

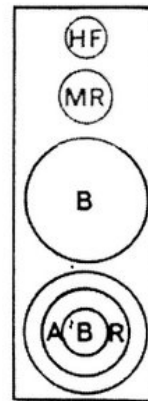
DITTON 66 T.B.C.

DITTON 66 WITH TAGGED BOARD CROSSOVER UNIT

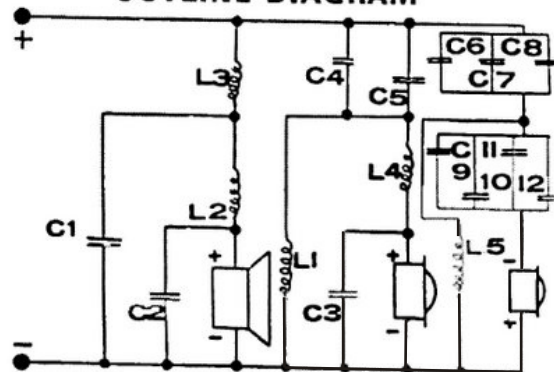
CROSSOVER CIRCUIT DIAGRAM & COMPONENT NUMBERS

C1	72uf	SP1158
C2	72uf	SP1158
C3	4uf	SP1538
C4	6uf	SP1680
C5	24uf	SP546
C6	1.5 uf	SP2173
C7	1.0uf	SP2172
C8	1.5uf	SP2173
C9	1.5uf	SP2173
C10	1.5uf	SP2173
C11	1.5uf	SP2173
C12	1.5uf	SP2173
L1	2.2 mH	SP1358
L2	2.2 mH	SP1358
L3	3.5 mH	SP1359
L4	0.35 mH	SP547
L5	0.14 mH	SP1163

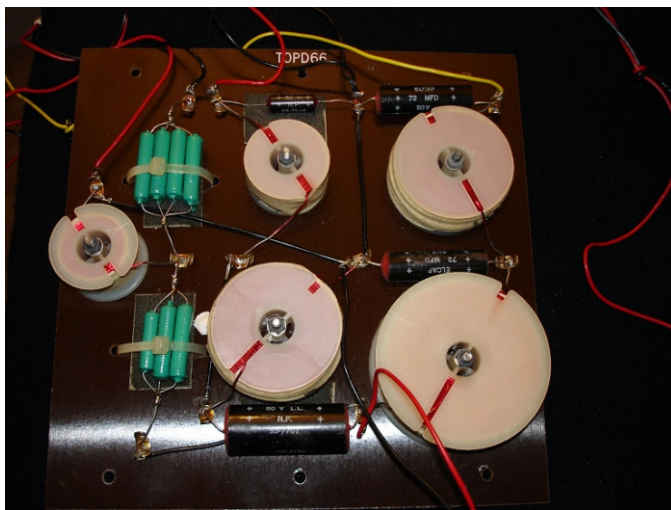
FOR GLUES AND ADHESIVES SEE PAGE 1



OUTLINE DIAGRAM



CROSSOVER CIRCUIT DIAGRAM



Note: Early Tag Board Crossovers (TBC) used air core inductors, the plastic bobbins were introduced later. The first of the veneered baffle models had these fitted.

There never was a MkI and MkII version of the 66. Some of the changes like introducing the MD500 driver roughly considered with the change from Painted fronts "Blackies" to Veneered fronts "Woodies" and owners just presumed this indicated a change in model version, the product was subject to continuous improvements throughout its life.

SPARE PART NUMBERS

			Repair Kit
Cabinet Teak		SP2394/P	
Cabinet Walnut		SP2395/P	
Grille		SP1342/P	
Wired Crossover		T.2013/P	
PC Crossover		T.2500/P	
PC Cable Harness		T.2620/P	
Bass Unit		T.1600/P	T.2619*/P
ABR Unit		T.2182/P	T.2619/R
Mid Unit		T.1806/P	T.2182/R
HF Unit		T.1637/P	T.2618*/P
			T.2618/R
			T.2182/R

* with push on connector

Terminals	Red	SP2087
	Black	SP2088
Plug	Red	SP1399
	Black	SP1400

GENERAL INFORMATION

Introduced in 1974. The grille material has been changed several times. Cabinet now has Leriex finish, wired type crossover network changed for printed circuit type when rear terminals changed.

FOR GLUES AND ADHESIVES SEE
PAGE 1

DITTON 66 P.C.C.

TECHNICAL SPECIFICATION

IMPEDANCE

Nominal 6 ohms to match
4-8 ohm amplifiers

OVERALL FREQUENCY RESPONSE

18 Hz-40 kHz ± 4 dB 50 Hz-25kHz

SENSITIVITY

4.8 watts pink noise for 90 dB SPL

SYSTEM RESONANCE

20 Hz

CROSSOVER FREQUENCIES

500 Hz and 5 kHz

POWER RATING

Maximum Rated Power 160 watts

Programme (without clipping)

20 volts 20 Hz-500 Hz

16 volts 500 Hz-3.8 kHz

7 volts 3.8 kHz-20 kHz

SINE WAVE SWEEP TEST

8 volts at 1 kHz. See Testing. Page 4

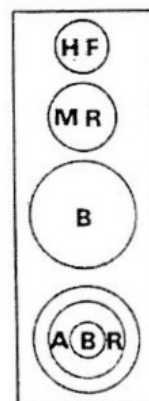
SPEAKER TYPE T NUMBERS

T.2011	T	Standard model
T.2012	W	Standard model
T.2404	T	Cabinet front veneered
T.2405	W	Cabinet front veneered
T.2472	T	New leriex finish
T.2473	W	New leriex finish
T.2492	T	Veneer name plate added
T.2493	W	Veneer name plate added
T.2552	T	New terminals and rear label
T.2553	W	New terminals and rear label
T.2616	T	New p.c. xover introduced
T.2617	W	New p.c. xover introduced

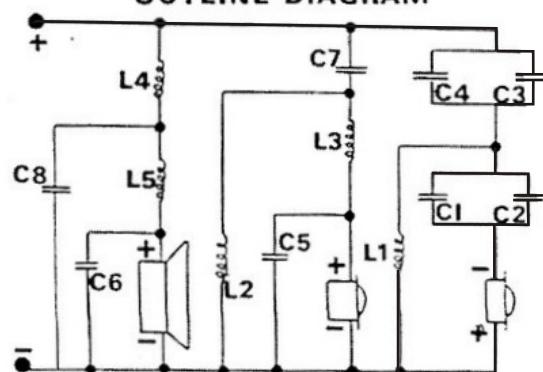
CROSSOVER CIRCUIT DIAGRAM & COMPONENT PART NUMBERS

C1	4.7 mfd	SP2387
C2	1.5 mfd	SP2385
C3	3.3 mfd	SP2386
C4	0.68 mfd	SP2383
C5	4 mfd	SP1538
C6	72 mfd	SP2279
C7	24 mfd	SP2191
C8	72 mfd	SP2279
L1	0.14 mH	SP1163
L2	2.2 mH	SP1358
L3	0.34 mH	SP0547
L4	3.5 mH	SP1359
L5	2.2 mH	SP1358

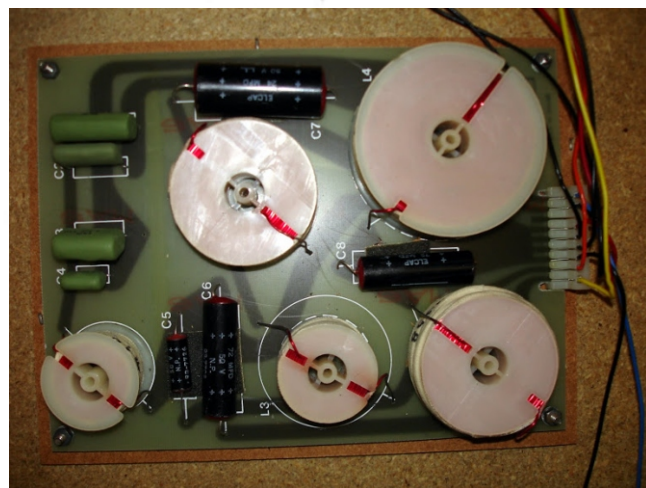
Crossover mounted on cabinet back above terminals. Access through Bass unit cut out.



OUTLINE DIAGRAM



CROSSOVER CIRCUIT DIAGRAM



The Printed Circuit Crossover (PCC)