

CIRCUIT DESCRIPTION  
SYSTEMS DEVELOPMENT DEPARTMENT  
PRINTED IN U.S.A.

CD-66361-01  
Issue 3-D  
February 18, 1935  
(2 Pages) Page 1

P.B.X. SYSTEMS  
NO. 750A  
EMERGENCY TRANSFER  
KEY CIRCUIT

CHANGES

D. DESCRIPTION OF CIRCUIT CHANGES

- D.1 The circuit has been rated Mfr. Disc. replaced by SD-66461-01.

All other change headings No Change.

DEVELOPMENT

1. PURPOSE OF CIRCUIT

- 1.1 This circuit is for use in providing emergency central office service at one station in the case of failure of the No. 750A P.B.X. battery or ringing supply.

2. WORKING LIMITS

- 2.1 None.

OPERATION

3. FUNCTIONS

- 3.1 To provide for connecting a trunk to a station and to a central office line when the key is normal.
- 3.2 To disconnect the trunk and to connect a station directly to a central office line when the key is operated.

4. CONNECTING CIRCUITS

- 4.1 Standard central office subscriber's line circuits.

- 4.2 No. 750A P.B.X. station circuit.
- 4.3 No. 750A P.B.X. trunk circuit.
- 4.4 No. 750A P.B.X. 2-way manual trunk circuit.

DETAILED DESCRIPTION

5. KEY NORMAL

When the key is normal, incoming and outgoing central office calls are handled in the normal manner through the trunk circuit.

6. KEY OPERATED

When the key is operated, the trunk is disconnected and a station is connected directly to a central office line, thereby enabling the station to function as an individual line for receiving and originating central office calls.

BELL TELEPHONE LABORATORIES, INC.

DEPT. 332

LJB)  
WLF) JS

CIRCUIT DESCRIPTION  
SYSTEMS DEVELOPMENT DEPARTMENT  
PRINTED IN U.S.A.

CD-66361-01  
Issue 3-D  
February 18, 1935  
(2 Pages) Page 1

P.B.X. SYSTEMS  
NO. 750A  
EMERGENCY TRANSFER  
KEY CIRCUIT

CHANGES

D. DESCRIPTION OF CIRCUIT CHANGES

- D.1 The circuit has been rated Mfr. Disc. replaced by  
SD-66461-01.

All other change headings No Change.

DEVELOPMENT

1. PURPOSE OF CIRCUIT

- 1.1 This circuit is for use in providing emergency central office service at one station in the case of failure of the No. 750A P.B.X. battery or ringing supply.

2. WORKING LIMITS

- 2.1 None.

OPERATION

3. FUNCTIONS

- 3.1 To provide for connecting a trunk to a station and to a central office line when the key is normal.  
3.2 To disconnect the trunk and to connect a station directly to a central office line when the key is operated.

4. CONNECTING CIRCUITS

- 4.1 Standard central office subscriber's line circuits.  
4.2 No. 750A P.B.X. station circuit.  
4.3 No. 750A P.B.X. trunk circuit.  
4.4 No. 750A P.B.X. 2-way manual trunk circuit.

## DETAILED DESCRIPTION

### 5. KEY NORMAL

When the key is normal, incoming and outgoing central office calls are handled in the normal manner through the trunk circuit.

### 6. KEY OPERATED

When the key is operated, the trunk is disconnected and a station is connected directly to a central office line, thereby enabling the station to function as an individual line for receiving and originating central office calls.

BELL TELEPHONE LABORATORIES, INC.

DEPT. 332

LJB)  
WLF)CG

NEW ENG. TEL. & TEL. CO.

PLANT DEPARTMENT  
DIVISION

THIS PUBLICATION IS PART OF SET NO. \_\_\_\_\_  
APPLYING TO STA. REPAIR. A

EXAMINATION.  
THIS PUBLICATION AND THE OTHER ITEMS LISTED ON THE  
TABLE OF CONTENTS ARE LOANED TO YOU FOR STUDY PURPOSES  
AND MUST BE RETURNED TO THE CHAIRMAN OF THE  
EXAMINING BOARD UPON YOUR APPEARANCE FOR EXAMINATION  
OR AT THE REQUEST OF THE DIVISION EMPLOYMENT  
SUPERVISOR.

THIS PUBLICATION MUST NOT BE DAMAGED OR DEFACED,  
AND SHOULD BE HANDLED CAREFULLY SO THAT WHEN YOU  
RETURN THE FOLDER, IT WILL BE COMPLETE AND IN PROPER  
CONDITION FOR THE USE OF ANOTHER FELLOW-EMPLOYEE.