

Technical Manual

Beta C250



ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance 8Ω
- Max Amp Power 150 watts*
- Frequency Response 55Hz – 20kHz (±3dB)
50Hz – 40kHz (–6dB)
- Sensitivity 90dB (2.83V @ 1 meter)
- Crossover Frequency 2.4kHz; 12dB/Octave

SYSTEM COMPONENTS:

- Cabinet Beta C250
(Not for Sale)
- Grille Black (for BLK) 352009-003
Gray (for BE & CH) 352009-004
- Low-Frequency Transducer Dual 5" (127mm) CMMD™
magnetically shielded 351503-001
- DC Resistance 10.1 ohms ±10%
- High-Frequency Transducer 1" (25mm) CMMD™
magnetically shielded 351572-001
- DC Resistance 3.5 ohms ±10%
- Crossover Network 351680-001

AURAL SWEEP TEST SPECIFICATIONS:

- System Aural Sweep Test 6.0V Input 50Hz to 20kHz
- L.F. Aural Sweep Test 5.0V Input 50Hz to 3kHz
- H.F. Aural Sweep Test 2.83V Input 2kHz to 20kHz

PHYSICAL SPECIFICATIONS:

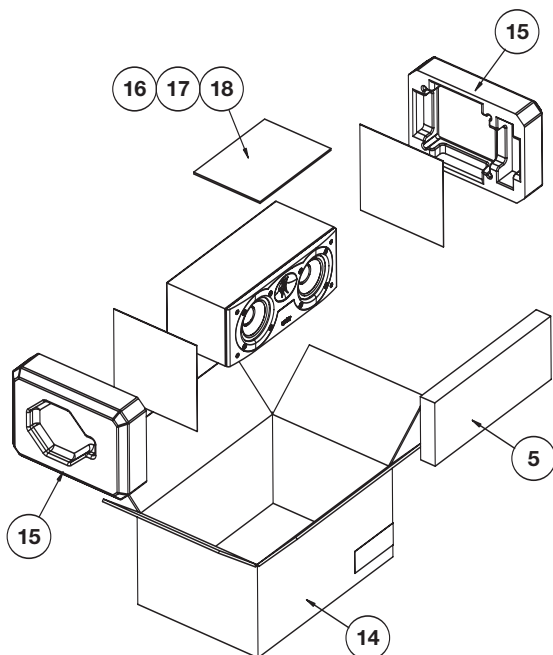
- Dimensions 6-11/16" x 17" x 8-3/8"
(170mm x 430mm x 212mm)
- Weight 16 lb (7.3kg) Each

WARRANTY:

- Refer to Warranty Statement packed with each product.

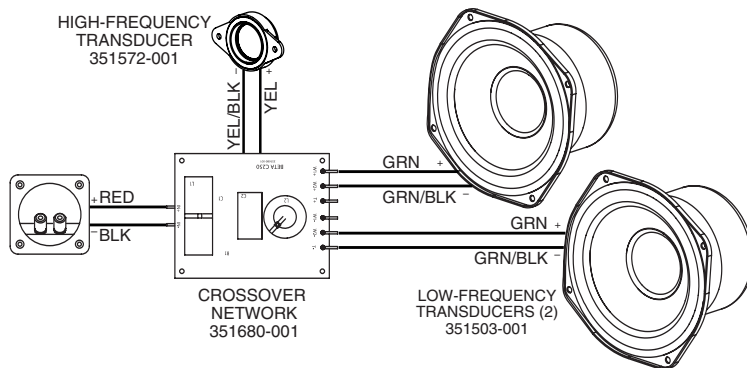
* The maximum recommended amplifier power rating will ensure proper system headroom to allow for occasional peaks. We do not recommend sustained operation at these maximum power levels.

PACKAGING

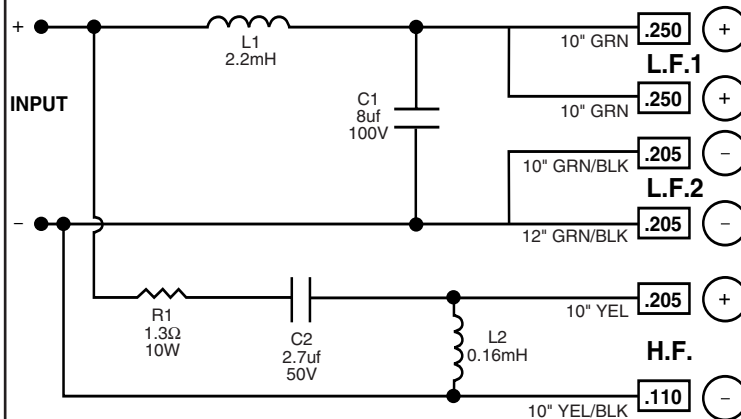


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Beta C250 WIRING DIAGRAM



Beta C250 SCHEMATIC

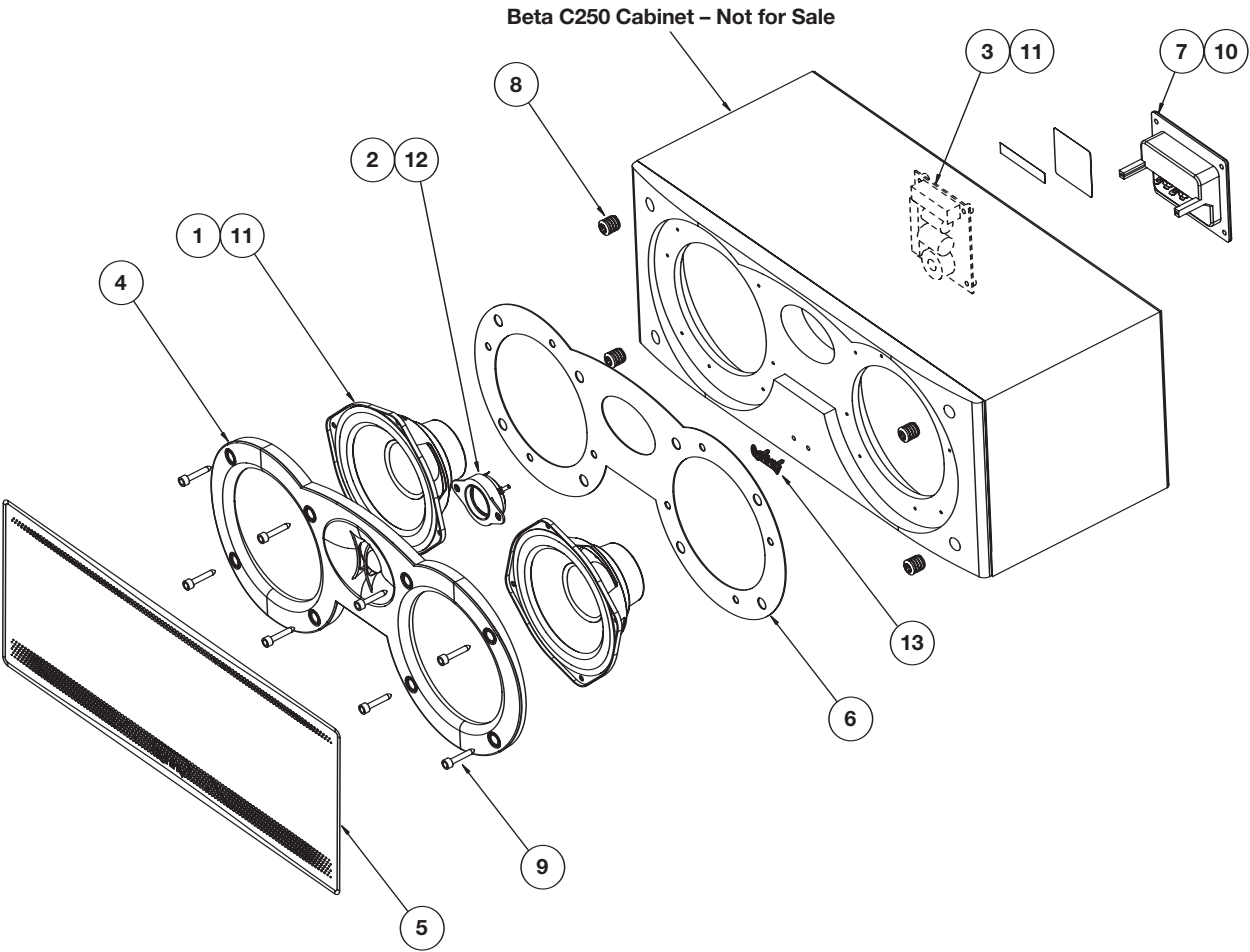


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EXPLODED VIEW



ITEM NO.	DESCRIPTION	QTY.	PART NO.	ITEM NO.	DESCRIPTION	QTY.	PART NO.
1.	Woofer, BT130JWS	2	351503-001	10.	Screw (terminal cup) PB, OVHDPH, #6 x .75"	4	61867
2.	Tweeter	1	351572-001	11.	Screw (woofer/network) #8 x .75", PB, PPH, BLK	12	63563
3.	Crossover Network	1	351680-001	12.	Screw (tweeter mounting) MS, PPH, H/L, 6-19 x .375"	2	905401-006
4.	Faceplate, Black (for BK)	1	351672-001	13.	Logo, Gold/Silver Infinity	1	351617-001
	Faceplate, Gray (for BE & CH)	1	351672-002	14.	Carton-BetaC250BK	1	352133-001
5.	Assy, Grille, Black (for BK)	1	352009-003		Carton-BetaC250BE	1	352133-002
	Assy, Grille, Gray (for BE & CH)	1	352009-004		Carton-BetaC250CH	1	352133-003
6.	Gasket, Faceplate	1	351943-001	15.	End Pad, Sides	2	352134-001
7.	Terminal Cup w/Binding Posts	1	338567-001	16.	Foot, Bump-on, 3M SJ5744 (set)	1	330104-001
8.	Cup, Grille (Black for BK)	4	333249-001	17.	Owner's Manual	1	352036-001
	Cup, Grille (Gray for BE & CH)	4	333249-003	18.	5-Year Warranty Card, Infinity	1	335841-003
9.	Screw (faceplate) PB, HXS, #8 x 1" BLK	8	903802-016				
	BLACK ONLY #8 x 1" 10HD 5/32 DR	8	72216				

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