

Technical Manual

Beta 10



ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance 8Ω
- Max Amp Power 125 watts*
- Frequency Response 60Hz – 20kHz (±3dB)
55Hz – 40kHz (–6dB)
- Sensitivity 88dB (2.83V @ 1 meter)
- Crossover Frequency 3.4kHz; 12dB/Octave

SYSTEM COMPONENTS:

- Cabinet Beta 10
(Not for Sale)
- Grille Black (for BLK) 352063-003
Gray (for BE & CH) 352063-004
- Low-Frequency Transducer 5" (127mm) CMMD™
magnetically shielded 351502-001
- DC Resistance 4.3 ohms ±10%
- High-Frequency Transducer 1" (25mm) CMMD™
magnetically shielded 351572-001
- DC Resistance 3.5 ohms ±10%
- Crossover Network 351571-001

AURAL SWEEP TEST SPECIFICATIONS:

- System Aural Sweep Test 6.0V Input 60Hz to 20kHz
- L.F. Aural Sweep Test 5.0V Input 60Hz to 3kHz
- H.F. Aural Sweep Test 2.83V Input 2kHz to 20kHz

PHYSICAL SPECIFICATIONS:

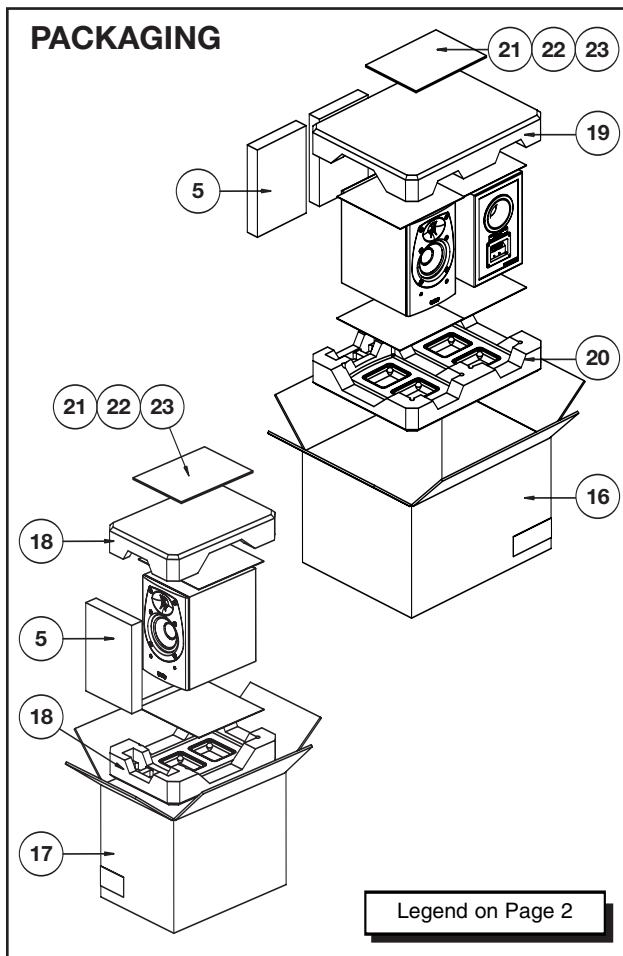
- Dimensions 11-13/16" x 7-1/2" x 11-7/16"
(300mm x 190mm x 290mm)
- Weight 14 lb (6.4kg) Each
28 lb (12.7kg) Sold in Pairs

WARRANTY:

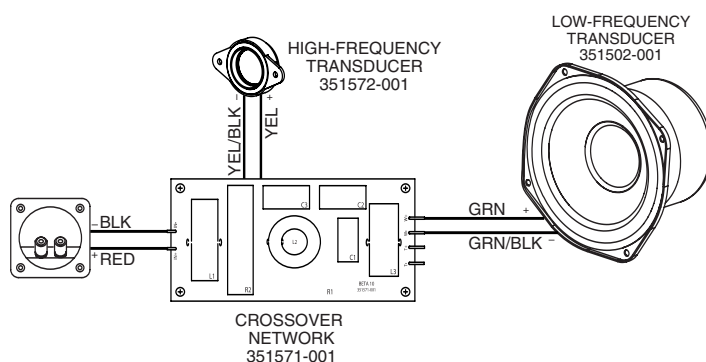
- Refer to Warranty Statement packed with each product.

* 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.

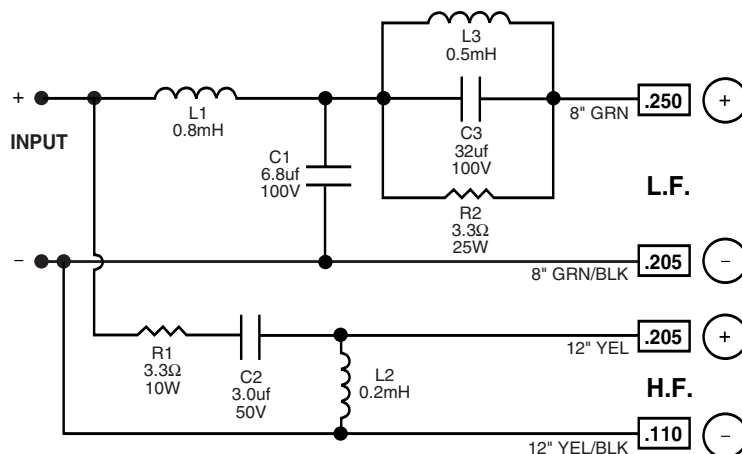
PACKAGING



Beta 10 WIRING DIAGRAM



Beta 10 SCHEMATIC

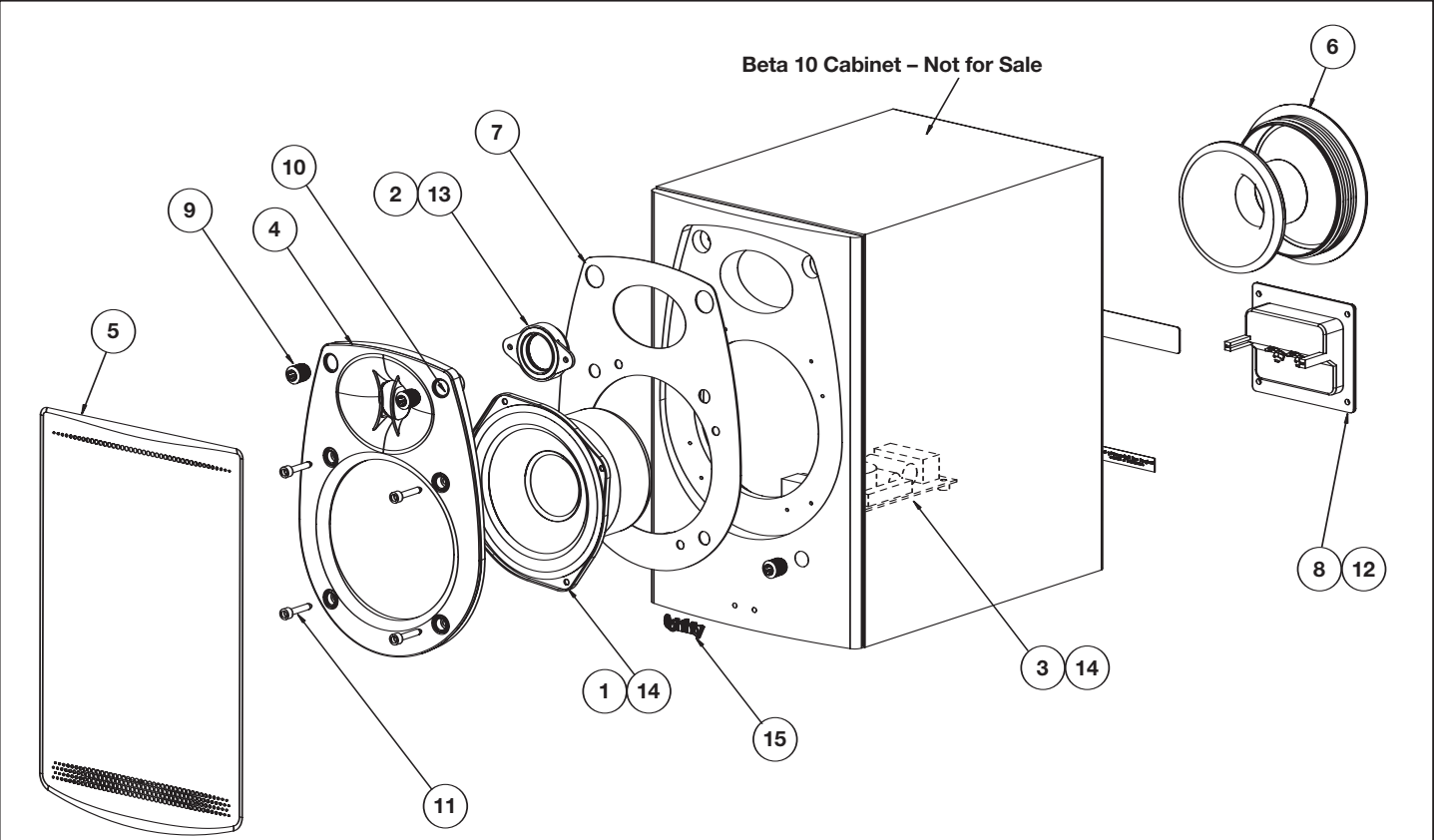


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EXPLODED VIEW



ITEM NO.	DESCRIPTION	QTY.	PART NO.	ITEM NO.	DESCRIPTION	QTY.	PART NO.
1.	Woofer, BT130HWS	1	351502-001	13.	Screw (tweeter mounting) MS, PPH, H/L, 6-19 x .375"	2	905401-006
2.	Tweeter	1	351572-001	14.	Screw (woofer/network) #6 x .75", PH, PB, BLK ZINC	8	63563
3.	Crossover Network	1	351571-001	15.	Logo, Gold/Silver Infinity	1	351617-001
4.	Faceplate, Black (for BK)	1	351824-001	16.	Carton-Beta10BK-Pair Pack	1	352035-001
	Faceplate, Gray (for BE & CH)	1	351824-002		Carton-Beta10BE-Pair Pack	1	352035-002
5.	Assembly, Grille, Black (for BK)	1	352063-003		Carton-Beta10CH-Pair Pack	1	352035-003
	Assembly, Grille, Gray (for BE & CH)	1	352063-004	17.	Carton-Beta10BK-Single Pack	1	352983-001
6.	Assembly, Port Tube	1	351802-001		Carton-Beta10BE-Single Pack	1	352983-002
7.	Gasket, Faceplate	1	351920-001		Carton-Beta10CH-Single Pack	1	352983-003
8.	Terminal Cup w/Binding Posts	1	338567-001	18.	End Pad, Top & Bottom Single Pack	2	352984-001
9.	Cup, Grille (Black for BK)	4	333249-001	19.	End Pad, Top Pair Pack	1	352037-001
	Cup, Grille (Gray for BE & CH)	4	333249-003	20.	End Pad, Bottom Pair Pack	1	352037-002
10.	Screw (faceplate 2 top screws only) PB, FPH, #6 x .75"	2	907502-012	21.	Foot, Bump-on, 3M SJ5744 (set)	1	330104-001
11.	Screw (faceplate bottom 4 screws) PB, HXS, #8 x 1" BLK	4	903802-016	22.	Owner's Manual	1	352036-001
	BLACK ONLY #8 x 1" 10HD 5/32 DR	4	72216	23.	5-Year Warranty Card, Infinity	1	335841-003
12.	Screw (terminal cup) PB, OVHDPH, #6 x .75"	4	61867				

TO SERVICE THE BETA 10

1. Remove the grille.
2. Remove the (2) rubber grille retainers on the mid/twt faceplate; this can be accomplished by carefully pulling them out of their cavities with long-nosed pliers or similar tool.
3. Remove the (2) Phillips screws that are now exposed.
4. Remove the (4) remaining Hex screws on the front faceplate.
5. Carefully separate the front faceplate, with tweeter attached, from the cabinet.
6. Remove (4) remaining woofer screws if necessary.