Technical Manual

4312MkII R/L

ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance: 6Ω
- Max Amp Power 150 watts*
- Frequency Response 45 Hz - 22 kHz (-6dB)
- Sensitivity: 93dB@2.83 volts/1 meter
- Crossover Frequency: 2000Hz, 5000Hz

SYSTEM COMPONENTS:

- Cabinet 4312 MkII R/L (Not for Sale)
- Grille:
  - Grill (Blk) 61989
  - Grill (Blue) 61989-01
- Low-Frequency Transducer 2213H
  DC Resistance 5.0 Ω±10%
- Mid-Frequency Transducer 104H-3
  DC Resistance 4.3 Ω±10%
- High-Frequency Transducer: 74856 (052Ti)
  DC Resistance 3.5 - 3.8 Ω
- Crossover Network 332276-001

AURAL SWEEP TEST SPECIFICATIONS:

- System Aural Sweep Test 6.0V Input 40 Hz to 22 kHz
- L.F. Aural Sweep Test 5.0V Input 40 Hz to 2.5 kHz
- M.F. Aural Sweep Test 4.0V Input 1 kHz to 6 kHz
- H.F. Aural Sweep Test 2.83V Input 4 kHz to 22 kHz

PHYSICAL SPECIFICATIONS:

- Enclosure dimensions: 23-1/2" x 14-1/4" x 11-3/4" (597mm x 368mm x 298mm)
- Weight 48 lbs (21.7 kg) Each

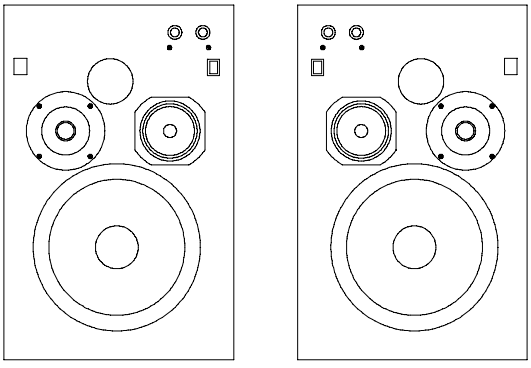
WARRANTY:

- Refer to Warranty Statement packed with each product.

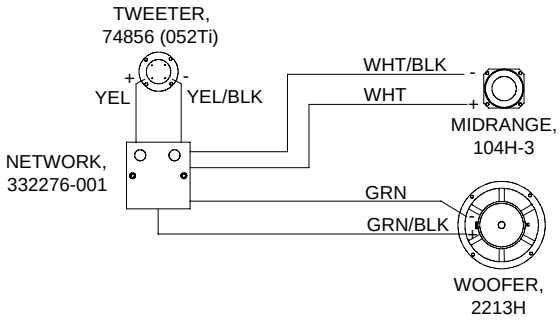
* The maximum recommended amplifier power rating will ensure proper system headroom to allow for occasional peaks. We do not recommend sustained operation at these maximum power levels.

PARTS LIST

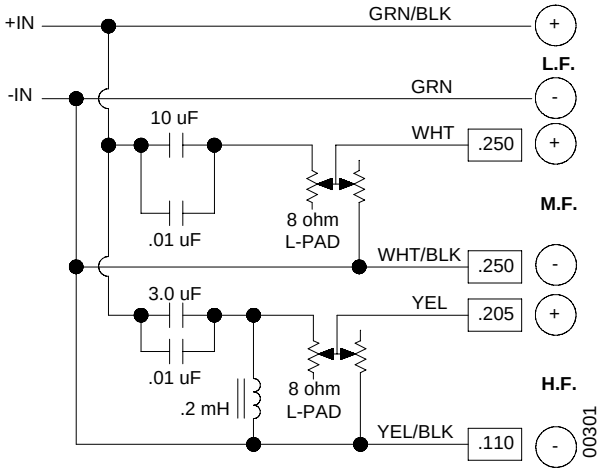
DESCRIPTION	PART NO.
WOOFER GASKET	32756-01
PORT TUBE	52211
GASKET (TWT)	66553
FLOWER POT	76041
OUTER CARTON	334889-001
WARRANTY CARD	331994-001
END PAD (2)	47218-01
T-NUT (4)	61861
DAMPING PAD	73906
DUAL TERMINAL	323892-001
FACEPLATE (TWT)	68643-02



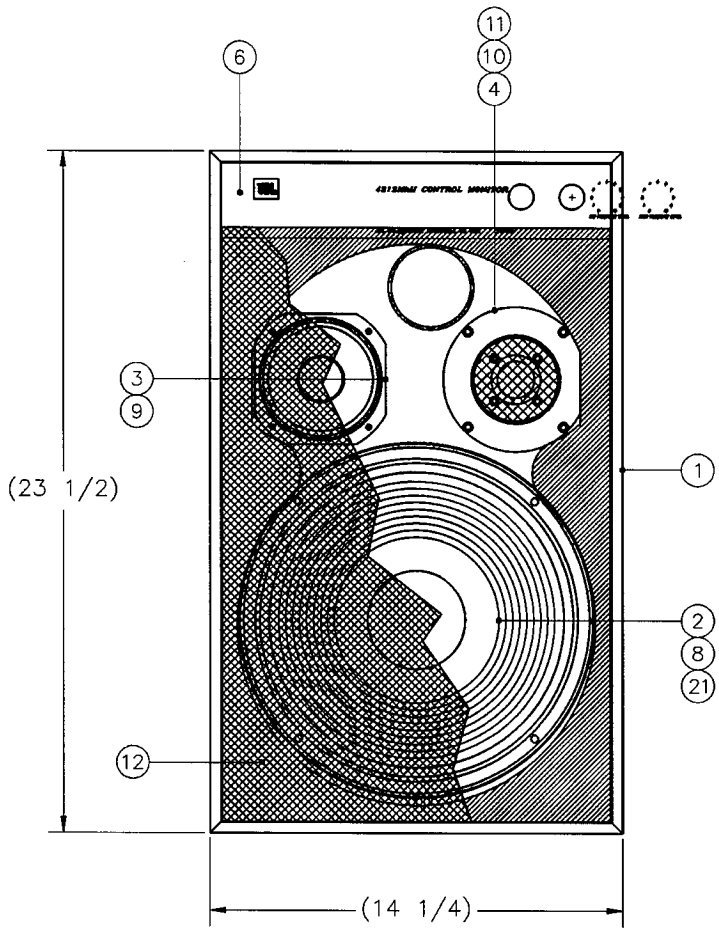
WIRING DIAGRAM

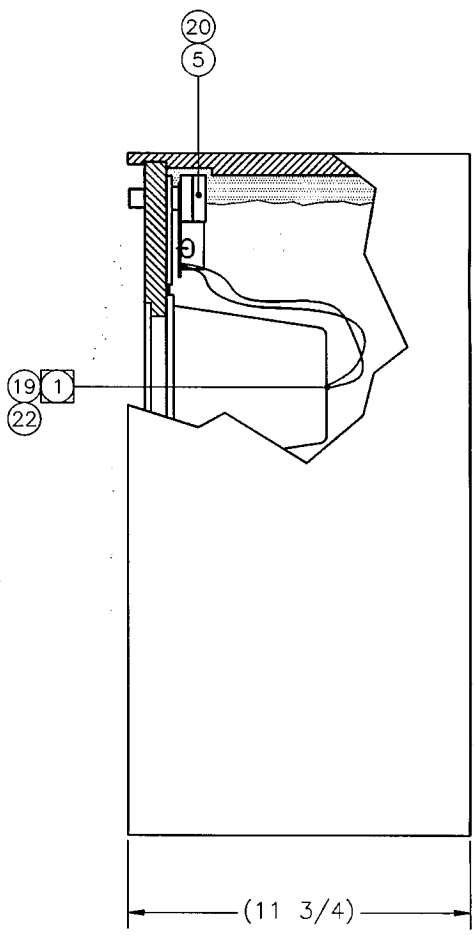


4312MKII R/L SCHEMATIC



4312MkII R/L

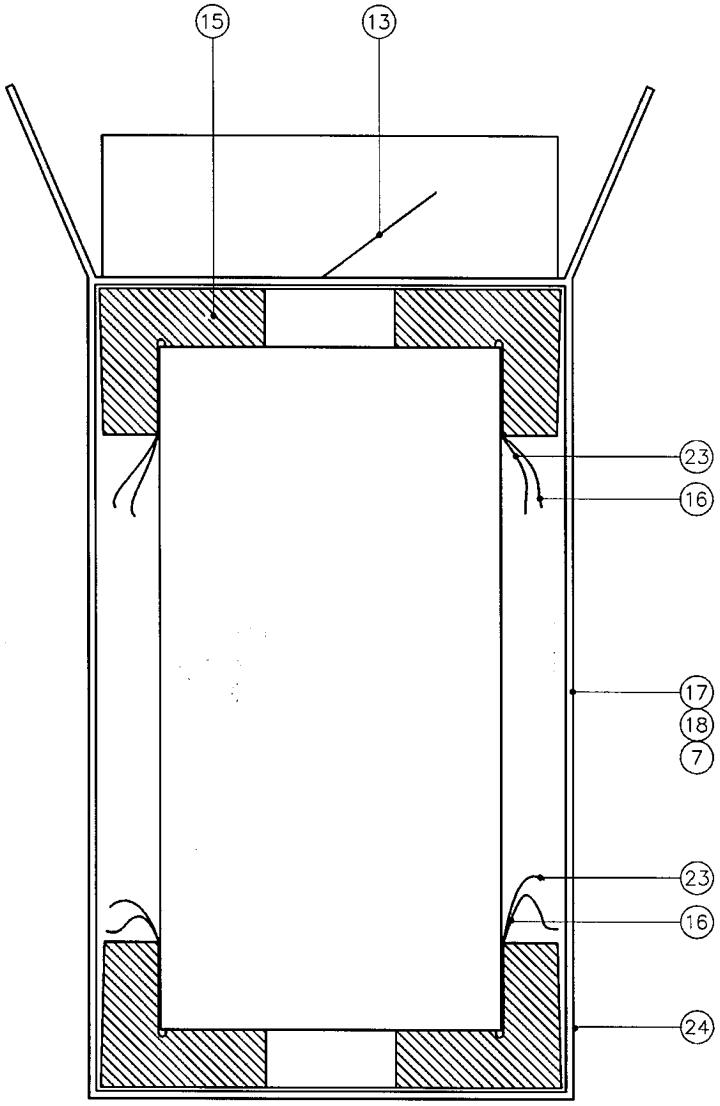




[1] SEAL MID-RANGE WITH STRIP CAULK, ITEM 19 & ADHESIVE, ITEM 22.

NOTES: (UNLESS OTHERWISE SPECIFIED)

REVISIONS						
CHG	LTR	DESCRIPTION	DRFT	CHK	DATE	APPR
18706	A	REL. FOR PROD.-001 THRU -004	BC	HF	9/9/96	AL
18990	B	DEL. OWNER MANUAL, ITEM 14	BC	HF	9/24/96	AL
19106	C	ADD ITEM24, DEL. NOTE 2	HF	HF	10/10/96	MB
20225	D	PROD. REL. -005, -006	DM	HF	5/16/97	AL



PART NO.	DESCRIPTION	REMARKS
332266-001	S/M, 4312MKIIWXL	OPPOSITE
332266-002	S/M, 4312MKIIWXR	AS SHOWN
332266-003	S/M, 4312MKIIGYL	OPPOSITE
332266-004	S/M, 4312MKIIGYR	AS SHOWN
332266-005	S/M, 4312MKIIDGL	OPPOSITE
332266-006	S/M, 4312MKIIDGR	AS SHOWN

SEE SEPARATE PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCH-[MM]
BREAK SHARP EDGES .016 INCH
TOLERANCES (UNLESS OTHERWISE SPECIFIED)
X.XXX ± .005 INCH
X.XX ± .010 INCH
X.X ± .030 INCH ANGULAR TOLERANCE OF 0°±30'
FRACTIONAL DIMENSIONS ± 1/32
ALL DIMENSIONS ARE FINISHED DIMENSIONS

THIRD ANGLE PROJECTION

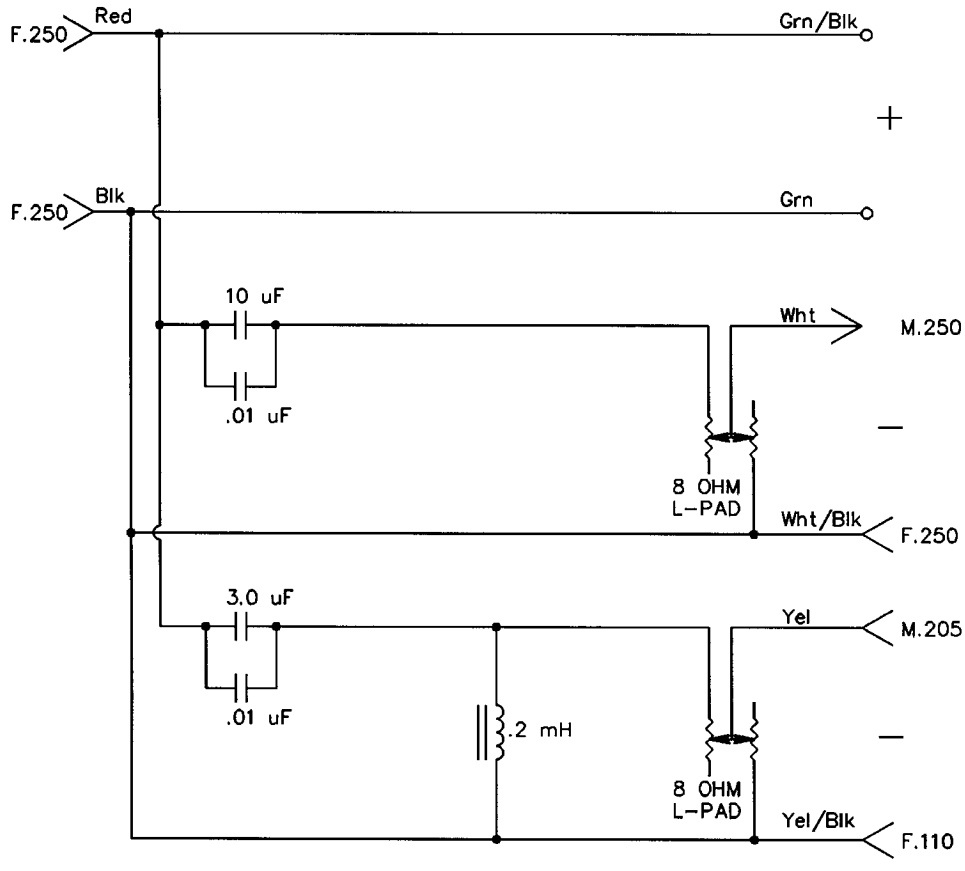
DRAWN	BC DATE
ME/CHECKER	— DATE
ENGR	— DATE
MODELS USED ON	NOTED

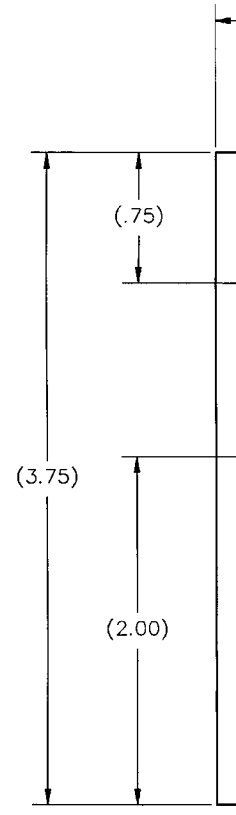
harman consumer group
A Harman International Company
Northridge, California 91329. U.S.A.

TITLE: S/M 4312MKII

SIZE: D | DRAWING NO.: 332266 | REV: D

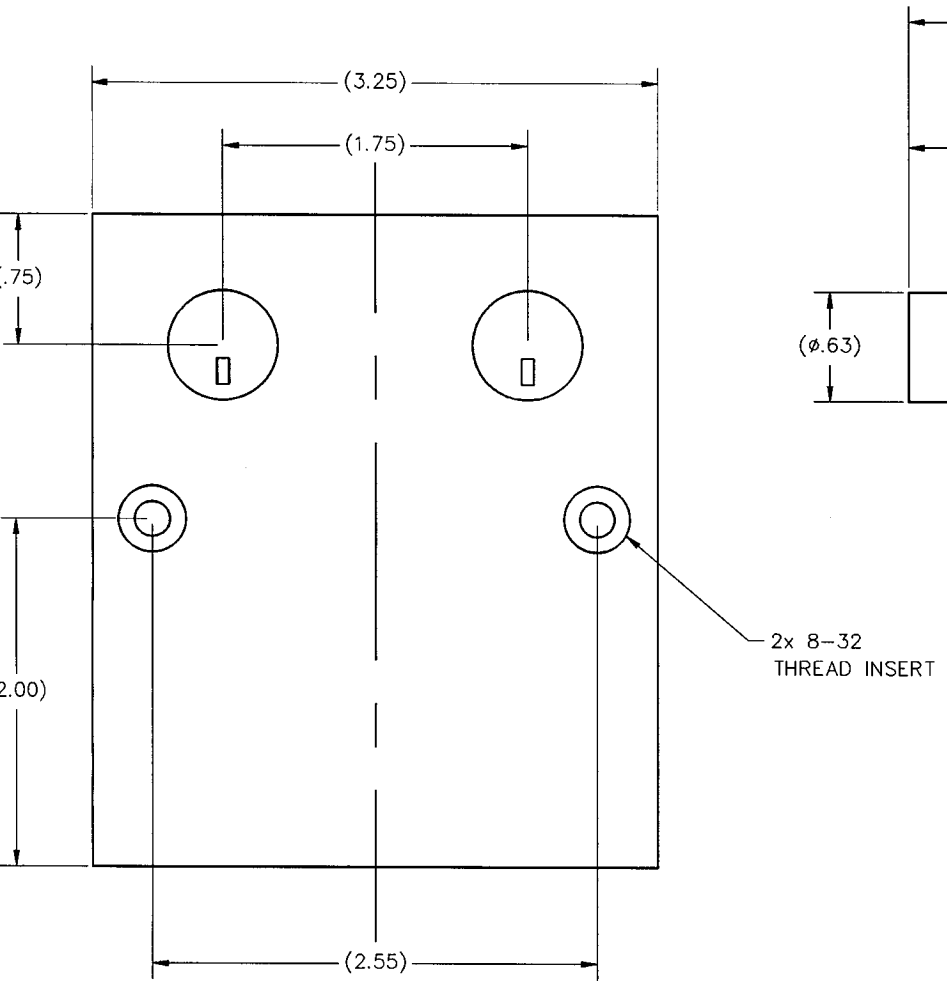
SCALE 1/3 | SHEET 1 OF 1

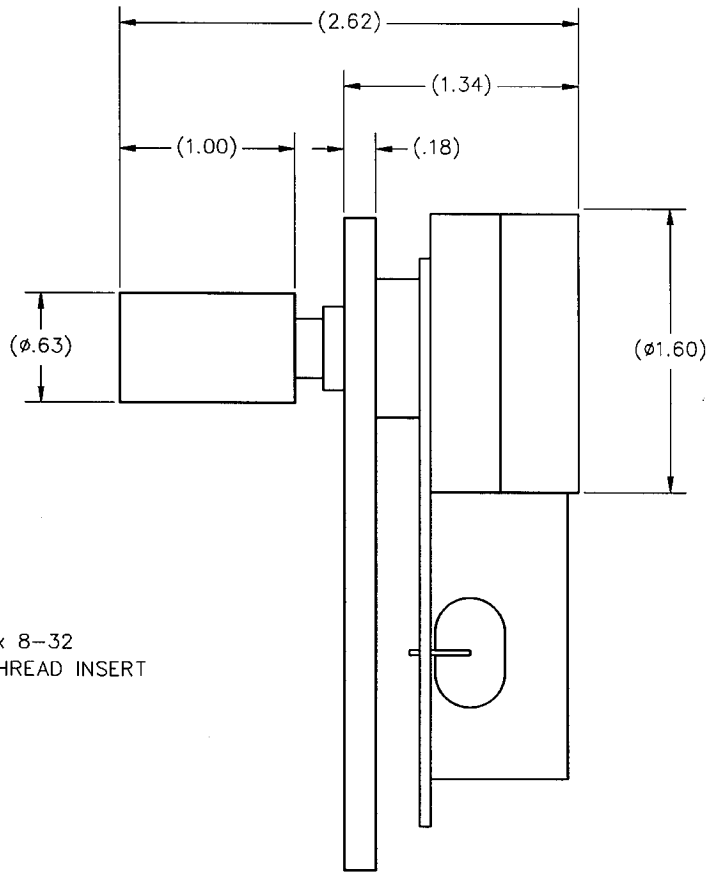




NOTES: (UNLESS OTHERWISE SPECIFIED)

REVISIONS						
CHG	LTR	DESCRIPTION	DRFT	CHK	DATE	APPR
18706	A	REL. FOR PROD.–001	BC	HF	9/10/96	GT
19040	B	ADD DIM & CHG WIRE COLOR	BC	HF	9/30/96	GT





PART NO.	DESCRIPTION	REMARKS
332276–001	X–OVER, W/KNOB	

THIRD ANGLE PROJECTION

TOLERANCES (UNLESS OTHERWISE SPECIFIED)

X.XXX ± .005 INCH
X.XX ± .010 INCH
X.X ± .030 INCH ANGULAR TOLERANCE OF 0°±30'
FRACTIONAL DIMENSIONS ± 1/32

ALL DIMENSIONS ARE FINISHED DIMENSIONS

DRAWN 8/29/96 BC
ME/CHECKER
ENGR.
MODELS USED ON 4312MkII

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TITLE X–OVER, W/ KNOB

SIZE D | DRAWING NO. 332276 | REV B

SCALE: 1/1 | SHEET 1 OF 1