

Technical Manual

JBL Control 321C/CT



PROFESSIONAL

SPECIFICATIONS

ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance: 8 ohms
- Power Capacity: 250 Watts Continuous Pink Noise
- Frequency Response: 34 Hz – 18 kHz (–10 dB)
- System Sensitivity: 94 dB SPL (1 watt @ 1 meter)
- Crossover Freq.: 1.8 kHz

SYSTEM COMPONENTS:

- Low Frequency Transducer: 304 mm (12 in) Kevlar cone
- DC Resistance: 5.7 ohms ±10%
- High Frequency Transducer: 25 mm (1 in) exit compression driver 2412H-1, 339013-001X
- DC Resistance: 5.5 ohms ± 10%
- Crossover Network: 360837-001

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: 1.75V Input, 2 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 (321C) or 9.6 in (321CT) deep
- Net Weight (ea): 16 lbs. (7.25 kg.)

WARRANTY INFORMATION:

- Refer to Warranty Statement packed with each product.

PACKAGE

Warranty 59660

Carton 360928-001
 Filler (1ea) 360927-001
 362122-001

Install. Instruction Sheet 361089-001
 Spec Sheet 360926-001

WIRING DIAGRAM

Driver, High Freq 339013-001X 2412H-1

Driver, Low Freq 360924-001

Network 360837-001

GR

GR/BL

SCHEMATIC (360837-001)

6.5 μF 250V
 22 ohm 20W
 0.4 mH
 6.0 μF 250V
 8.0 μF 250V
 0.65 mH
 10 ohm 10W
 0.68 mH
 10 ohm 20W
 7.5 μF 250V
 1.0 mH
 32 μF 250V

IN + 1
 IN + 2
 IN - 3
 IN - 4

Female .110 YEL/BL HF
 Female .205 YEL
 Female .250 GR
 Female .205 GR/BL LF

SCHEMATIC (360837-001)

Transformer Part # YT - 16214

Yellow 1 +
 2
 3
 Green 4 -

A Black
 B White
 C Blue
 D Purple
 E Orange

C321 CT COLOR CODE			
	70V	100V	COLOR
A	COM	COM	Black
B	7.5W	15W	White
C	15W	30W	Blue
D	30W	60W	Purple
E	60W	N/C	Orange

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

JBL Control 321C/CT REV C

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COMPONENT EXPLODED VIEW

