

DIMENSION® 2000 and CUSTOM PBX  
(CSS 201L)  
X-Ray Test 13  
(Attendant Console)

CONTENTS

1. GENERAL INFORMATION
  2. RECORDS
  3. TEST EQUIPMENT
  4. TEST PROCEDURE
  5. MINIMUM CIRCUIT PACK REQUIREMENTS
- 

1. GENERAL INFORMATION

1.1 Description

1.11 This section describes the procedures to be followed to perform x-ray test 13.

1.12 X-ray test 13 tests up to 20 consoles in either the automatic LED cycle mode or by manual button pushes.

1.2 Test Description

1.21 X-ray test 13 executes the ATTXRY subroutine which performs a group of tests to identify faults in the attendant consoles, the LC34B and the LC133.

2. RECORDS

2.1 Form SD-97-1313 is required for recording the results of this test.

3. TEST EQUIPMENT

3.1 Test Sets - see Section 400 of Handbook 281.

4. TEST PROCEDURES

4.1 Preliminary

4.11 Prior to running this test, x-ray test 05 should have passed.

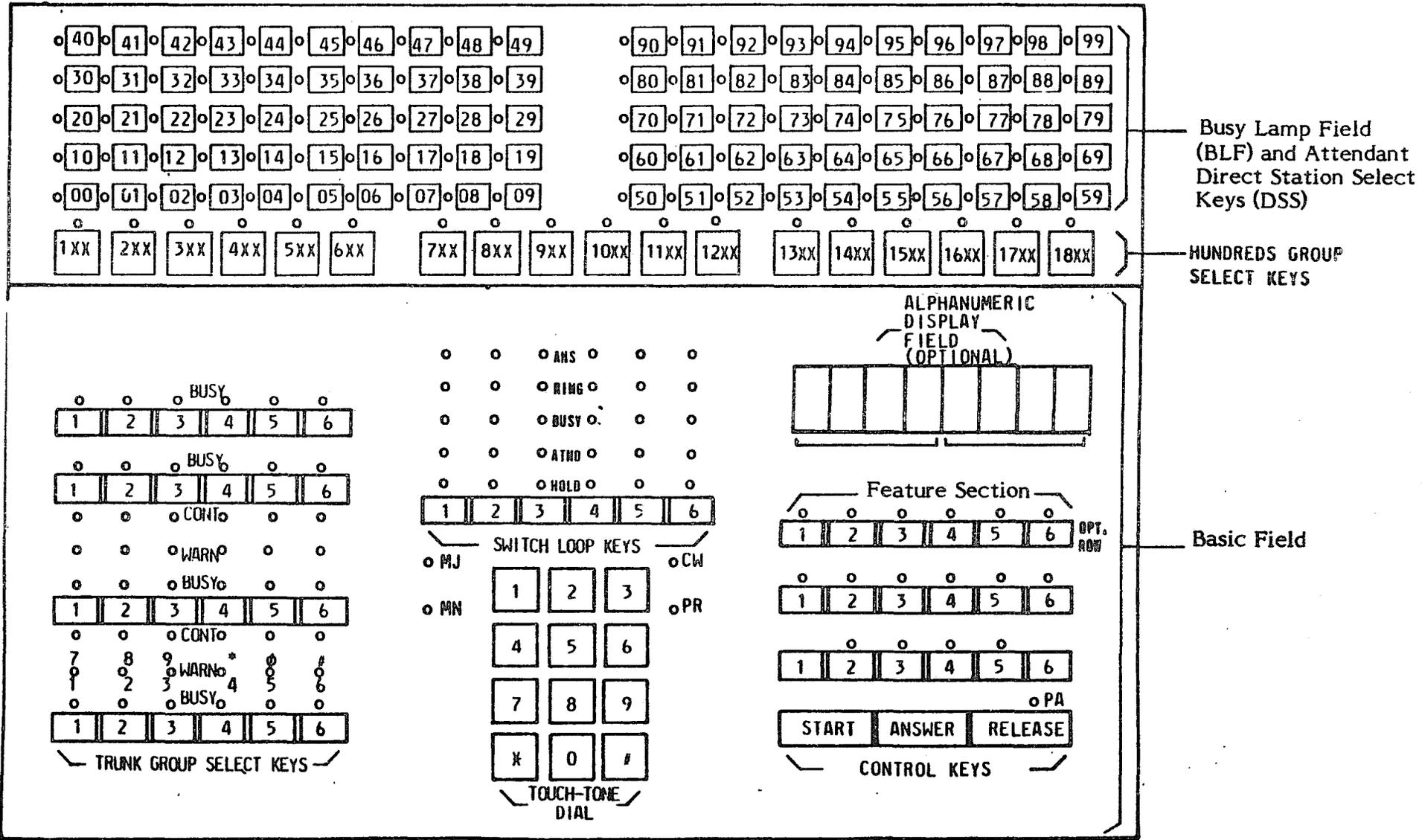
4.2 Test Execution

4.21 The handset must be plugged into the console(s) in order to perform this test.

PRIVATE  
THE INFORMATION CONTAINED HEREIN SHOULD NOT BE DISCLOSED TO  
UNAUTHORIZED PERSONS. IT IS MEANT SOLELY FOR USE BY AUTHORIZED  
BELL SYSTEM EMPLOYEES.

- 4.22 To initiate test 13 operate the EXECUTE, 1, 3 keys in sequence at the MAAP.
- 4.23 The automatic portion of test 13 exercises the console LED's and audible tones on up to 20 attendant consoles. The sequence of the automatic test is as follows at each console under test: (Refer to figure 1 of this section for a diagram of a typical console).
- 4.231 All LED's flash and the ringer will sound.
- 4.232 All LED's in the DSS field flash.
- 4.233 All LED's in the Busy Lamp Field (BLF) flash and the ringer will sound.
- 4.234 Each LED in the BLF will light and remain lit beginning at the upper left and proceeding from left to right, top to bottom until all BLF lamps are lit including the "Group" LED's.
- 4.235 Each LED in the Trunk section of the Basic Field will light and stay lit in the top to bottom, left to right order.
- 4.236 Each LED in the Loop section of the Basic Field will light and stay lit in the top to bottom, left to right order including the CW and PR LED's.
- 4.237 Each LED in the Feature section of the Basic Field will light in the order indicated above.
- 4.238 All alphanumeric characters will be displayed in each position of the alphanumeric display field.
- 4.239 The tone sounder will cycle on and off.
- 4.240 The LED's are next turned off in the same manner in which they were turned on.
- Note: There is a slight delay between initiating this test and the LED's beginning to light.
- 4.25 The manual portion of the test checks circuit continuity to any console via button depressions. After the first button on any console is depressed, all LED's on all consoles go out. With each subsequent button depression, the associated LED lights and remains lit until another button is operated. If no button operations are performed for 30 seconds, the test returns to the automatic mode.
- 4.251 For the majority of the buttons the associated LED is adjacent to the button. The following buttons and their associated displays are exceptions:
- 4.2511 TOUCH TONE® buttons 0 through 9, # and \* are displayed in the left-most alphanumeric console display location.

- 4.2512 The HOLD button is associated with the PR LED.
- 4.2513 The CANCEL button is associated with the CW LED.
- 4.2514 The START and ANSWER keys are associated with the two left-most ANS field LED's respectively.
- 4.252 Test passed indication.
- 4.2521 Verification that all LED's at each console function properly in the automatic portion of the test and verification of each key on every console for circuit continuity in the manual section is the indication that x-ray test 13 has passed.
- 4.253 This completes x-ray test 13.
- 5. MINIMUM CIRCUIT PACK REQUIREMENTS
- 5.1 The system should be equipped per the COD's for this test.



Busy Lamp Field (BLF) and Attendant Direct Station Select Keys (DSS)

HUNDREDS GROUP SELECT KEYS

Basic Field

NOT TO SCALE

Figure 1 - TYPICAL ATTENDANT CONSOLE

Reason for Issue:  
New Section

Manager, Denver PBX PECC