

Section 7: Miscellaneous

CD-100C SPECIFICATIONS

General

Depth 26-1/2 in. (67.3 cm.)
Width 41-1/2 in. (105.4 cm.)
Height 61.6 in. (156.5 cm.)
Weight 415 lbs (188.6 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 Industrial CDM-4
 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 | Woofers | Midrange | High Frequency |
|---------------------|---------|----------|----------------|
| Speaker Diameter | 12 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

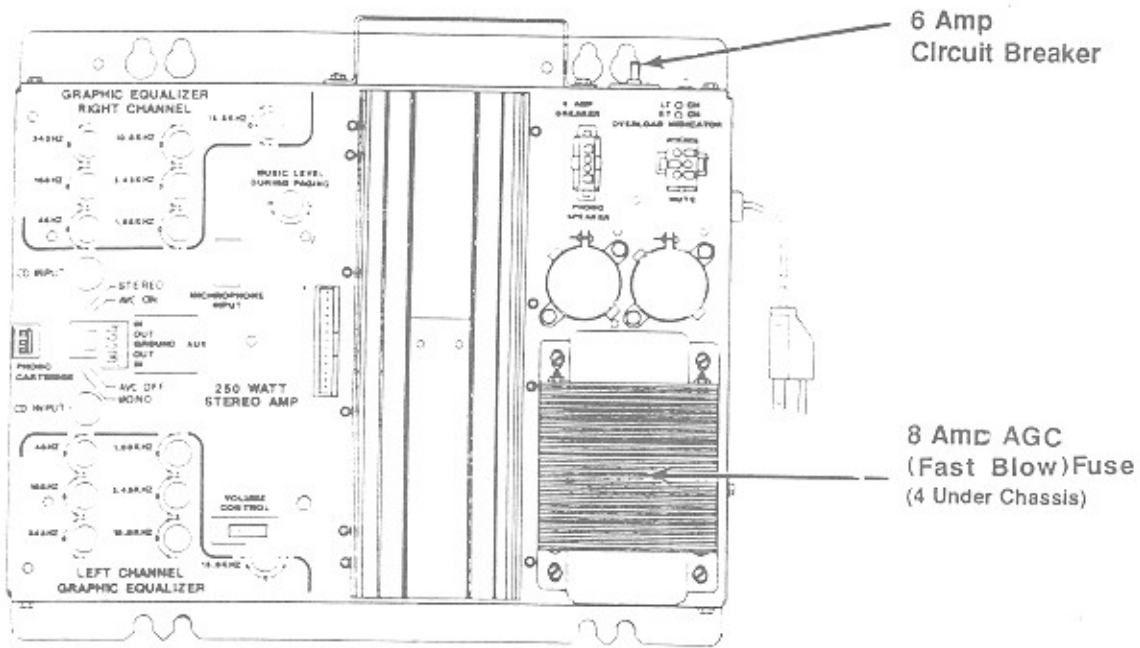
Door Lighting Fluorescent – 30 watt, 36 in.
 14 volt incandescent

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 |

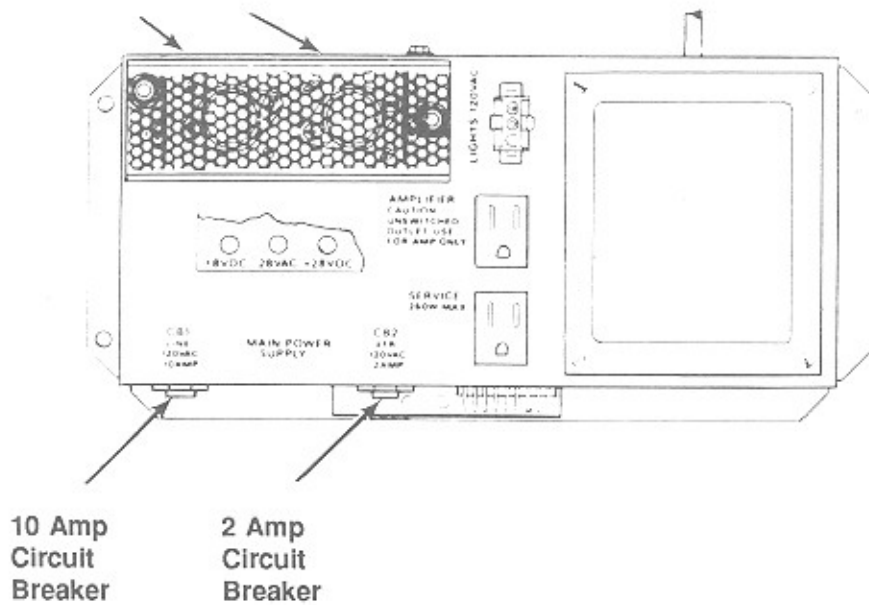
Amplifier

| | |
|---------------|------------------------|
| 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

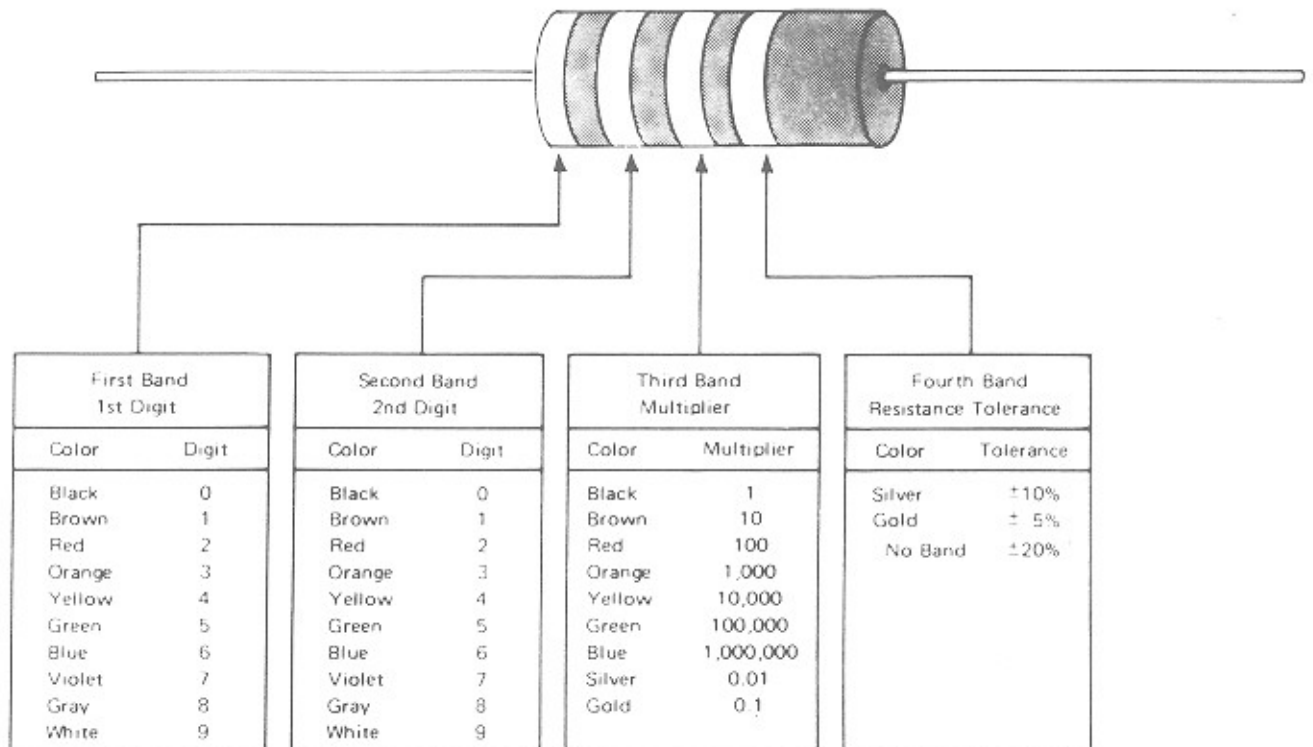


Figure 7-2. Resistor Color Code

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.

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