

## Section 7: Miscellaneous

### CD-100B SPECIFICATIONS

#### General

Depth .....	26-1/2 in. (67.3 cm.)
Width .....	41-1/2 in. (105.4 cm.)
Height .....	59-7/8 in. (151.9 cm.)
Weight .....	365 lbs (165.6 Kg.)

Power Requirements .....	120 VAC 60 Hz.,
	530 watts 5.3 amps.
	220 VAC 50 Hz.,
	560 watts 3.3 amps.
	240 VAC 50 Hz.,
	560 watts 3.0 amps.

#### CD Player And Changer

Capacity .....	100 Digital discs
Disc Size .....	5-inch or 3-inch

#### Credit And Pricing System

Accumulator Type Credit System	\$1 & \$5 bills \$1 & half-dollar coins are optional
Coins Accepted .....	Nickels Dimes Quarters

TOTAL CREDIT ACCUMULATIONS ..... 65535

PRICING ..... See Pricing, Section 2

**Sound System**

**CD PLAYER**

Type ..... Philips CDM-3  
 Frequency Response ..... 20 to 20,000 Hz.  
 Channel Separation ..... 90 db @ 1,000 Hz.  
 Output ..... 1 V (approx. depending on the disc)

**POWER AMPLIFIER**

250 Watt Stereo

FTC Rating, 3 Ohm Loads @ .5% THD ..... 250 watts RMS  
 FTC Rating, 70 V Lines @ .5% THD ..... 126 watts RMS

**PREAMPLIFIER**

AVC Control Range ..... 40 db

Tone control is accomplished through a 7 band equalizer (10 db/filter band)

**SELECTION SYSTEM CAPACITY** ..... 100 discs with a 99 max. selections per disc

**TRANSFORMER PACKAGE**

Power Levels For Phonograph Speakers ..... 1, 4, 16, 64 watts  
 (Provides 70-volt line for extension speakers)

**SPEAKER SYSTEM**

Characteristics	Woofer	Midrange	High Frequency
Speaker Diameter	10 in.	6 in.	3 in.
Voice Coil Diameter	1-½ in.	1 in.	Not Applicable
Impedance	8 ohms	8 ohms	8 ohms

**SYSTEM FREQUENCY RESPONSE** ..... 20 to 20,000 ±4 db

**Door Lighting** ..... Fluorescent – 30 watt, 36 in.  
 11 watt incandescent  
 14 volt incandescent

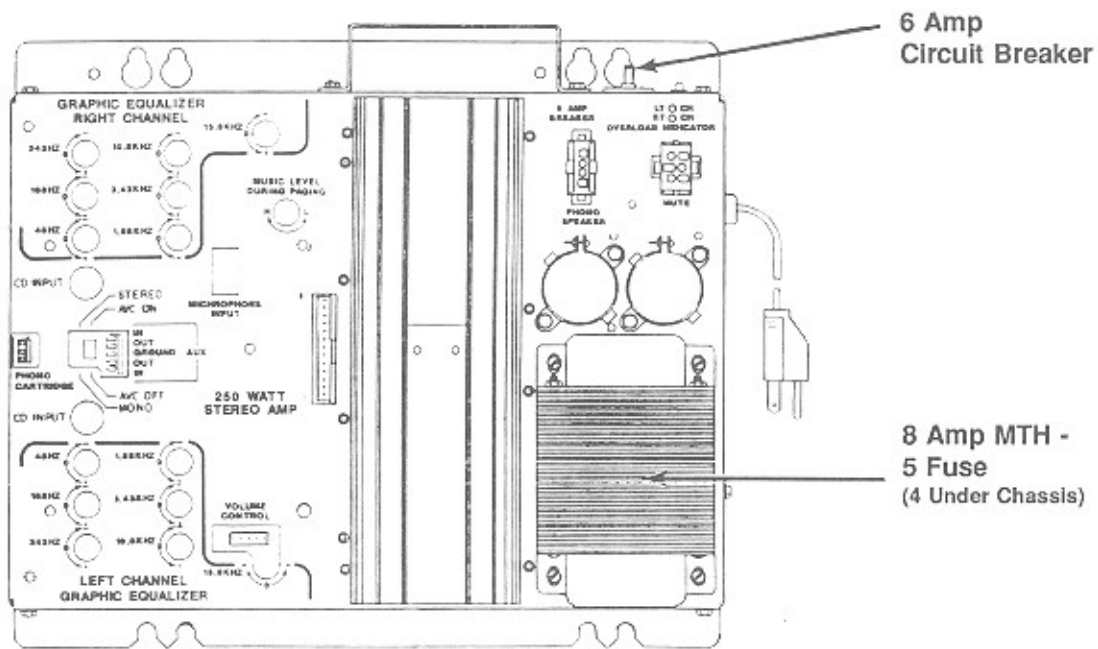
## FUSES AND CIRCUIT BREAKERS

### Main Power Supply

120 VAC (Transformer Primary Only) . . . . .	2 amp. circuit breaker
120 VAC . . . . .	10 amp. circuit breaker
+28 VDC . . . . .	5 amp. Slo-Blo fuse
+8 VDC . . . . .	5 amp. Slo-Blo fuse

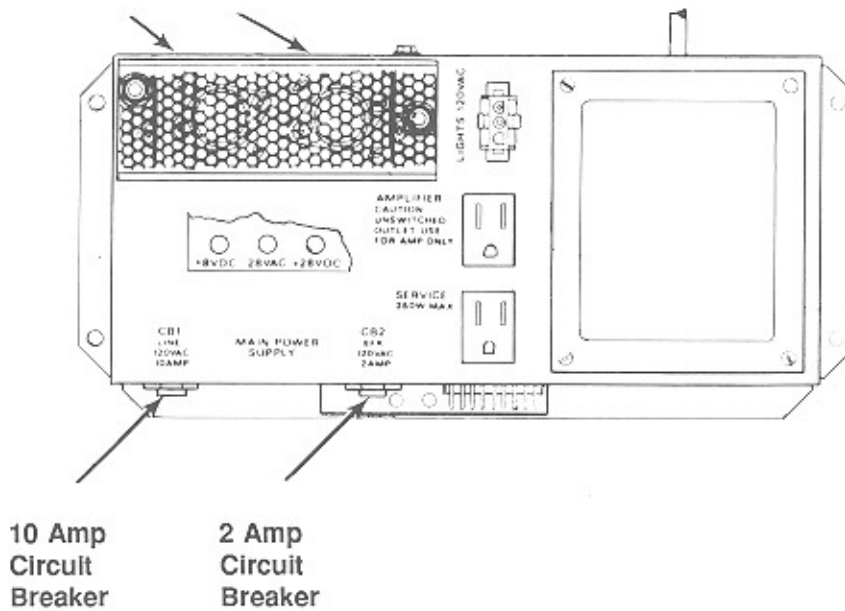
### Amplifier

120 VAC . . . . .	6 amp. circuit breaker
32 VDC . . . . .	8 amp. fuse (4)



250 WATT AMPLIFIER

Two 5 Amp AGC Fuses  
(Mounted on Power Supply Circuit Board)



MAIN POWER SUPPLY

Figure 7-1. Fuse and Circuit Breaker Locations

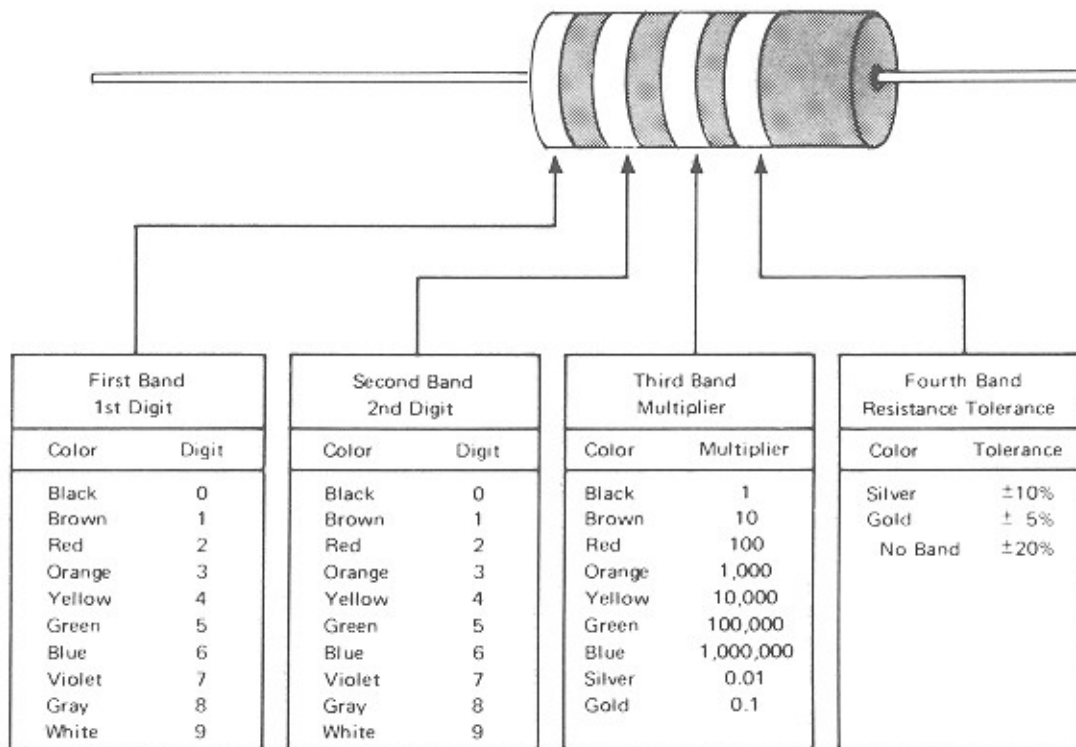


Figure 7-2. Resistor Color Code

**Example:** You have a resistor with the colors Yellow, Violet, Red, and Gold on it. Place the resistor in front of you so that the end of the resistor with no colored bands is on your right. Now, use the color code chart to decode the colors: the Yellow band=4, the Violet band=7, the Red band means multiply by 100. So the resistor value is 47X100, or 4700 ohms. The Gold band indicates that the resistor can be 5% over or 5% under the 4700 value and still be considered to be the proper value.

**NOTE:**

Testing a resistor while both ends of the resistor are connected to the circuit can give a false LOW reading. If the resistor value is critical, disconnect one end of the resistor from the circuit and use an accurate digital VOM.