WOOFER AD80220
64	4822 458 20183	GRILLE FOR TWEETER
65	4822 458 20184	GRILLE FOR SQUAWKER
66	4822 464 90606	FRAME KIT



2102 B 2 2105 B 4 3102 A 2 5102 C 2 5104 C 4
 2104 A 4 3101 A 2 5101 B 2 5103 B 3



2001 C 2 2003 C 2 2005 C 4 5001 B 2 5003 B 3 5005 C 4
 2002 C 2 2004 A 4 2006 C 5 5002 B 2 5004 B 4 5006 B 5



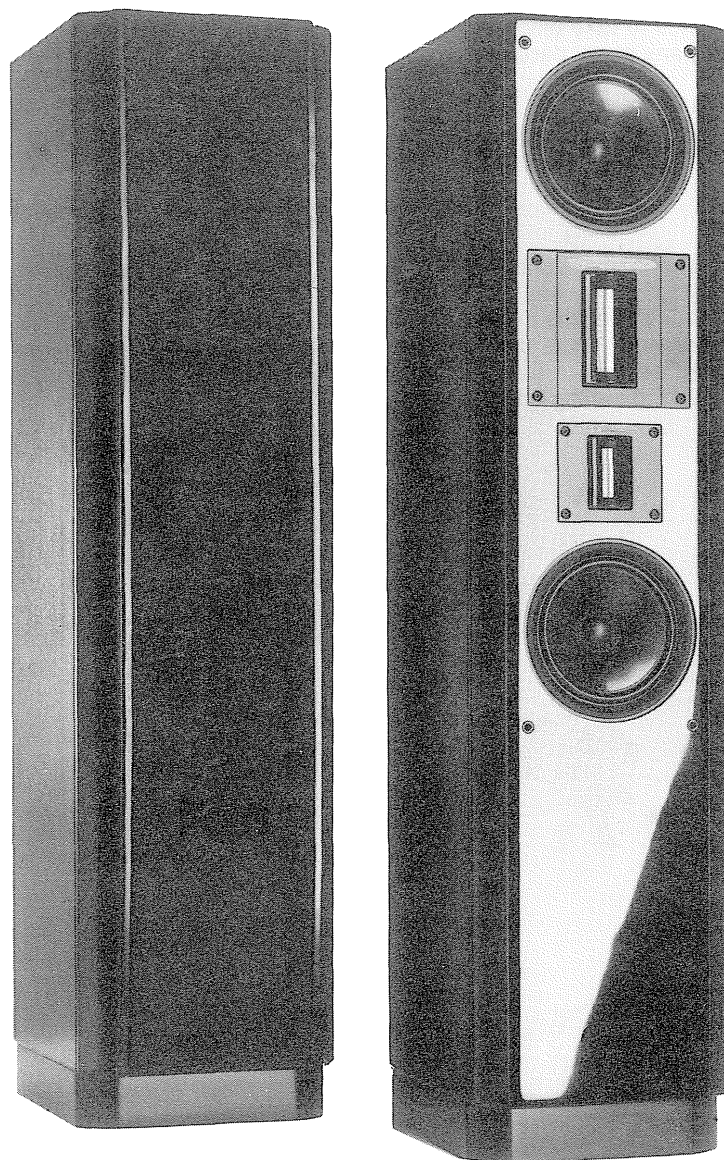
Electrical partslist

2001	4822 121 43407	100µF/250V
2002	4822 121 43407	100µF/250V
2003	4822 121 43407	100µF/250V
2004	4822 121 43407	100µF/250V
2005	4822 121 43407	8,2µF/250V
2005	4822 121 43409	8,2µF/250V *
2006	4822 121 43407	8,2µF/250V
2006	4822 121 43409	8,2µF/250V *
2101	4822 121 43408	5,6µF/250V
2102	4822 121 43409	8,2µF/250V
2103	4822 121 43411	3,9µF/250V
2104	4822 121 43413	0,47µF/250V
2105	4822 121 43412	0,68µF/250V

3101	4822 116 82189	5R6/20WLR-C3
3102	4822 116 82234	RXE90 PTC

5001	4822 157 61162	8,2mH
5002	4822 157 61163	6,8mH
5003	4822 157 61162	8,2mH
5004	4822 157 61165	2,7mH
5005	4822 157 61164	5,6mH
5006	4822 157 61166	0,33mH
5101	4822 157 61168	0,27mH
5102	4822 157 61171	0,39mH
5103	4822 157 61169	0,1mH
5104	4822 157 61172	0,1mH


* FOR FB1000 ONLY



45 098 A

Specifications

Frequency range	: 40 Hz → 40 KHz at -6 dB
Frequency response on axis	: 47 Hz → 32 KHz at +/- 2 dB
Sensitivity	: 86 dB
Cross-overpoints	: 100 Hz, 2.2 KHz, 13 KHz
Nominal impedance	: 7 Ω not falling below 5.6 Ω
Power	: Nominal 180 W max. 300 W
Dimensions	: 1360x400x340(H xDxW)
Weight	: 70 Kg

Adres  <http://www.mfbfreaks.nl/> ▼