

## **CX - 27 Owner's Instructions**

Thank you for choosing the CX-27 Co - axial loudspeaker system. We are confident that you will appreciate your recordings more as time passes, and discover the many benefits of the advanced technology incorporated into the CX-27.

### **UNPACKING**

The shipping carton contains two CX-27 speakers and a warranty card. After carefully unpacking your CX-27s, please save the box and the packing materials for possible use later. If either speaker appears to be damaged, please do not attempt to connect them. Repack both speakers in their original carton and notify your DCM dealer.

### **CONNECTION**

Turn off your amplifier and unplug it from the power outlet before attempting to connect your speakers. We recommend 16 gauge (or larger) speaker wire. Strip away approximately 1/2 inch of insulation off each wire conductor. Connect one conductor to the negative (black) terminal of the left speaker. Connect the other end of the same conductor to the negative output terminal on the left channel of your amplifier. Note that most speaker wire is color coded, or ribbed on one side, for easy identification of positive and negative leads.

Similarly, connect the positive (red) terminal of the left speaker to the positive output terminal in the left channel of your amplifier. Repeat these steps to connect the right speaker to the right output channel of the amplifier. Be sure there are no loose strands of wire at the terminals. Loose wires can create short circuits that may damage the amplifier.

You may plug in your amplifier and begin to enjoy your CX -27s. Now might be a good time to fill in your warranty card, recording serial numbers, date of purchase, and dealer name and address.

### **SPEAKER PLACEMENT**

The co-axial design of the CX-27 makes it an exceptionally flexible loudspeaker, able to provide optimum performance in a wide range of listening situations. As all rooms have different acoustic properties, we encourage you to experiment with speaker placement. Best bass response is obtained by placing the speakers 4 to 8 inches from the rear wall ( but please do not block the rear - firing ports ). Bass response may also be enhanced by moving the speakers nearer to room corners. Placing speakers at or near ear level can improve clarity and imaging, but again, the co - axial " acoustic lens " design of the CX-27 makes this less critical than ordinary speakers. Since the woofers of the CX-27 are magnetically shielded, you may even place the speakers next to your video monitor, if necessary, with no ill effects.

### **MAINTENANCE**

The wood - grained vinyl cabinetry of your CX-27 loudspeakers can be cleaned by wiping with a soft, damp cloth and a mild detergent. Dust may be wiped from the grille cloth with a piece of felt, or carefully vacuumed if necessary. Do not place any speakers near radiators or other heat sources, such as direct sunlight, since these may fade colors over time.

## REMOVING THE GRILLE

Place your thumb at the top edge of the grille frame, approximately in the center. Place your fingers at a point 1 1/4 inches below this. Push in with your fingers and grip the grille frame. Pull.

## FUSING

Any speaker can be damaged if the amplifier driving it should fail. Damage may also occur by playing music so loudly that it sounds distorted. This can happen even with a low powered amplifier. Your CX-27s are very sturdy, and also incorporate an auto-reset circuit breaker which guards against certain types of electrical stress. Fusing can provide additional protection, and under certain operating conditions, may be recommended.

To properly install optional fuses (not provided), fuse holders should be inserted into the positive (+) wire connecting each speaker to your amplifier. Use 2 ampere, fast-blow Buss AGC Series or equivalent fuses.

## WHAT TO DO IF YOU NEED SERVICE

DCM loudspeakers have a history of extremely high reliability. However, should your CX-27s require service, please contact your dealer. If for some reason this is inconvenient, please contact DCM Corporation directly.

## CX-27 TECHNICAL SPECIFICATIONS

Sensitivity:	93 db/1 watt/1 meter
Recommended Amplifier Power:	10 watts to 150 watts
Maximum Power handling:	150 watts RMS peak program
Impedance:	6 ohms nominal
Frequency Range:	35 Hz to 20 kHz
Enclosure Type:	Transmission line Two Rear - firing Ports
Driver complement:	Two - 6.5 inch shielded magnet woofers One - .75 inch tweeter, ferro - fluid cooled Tweeter mounted co-ax with acoustic lens
Dimensions:	27 x 11 x 10 inches H x D x W
Weight:	25 pounds each