

## PC-50B CONFERENCE SET

### 1. GENERAL

1.01 This section describes and provides installation, operating, and maintenance information for the PC-50B conference set manufactured by Precision Components, Inc. This conference set supersedes Model PC-50A (which is covered in Section 478-428-100) because it has been discontinued and replaced by Model PC-50B.

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### 2. DESCRIPTION

2.01 The PC-50B conference set permits two-way audience participation in a call placed over the telephone network. This conference set provides sufficient volume to be easily heard in a classroom, conference room, or small auditorium.

2.02 The PC-50B conference set is used in schools to permit a teacher to include remote classes as part of the local class and to hold class discussions that include a distant speaker.

2.03 In a business situation, a speaker at a remote location can address a local group and respond to audience questions and remarks.

2.04 The PC-50B conference set (Figure 1) consists of the following components:

- (a) Conference telephone equipped with handset and cord.
- (b) Loudspeaker/voice switch control unit.
- (c) Lapel microphone with 25-foot cord.
- (d) Green microphone with 25-foot cord.
- (e) Gold microphone with 25-foot cord.
- (f) Lavalier assemblies.
- (g) Microphone desk stands.
- (h) Microphone extension cord (20-foot).
- (i) Microphone windscreens.
- (j) Modular telephone line cord (7-foot), double plug ended.
- (k) Carrying case.

2.05 The PC-50B conference set, complete with components, weighs approximately 10 pounds. The conference telephone is 9 inches by 12 inches by 5 1/2 inches; the associated remote loudspeaker assembly is 6 by 4 by 5 inches.

### 3. FEATURES

3.01 The conference telephone has five control buttons, a volume control, and a built-in set microphone (Figure 1):

- (a) The volume control affects the loudspeaker sound level but does not change the outgoing voice level.
- (b) An ON/OFF button. Pushing this button while the handset is in its cradle will terminate the call.
- (c) Microphone buttons. When any one of the three microphone buttons (GREEN MIKE, GOLD MIKE, or SET MIKE) is pushed while the handset is in its cradle, the corresponding microphone is activated. Any combination can be activated at one time.
- (d) MIKE OFF button. Pushing this button will turn off all microphones without terminating a call; the incoming voice will still be heard.

### 4. INSTALLATION

4.01 Install the PC-50B conference set as follows:

- (a) Remove the conference telephone and loudspeaker from its carrying case and place it on a table or desk with the loudspeaker control unit facing the audience.
- (b) Insert the telephone line cord into the jack on the bottom of the conference unit and plug the other end into a telephone wall jack.
- (c) Plug the three-pronged power cord plug into a 117-Vac, 60 Hz outlet.
- (d) At this point, the PC-50B conference telephone can be used as a telephone or speakerphone and may be sufficient for some conference room applications without the use of the remote microphones.
- (e) To use the extension microphones, plug them into the appropriate jacks (marked "GREEN," "GOLD," or "LAPEL") on the control unit (Figure 2). The lapel microphone is used by the moderator when increased freedom of movement is desired. The set microphone is automatically disconnected when the lapel microphone is plugged in.
- (f) The microphone stands or lavalier assemblies can be used as desired.
- (g) The PC-50B conference telephone has an electronic ringer for incoming calls. High or low ring volume can be controlled by the RING toggle switch at the rear of the unit (Figure 2).
- (h) The PC-50B pushbutton dial can be used in either the dc pulse dial mode or tone dial mode. The KEYPAD toggle switch controls the method of dialing. The switch should normally be left in the TONE position (Figure 2).

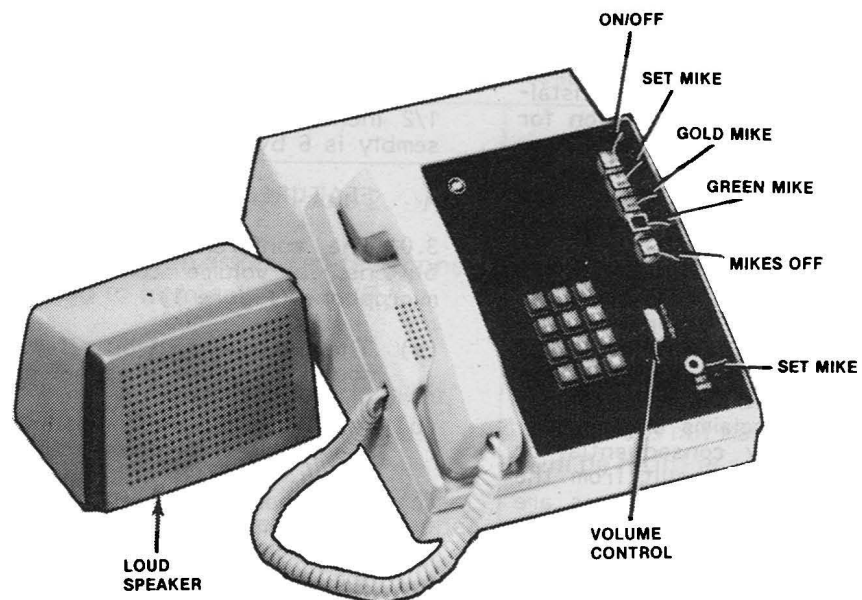


Figure 1. Model PC-50B Conference Set.

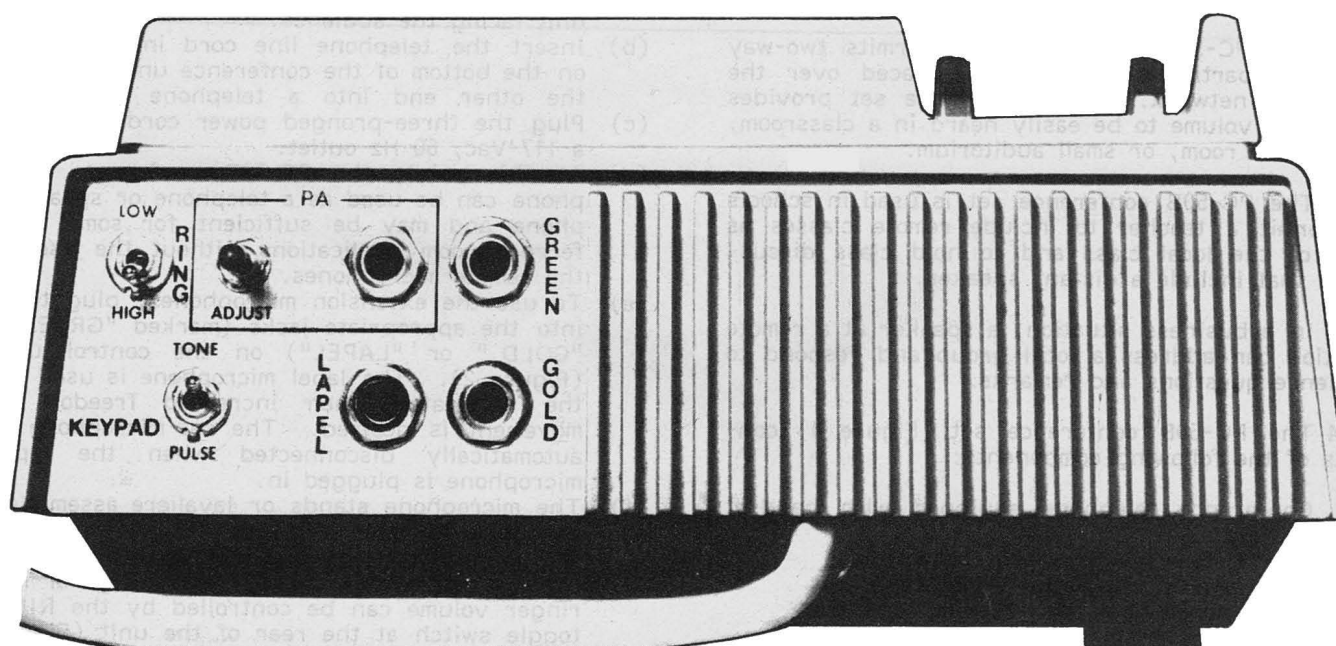


Figure 2. Jacks and Controls.