



# SERVICE MANUAL

## CD-X901

### COMPACT DISC PLAYER



#### CAUTION

1. Parts identified by the  $\triangle$  symbol on the schematic diagram and the parts list are critical for safety.  
Use only replacement parts that have critical characteristics recommended by the manufacturer.
2. Make leakage-current or resistance measurements to determine that exposed parts are acceptably insulated from the supply circuit before returning the appliance to the customer.

#### •SPECIFICATIONS

**Format** ..... Compact disc, digital audio  
**Pick-up** ..... 3-beam, semiconductor laser  
**No. of channels** ..... 2 channels (stereo)  
**Decoding (D/A)** ..... 16-bit linear  
**Frequency response** ..... 4 Hz ~ 20 kHz  $\pm 0.3$  dB  
**Total harmonic distortion**  
     ..... Less than 0.003% (1 kHz)  
**Signal-to-noise ratio (S/N)** ..... Better than 100 dB  
**Dynamic range** ..... Better than 96 dB  
**Wow and flutter** ..... Below measurable limit  
**Output voltage/load impedance**  
     Normal output (OUTPUT-1)  
         ..... 2V/5 kohms  
     Balanced output (OUTPUT-2)  
         ..... 2V/600 ohms  
     Headphones ..... 45 mW (variable maximum)/  
         with 32-ohm load  
**Power requirements** ..... AC 120V/220V/240V,  
     50/60 Hz  
     For U.S.A. & Canada .. AC 120V, 60 Hz

**Power consumption** ..... 25 watts  
**Dimensions** ..... 448 mm (17-11/16") W  
     98 mm (3-7/8") H  
     380 mm (15") D  
**Weight** ..... 8.8 kg (19.4 lbs) net

#### Remote controller: RS-1010

**Control system** ..... Infra-red ray pulse system  
**Power requirements** ..... DC 3V  
**Dimensions** ..... 63 mm (2-1/2") W  
     18 mm (3/4") H  
     175 mm (6-15/16") D  
**Weight** ..... 126 g (0.3 lbs)  
     including dry batteries

\* Design and specifications subject to changes without notice for improvements.