

Technical Manual

JBL Control 322C/CT



PROFESSIONAL

SPECIFICATIONS

ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance: 8 ohms
- Power Capacity: 400 Watts Continuous Pink Noise
- Frequency Response: 32 Hz – 20 kHz (–10 dB)
- System Sensitivity: 95 dB SPL (1 watt @ 1 meter)
- Crossover Freq.: 1.4 kHz

SYSTEM COMPONENTS:

- Low Frequency Transducer: 304 mm (12 in) Kevlar cone
- DC Resistance: 5.6 ohms ±10%
- High Frequency Transducer: 25 mm (1 in) exit compression driver 2407H-1, 339150-001X
- DC Resistance: 4.3 ohms ± 10%
- Crossover Network: 360983-001

AURAL SWEEP TEST SPECIFICATIONS:

- A. System Aural Sweep Test: 5.0V Input, 20 Hz to 20 kHz
- B. L.F. Aural Sweep Test: 5.0V Input, 40 Hz to 1 kHz
- C. H.F. Aural Sweep Test: 1.6V Input, 1.6 kHz to 20 kHz

PHYSICAL SPECIFICATIONS:

- Enclosure Dimensions: 363 mm x 363 mm (14.3 in. x 14.3 in) square baffle x 9 in (322C) or 9.6 in (322CT) deep
- Net Weight (ea): 322C: 20 lbs. (9.05 kg.)
322CT: 22 lbs. (9.95 kg.)

WARRANTY INFORMATION:

- Refer to Warranty Statement packed with each product.

PACKAGE

Warranty 59660

Carton 360928-001

Fillers (1 ea) 360927-001
362122-001

Poly Bag 74357
32x32x.0015

Install. Instruction Sheet 361089-001

Spec Sheet 361797-001

Instruction Label 360929-001

WIRING DIAGRAM

Driver, High Freq 339150-001X 2407H D8R2406

Driver, Low Freq 360950-001

Network 360983-001

GR

GR/BL

Y

Y/B

SCHMATIC (360983-001)

IN 1

Out + 2

Out - 3

IN 4

3.5 μ F 250V

15 ohm

20 W

1.2 mH

3 μ F 250V

5.8 μ F 250V

5 ohm 10W

0.6 mH

15 ohm 10W

2.5 μ F 250V

0.9 mH

10 ohm 20 W

Female .187 YEL HF

Female .255 YLL/BLK

1.2 mH

22.8 μ F 250V

0.25 mH

Female .205 GR LF

Female .205 GR/BLK

C322 CT COLOR CODE

	70V	100V	COLOR
A	COM	COM	Black
B	13W	25W	White
C	25W	50W	Blue
D	50W	100W	Purple
E	100W	N/C	Orange

1	Yellow (+)
2	N/C
3	N/C
4	Green (-)

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COMPONENT EXPLODED VIEW

