

Section 7: Miscellaneous

CD-100F SPECIFICATIONS

General

Depth 26 1/2 in.
Width 35 in.
Height 57 5/32 in.

Power Requirements 120 VAC 60 Hz.,
670 watts 6.4 amps.

220 VAC 50 Hz.,
700 watts 3.9 amps.

240 VAC 50 Hz.,
70 watts 3.6 amps.

CD Player And Changer

Title Rack Capacity 104 CD jackets and title strips
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 Quarters
Nickels and Dimes Optional

TOTAL CREDIT ACCUMULATIONS 65535

PRICING See Pricing, Section 2

Sound System

CD PLAYER

Type Philips Industrial CDM-12
 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 99 maximum selections per disc

TRANSFORMER PACKAGE

Power Levels For Speakers 1, 4, 16, 28, 64, 114 watts
 (Provides low-voltage and 70-volt line for extension speakers)

SYSTEM FREQUENCY RESPONSE 20 to 20,000 ±4 db

SPEAKER SYSTEM

	Woofers	Midrange	High Frequency
Speaker Diameter	12 in.	6 in.	3 in.
Voice Coil Diameter	1.5 in.	1 in.	N/A
Impedance	8 Ohms	8 Ohms	8 Ohms

DOOR LIGHTING

Type	Specs
Fluorescent	8 watt, 12 in.
Fluorescent	18 watt, 30 in.
Fluorescent	30 watt, 36 in.
Incandescent	Type 73, 1 watt, 14 volt
Incandescent	40 watt, 120 volt

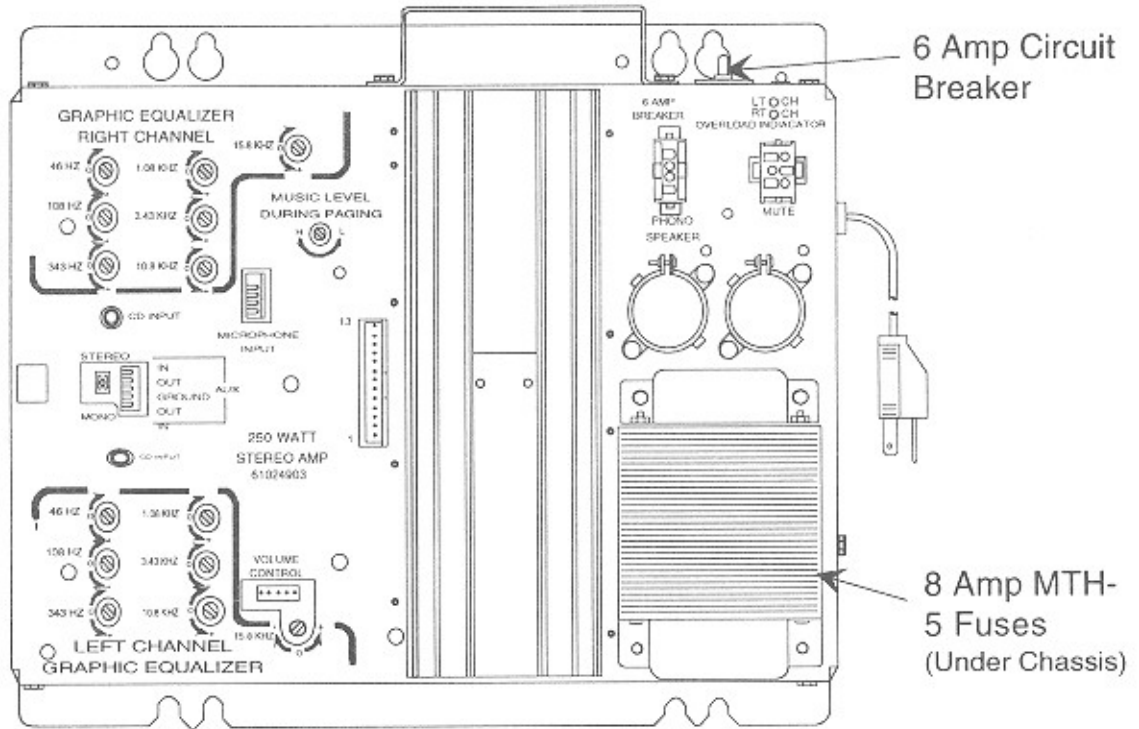
FUSES AND CIRCUIT BREAKERS

Main Power Supply

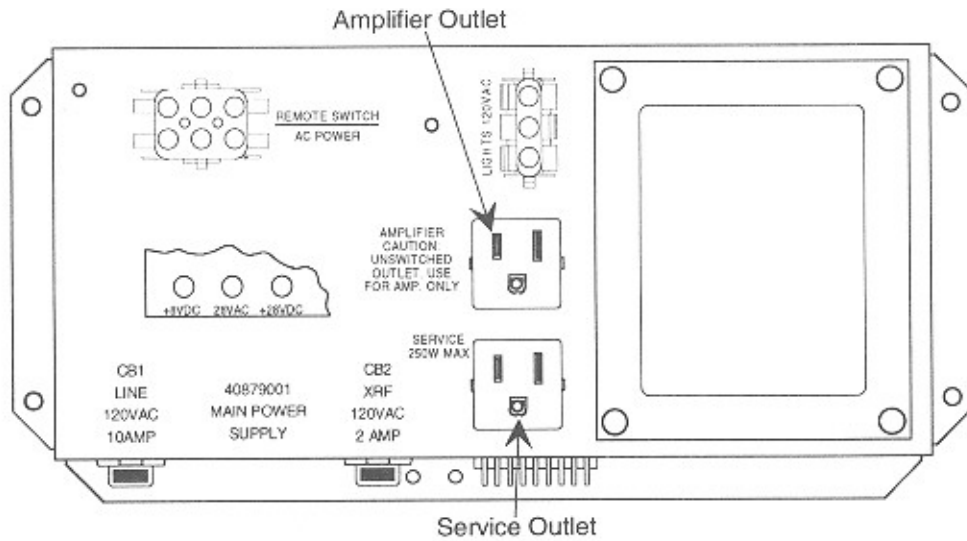
120 VAC (Transformer Primary Only) 2 amp Circuit breaker
 120 VAC 10 amp Circuit breaker
 +28 VDC 8 amp fuse
 +9 VDC 8 amp fuse

Amplifier

120 VAC 6 amp Circuit breaker
 40 VDC 8 amp Fuse (4)



250 WATT AMPLIFIER



MAIN POWER SUPPLY

Figure 7-1. Fuse and Circuit Breaker Locations

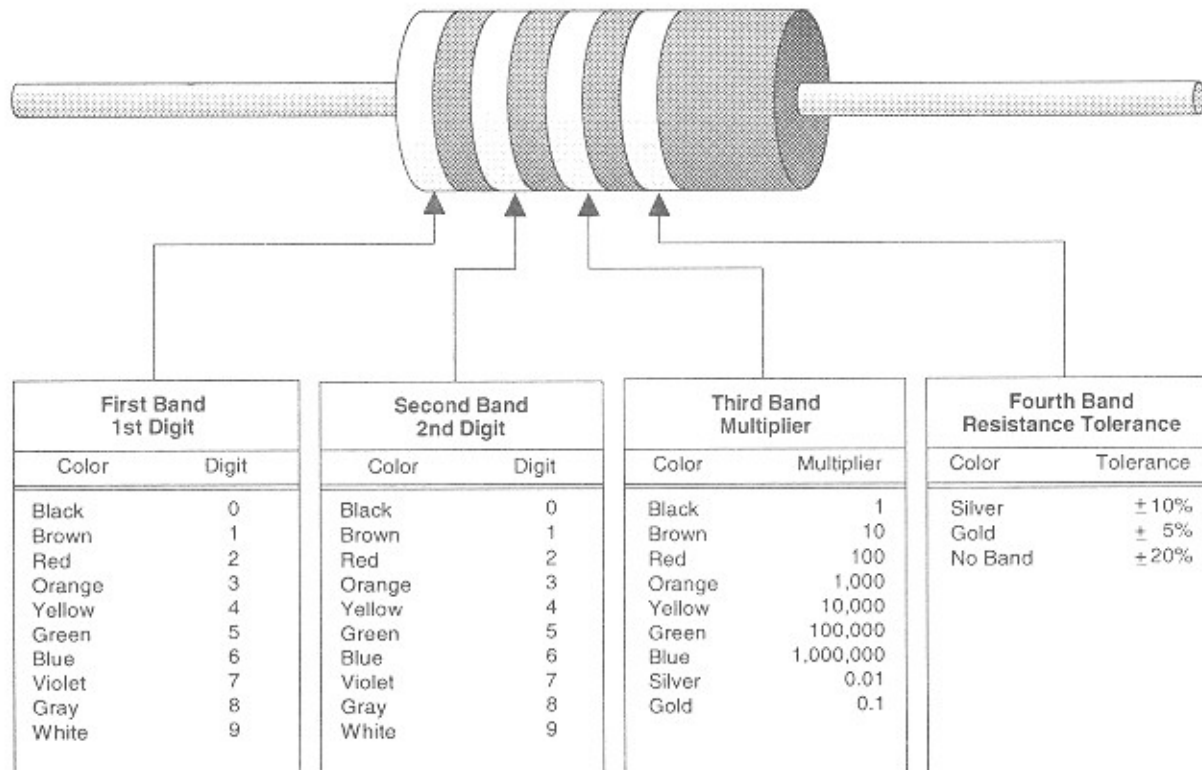


Figure 7-2. Resistor Color Code

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 47×100 , 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.