

STATION SYSTEMS
STATION CIRCUITS
FOR PUBLIC EMERGENCY REPORTING

Drawing for SD-69225-01 has been converted
from 4- by 7-inch handbook size to 8-1/2 by 11-inch
handbook size. This CD will no longer be printed in
4- by 7-inch handbook size.

BELL TELEPHONE LABORATORIES, INCORPORATED

DEPT 5113-WFBW-LHA

STATION SYSTEMS
STATION CIRCUITS
FOR PUBLIC EMERGENCY REPORTING

1. PURPOSE OF CIRCUIT

To provide station facilities for calling a number of community representatives on a party line on emergency calls and to permit any of the representatives to actuate the public alarm apparatus over the same line if necessary.

2. WORKING LIMITS

Same as for similar multi party common battery service.

3. FUNCTIONS

- 3.1 Provides for a number of stations on a party line.
- 3.2 Provides for ringing all stations in parallel.
- 3.3 Provides for operation of a siren control relay from any station.

4. CONNECTING CIRCUITS

- 4.1 Auxiliary Line Circuit for Public Emergency Reporting for Step-by-Step or Manual Office SD-95661-01.

- 4.2 Standard Common Battery Party Line Telephone Sets Arranged to Minimize Interference.

5. DESCRIPTION OF OPERATION

5.1 Incoming Signaling

The telephone sets are connected for ring party service and are called by means of ringing from the central office to ground over tip and ring of the line connected together.

5.2 Answering

A call is answered by lifting the handset and listening to see if the call has already been answered by another representative. If not the right hand plunger is raised to connect the transmitter in the circuit and trip ringing, permitting conversation in the normal manner.

5.3 Operation of Public Alarm Apparatus

If the representative ascertains that a public alarm should be sounded he operates the 6017 type key which places ground on the ring of the line through the telephone set. This causes ringing to be sent out from the central office over the tip of the lines actuating the siren control relay through the station connection to ground provided by the operated key.

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