

seas
Excel

ODIN MKIII

KIT INSTRUCTIONS

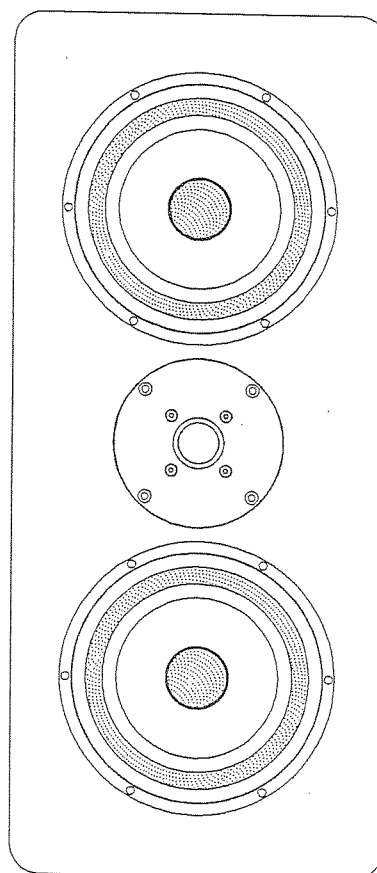
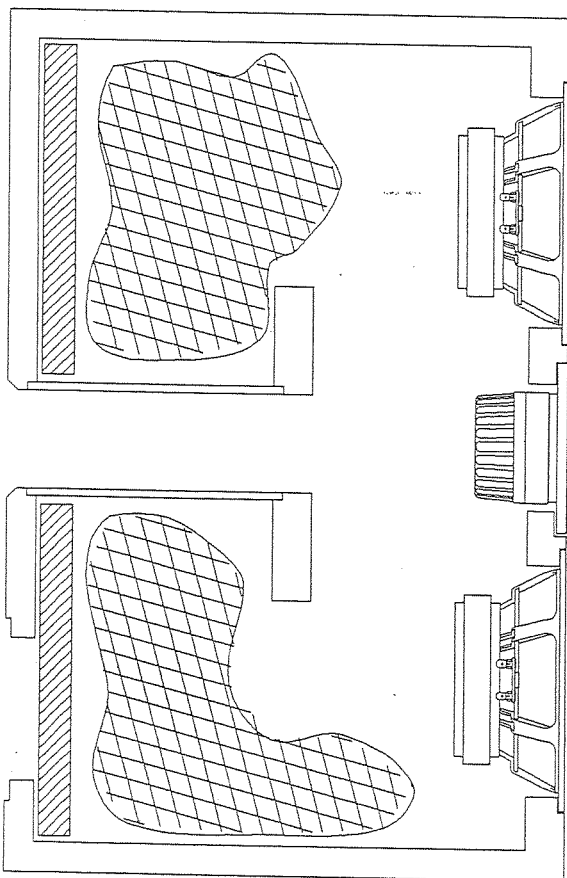
Madisound Speaker Components
(8608 University Green)
BOX 44283
Madison, WI 53744-44283
608-831-3771

PARTS LIST

- 2) ODIN MKIII Cabinets
- 2) T25CF-002
- 4) W18E-001
- 2) ODIN MKIII/THOR crossovers
- 2) TD-Cups
- 1) 10' Foam Tape
- 2) 27"x42" Foam Sheets
- 1) 16oz. of Acousta-Stuf
- 32) #8x1" pan head screws
- 8) #6x3/4" oval head screws
- 1) 18/ 2-FLAT wire
- 1) 36' solder

TOOLS REQUIRED

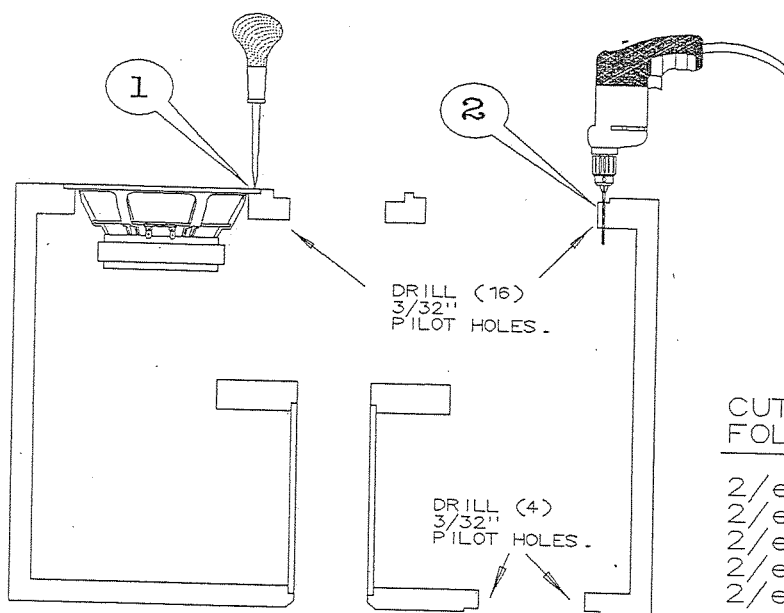
Electric Hand Drill
3/32" Drill Bit
#2 Phillips Head Screwdriver
40w-60w Soldering Pen
Wire Strippers
Razor knife or blade



#1 USING SPEAKERS AND DB-CUP AS
TEMPLATES, MARK FOR PILOT HOLES.

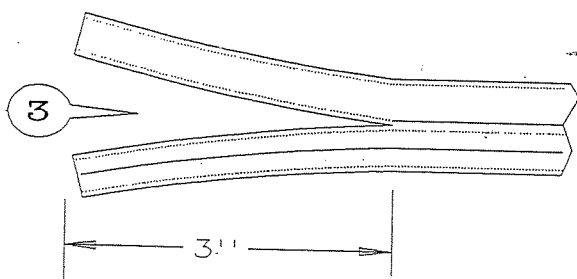
PAGE 1

#2 DRILL (20) 3/32" PILOT HOLES.



CUT 2-FLAT WIRE TO THE
FOLLOWING LENGTHS.

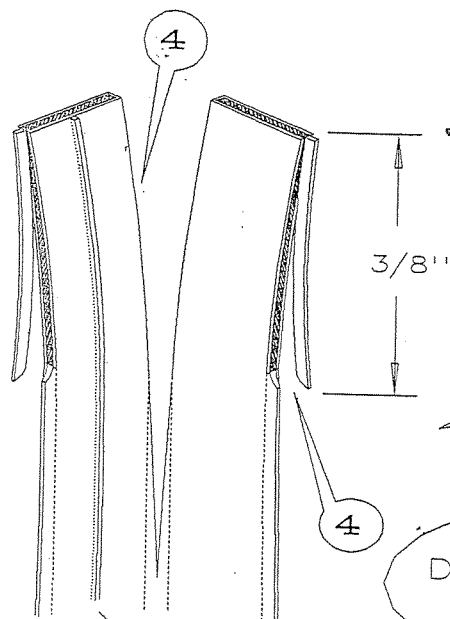
2/ea. 18" TWEETER INPUT
2/ea. 12" WOOFER INPUT
2/ea. 20" TWEETER
2/ea. 34" WOOFER (TOP)
2/ea. 22" WOOFER (BOTTOM)



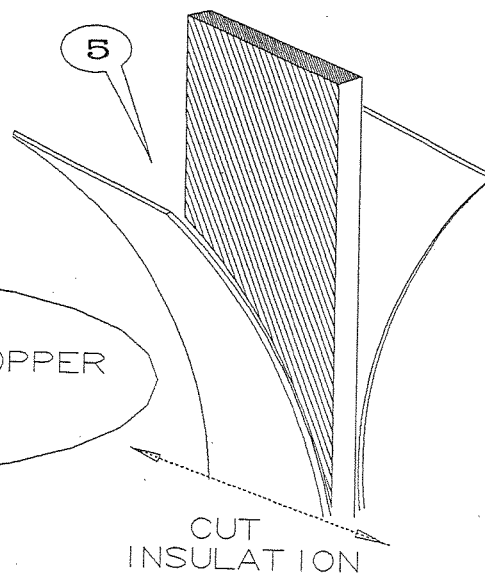
#3 WITH A RAZOR SHARP
KNIFE, SPLIT INSULATION
BACK 3".

#4 SHAVE 3/8" INSULATION OFF
THE 4 EDGES ON EACH END.

#5 PEEL BACK AND CUT OFF
INSULATION ON THE FLAT
SIDES.



* IMPORTANT *
DO NOT SCORE COPPER
WHEN CUTTING
INSULATION!



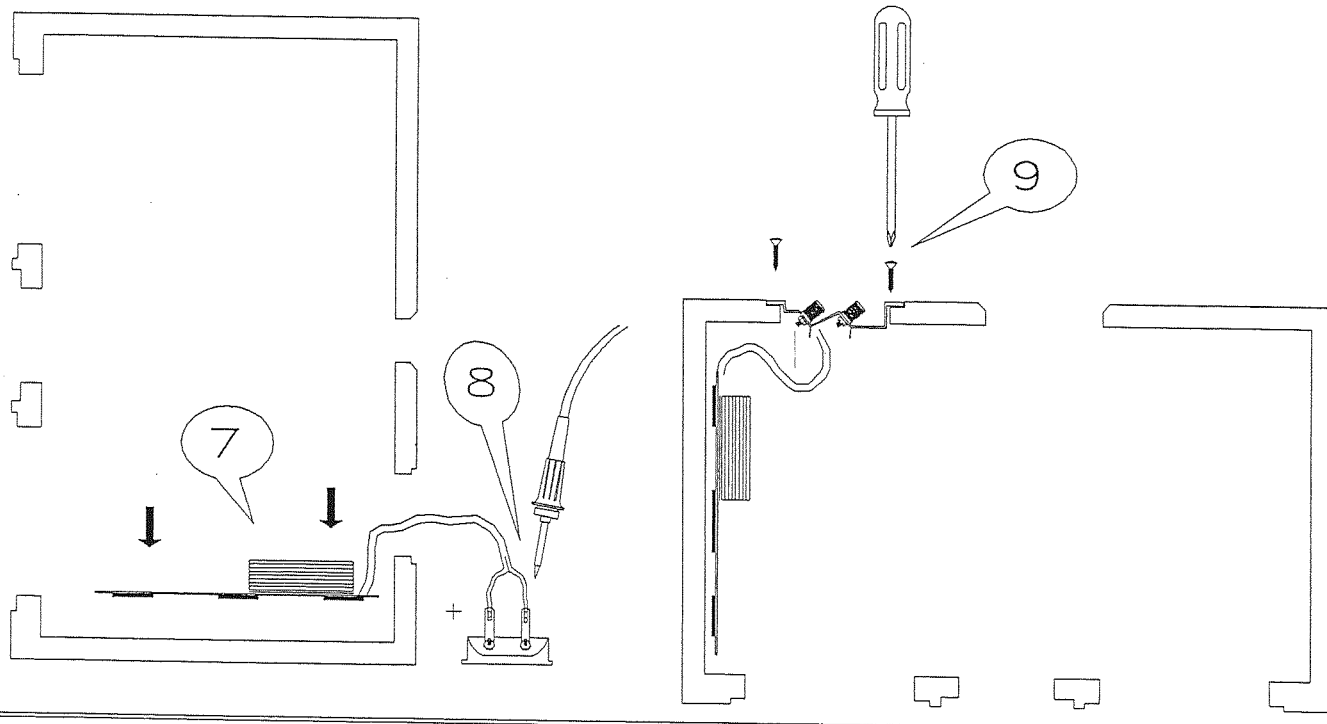
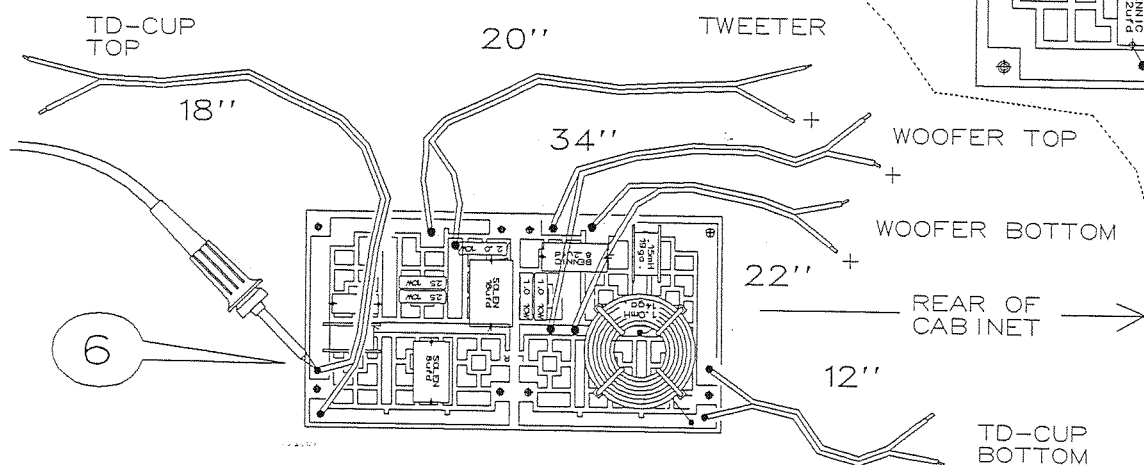
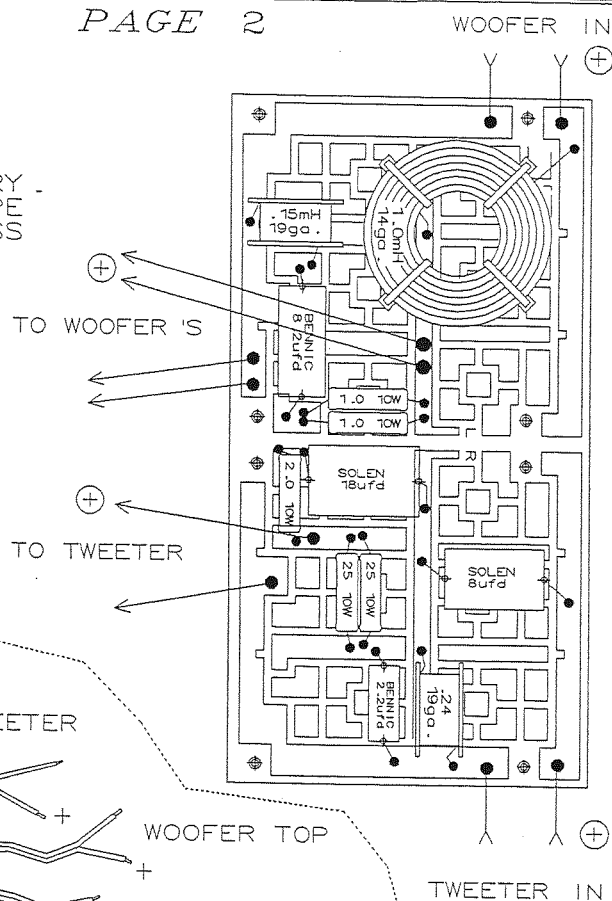
USE RIDGE AS
+ ON ALL LEADS.

CUT
INSULATION

#7 CLEAN THE INSIDE BOTTOM SURFACE OF CABINET WITH DAMP CLOTH. LET DRY. REMOVE BACKING ON DOUBLE STICK TAPE ON BOTTOM OF XOVER. CAREFULLY PRESS XOVER TO BOTTOM OF CABINET. YOU MUST GET THIS RIGHT THE FIRST TIME FOR GOOD ADHESION.

#8 SOLDER INPUT LEADS TO TD-CUP.
TWEETER TOP
WOOFER BOTTOM
OBSERVE POLARITY.

#9 INSTALL TD-CUP WITH 4) #6-3/4" OVAL HEAD SCREWS.



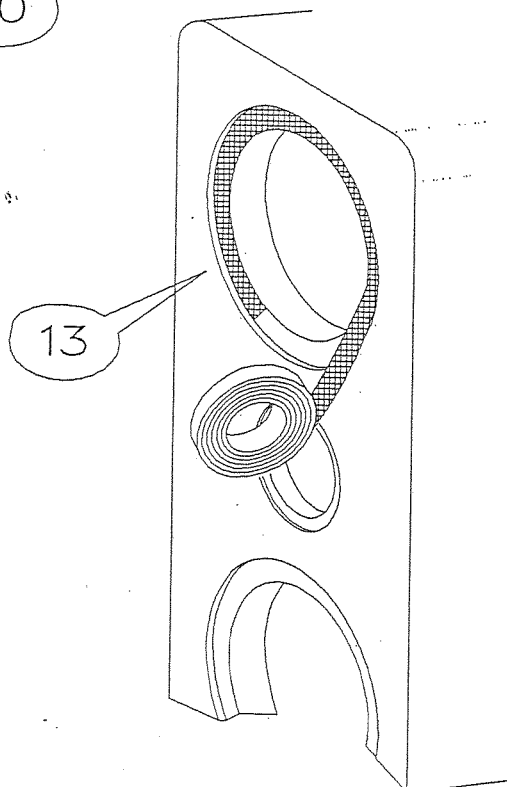
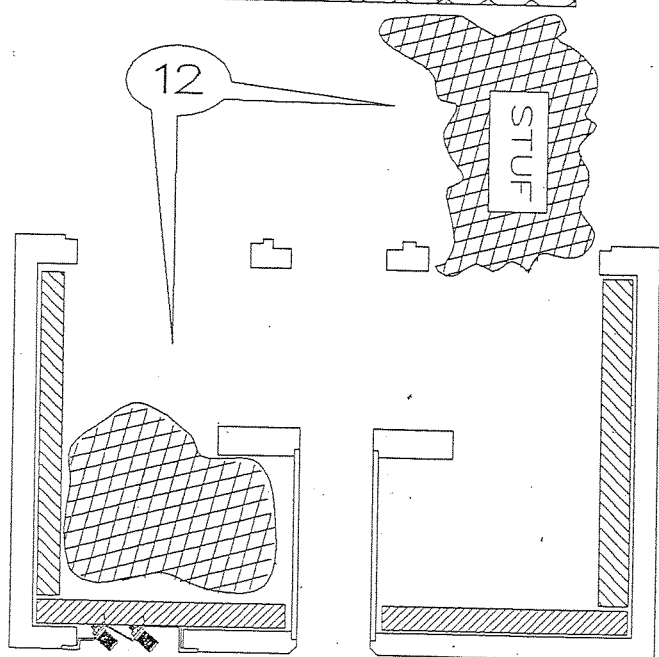
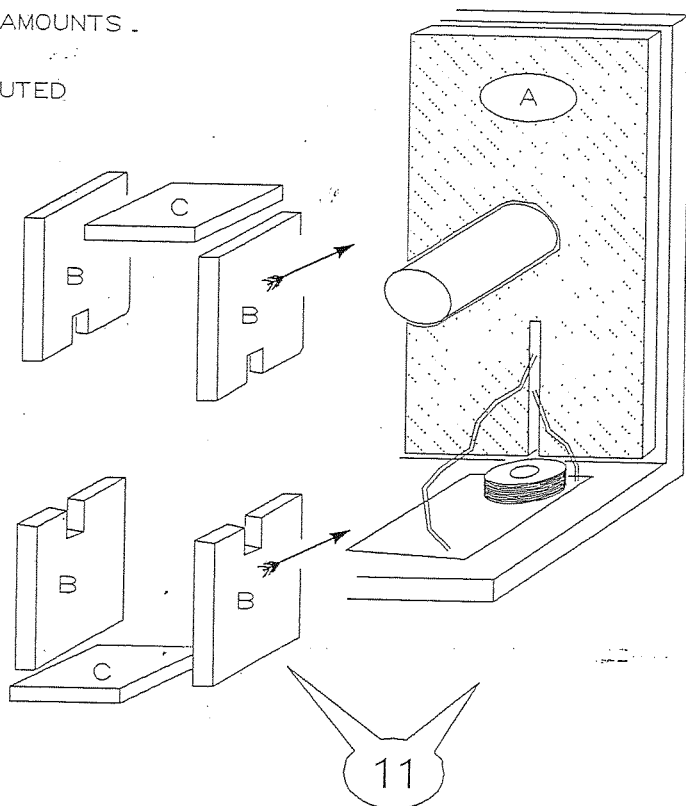
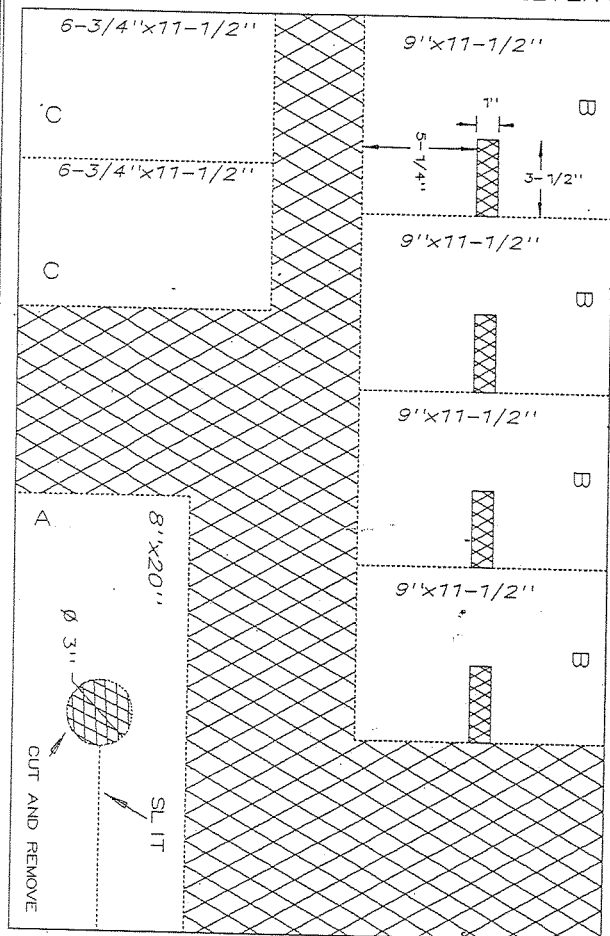
#10 CUT THE 2) 27"x42" FOAM SHEETS INTO
14 SMALLER PIECES AS SHOWN.

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#11 PULL EACH DRIVERS WIRE OUT THROUGH IT'S RESPECTIVE
WIRE HOLE. THEN PLACE FOAM SECTIONS IN CABINET IN THE
ORDER OF A,B&C.

#12 SEPERATE ACOUSTA-STUF INTO 4 EVEN AMOUNTS.
PLACE 2 IN EACH CABINET AS SHOWN.

#13 NEATLY APPLY GASKET TAPE TO THE ROUTED
AREAS FOR WOOFERS AND TWEETER.



14) SOLDER WIRES TO DRIVERS
*OBSERVE POLARITY!!

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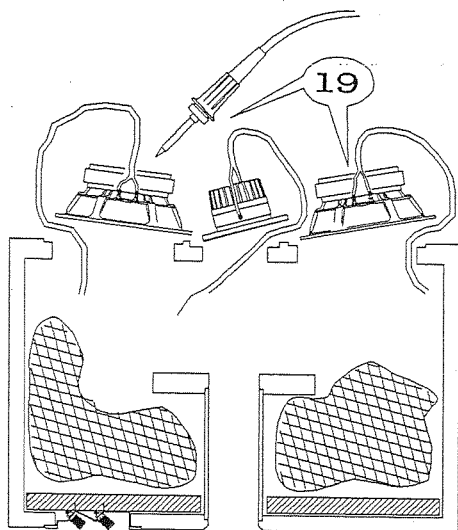
14) ALIGN DRIVERS WITH PILOT HOLES.
SECURE THE DRIVERS WITH #8x1" SCREWS,
TIGHTEN SLOWLY AND EVENLY.

NOTE : WHEN FINISHED WOOFER POLARITY CAN BE
CHECKED WITH A D-CELL BATTERY PLACED
ACROSS THE WOOFER INPUT CUP.
WOOFERS SHOULD MOVE IN THE SAME
DIRECTION.

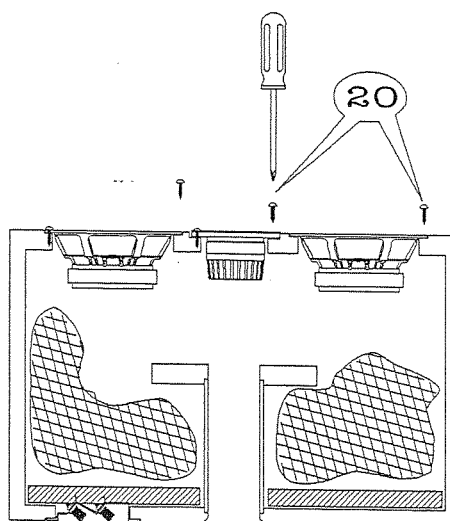
IF THE WOOFER POLARITY IS WRONG,
THE SPEAKER WILL HAVE VERY LITTLE BASS.

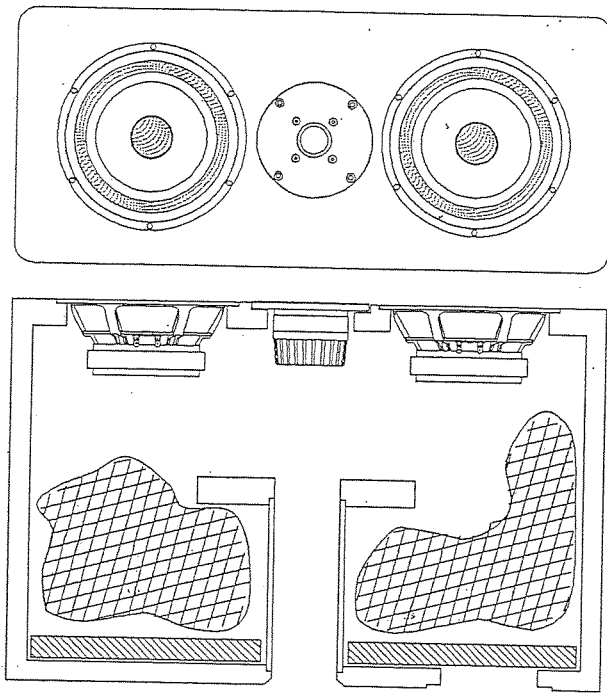
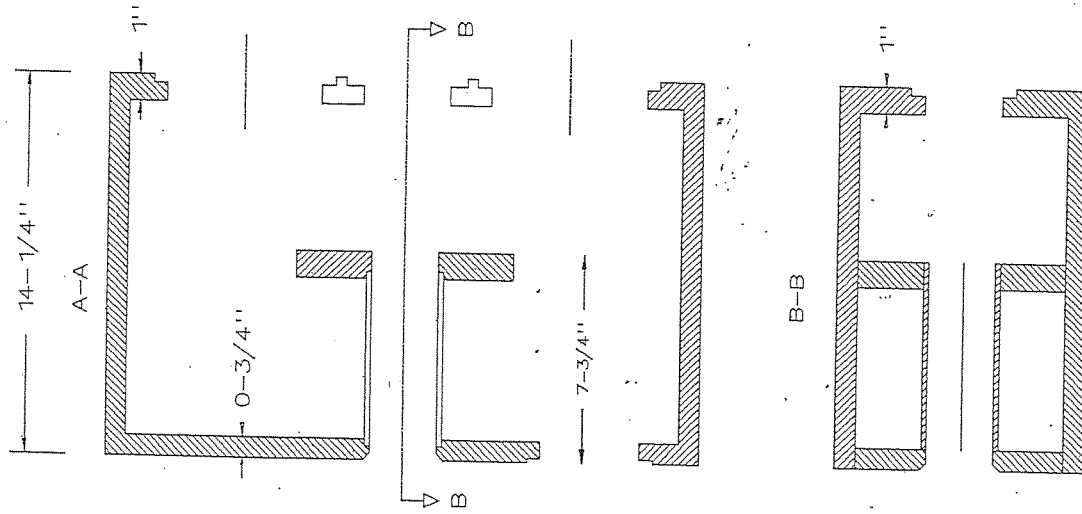
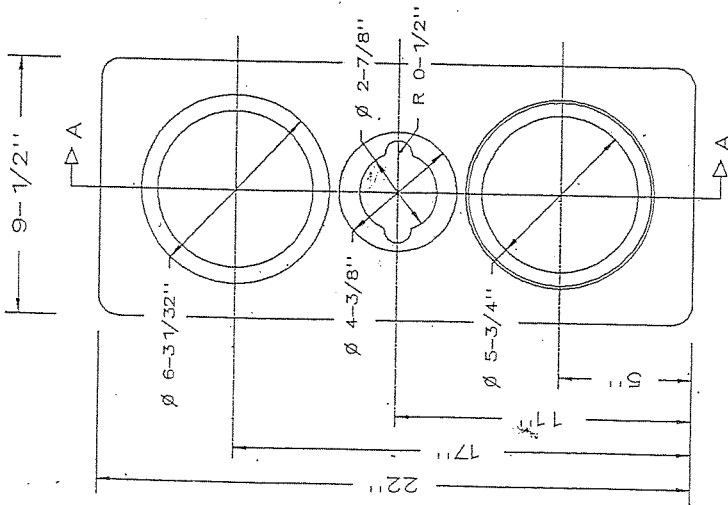
IF THE TWEETER POLARITY IS WRONG
THE MIDRANGE WILL HAVE A DIP
AND SOUND VERY ODD.

ENJOY YOUR NEW SPEAKERS !



OBSERVE POLARITY!





W 18E-00 1x2		APPROVALS		DATE	
T25CF-002		T. ROBERTS		5/02	
		CHECKED			
		DO NOT SCALE DRAWING			
		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.			
		FRACTIONS DECIMALS ANGLES			
		1/64 .001 0.00 0.00			
		.005-.015 R. OR CHAM.			
		REMOVE ALL BURRS & BREAK ALL SHARP EDGES			
		SCALE			
		SIZE			
		DRAWING NO.			
		DRAWING #			
		REV.			
		SHEET			
		OF			

MADISOUND SPEAKERS

ODIN-Mk3

DRAWING # 1

DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

REMOVE ALL BURRS & BREAK ALL SHARP EDGES .005-.015 R. OR CHAM.