

**EQUIPMENT PACKAGES**  
**SS3 "TOUCH-TONE®" SELECTIVE**  
**SIGNALING SYSTEM**  
**EQUIPMENT DESIGN REQUIREMENTS**  
**PRIVATE SERVICE SYSTEMS**

**1. GENERAL**

**Scope**

**1.01** This section and the supplementary information listed herein covers the equipment design requirements for the manufacture and installation of packaged units for SS3 TOUCH-TONE selective signaling system applications.

**1.02** This section is issued to provide completely assembled and wired SS3 TOUCH-TONE selective signaling system equipment.

**Capacity**

**1.03** The two units available both provide for 4-station set use and differ only in the mode of operation, private or non-private.

**Description**

**1.04** The units consist of standard SS3 selective signaling system equipment (J1G027), 4-wire private line terminating and station equipment (J53045), a TOUCH-TONE receiver (J58844), and power facilities. The various 23-inch rack-mounted equipments are assembled, using standard mounting bars, and are interwired ready for SS3 system applications (Fig. 1).

**1.05** Expansion of these units in the field to 8-station capability may be accomplished by providing combinations of the standard equipment in 1.04 as shown in Fig. 2.

**1.06** Expansion of units beyond 8-station capability will require use of auxiliary code equipment J1G027B and additional privacy station equipment, J1G027C.

**1.07** Although the 4-station private unit provides the complete equipment required for a location in a system, it will be necessary to provide space for an additional 2- by 23-inch equipment unit at one of the system locations. This unit is the J1G027E, L1 and functions to prevent the private line, for the system, from accidentally locking up in the private mode.

**Power**

**1.08** The power facilities of the units require connection to a 110-volt, 60-Hz ac supply by means of a standard 3-wire duplex receptacle.

**2. SUPPLEMENTARY INFORMATION**

502-532-121—2568 HAA Telephone Set—Station System— Identification  
502-532-432—Connections  
800-600-000—Checking List—General Equipment Requirements  
J53045—812-017-151—4-Wire Private Line Terminating and Station Equipment—Station Systems  
J58844—809-140-152—TOUCH-TONE Calling Receiver— PBX Systems  
J1G027—811-019-150—SS3 TOUCH-TONE Selective Signaling System—Private Service Systems

**3. DRAWINGS**

WECO J drawings should be ordered by referring to the prefix and base number and requesting the current dash (—) number.

**Circuits**

SD-67027-01—PBX Systems—TOUCH-TONE Calling Receiving Circuit  
SD-69566-01—Station Systems—4-Wire Private Line

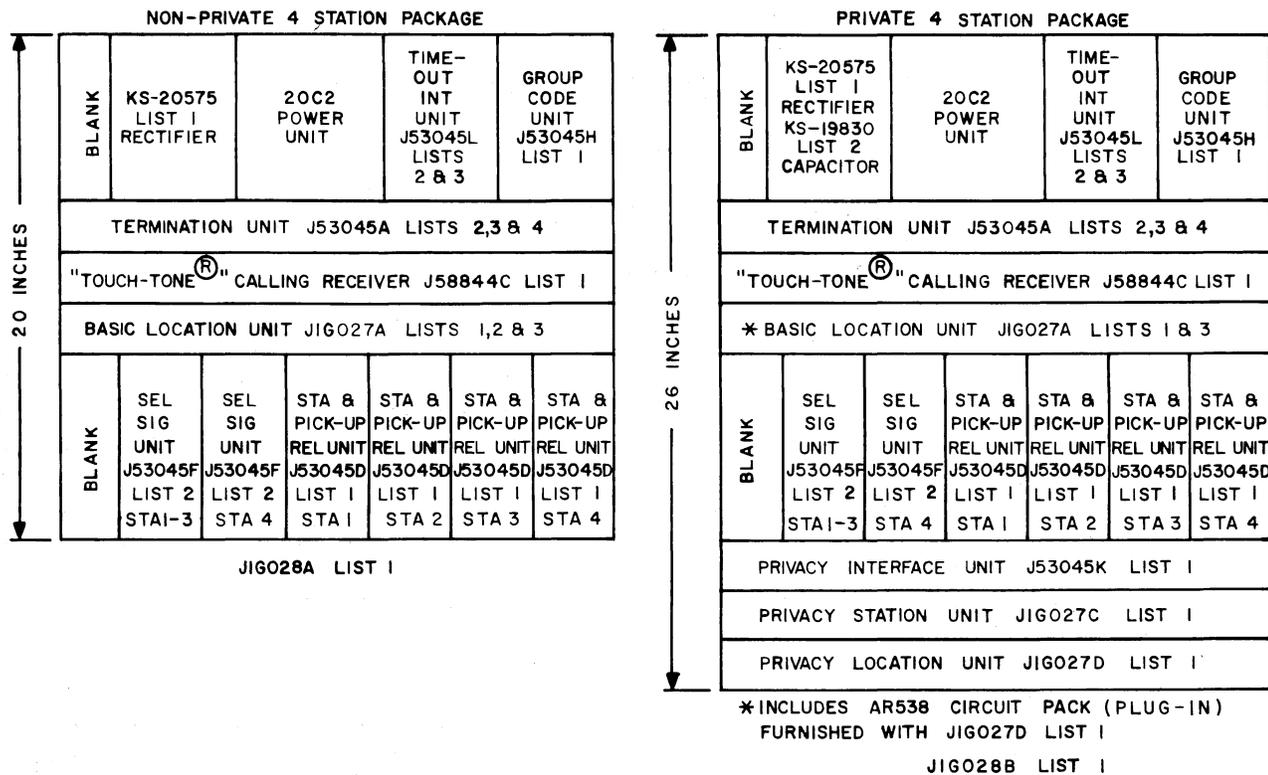


Fig. 1—Units Available

## Terminating and Station Circuit

SD-81824-01—Power Systems—Power Supply Circuits

SD-1G265-01—Private Service Systems—SS3 TOUCH-TONE Selective Signaling System

SD-1G282-01—Private Service Systems—SS3 TOUCH-TONE Selective Signaling Systems—System Application and Interconnection Information for Packaged Units

## Equipment

J53045A(-) —Termination Unit  
 J53045D(-) —Station and Pick-Up Relay Unit  
 J53045F(-) —Selective Signaling Unit  
 J53045H(-) —Group Code Control Relay Unit  
 J53045K(-) —Privacy Interface Unit  
 J53045L(-) —Time-Out Interrupter Unit  
 J58844C(-) —TOUCH-TONE Calling Receiver  
 J1G027A(-) —Basic Location Unit  
 J1G027B(-) —Auxiliary Code Unit  
 J1G027C(-) —Privacy Station Unit  
 J1G027D(-) —Privacy Location Unit  
 J1G027E(-) —Automatic Clear Unit

## 4. EQUIPMENT

*J1G028A—AT&T Co Std—Non-Privacy 4-Station Unit*

Equipment—J1G028A(-)

**List 1**—Assembly, equipment, and wiring for one non-privacy 4-station unit per SD-1G282-01 consisting of the coded units shown in Table A.

*J1G028B—AT&T Co Std—Privacy 4-Station Unit*

Equipment—J1G028B(-)

**List 1**—Assembly, equipment, and wiring for one privacy 4-station unit per SD-1G282-01 consisting of the coded units shown in Table A.

**Note:** If privacy override feature is desired, one J1G027D, L2 amplifier (SD-1G265-01, Fig. 8) is required for insertion in J1G027D, L1 unit.

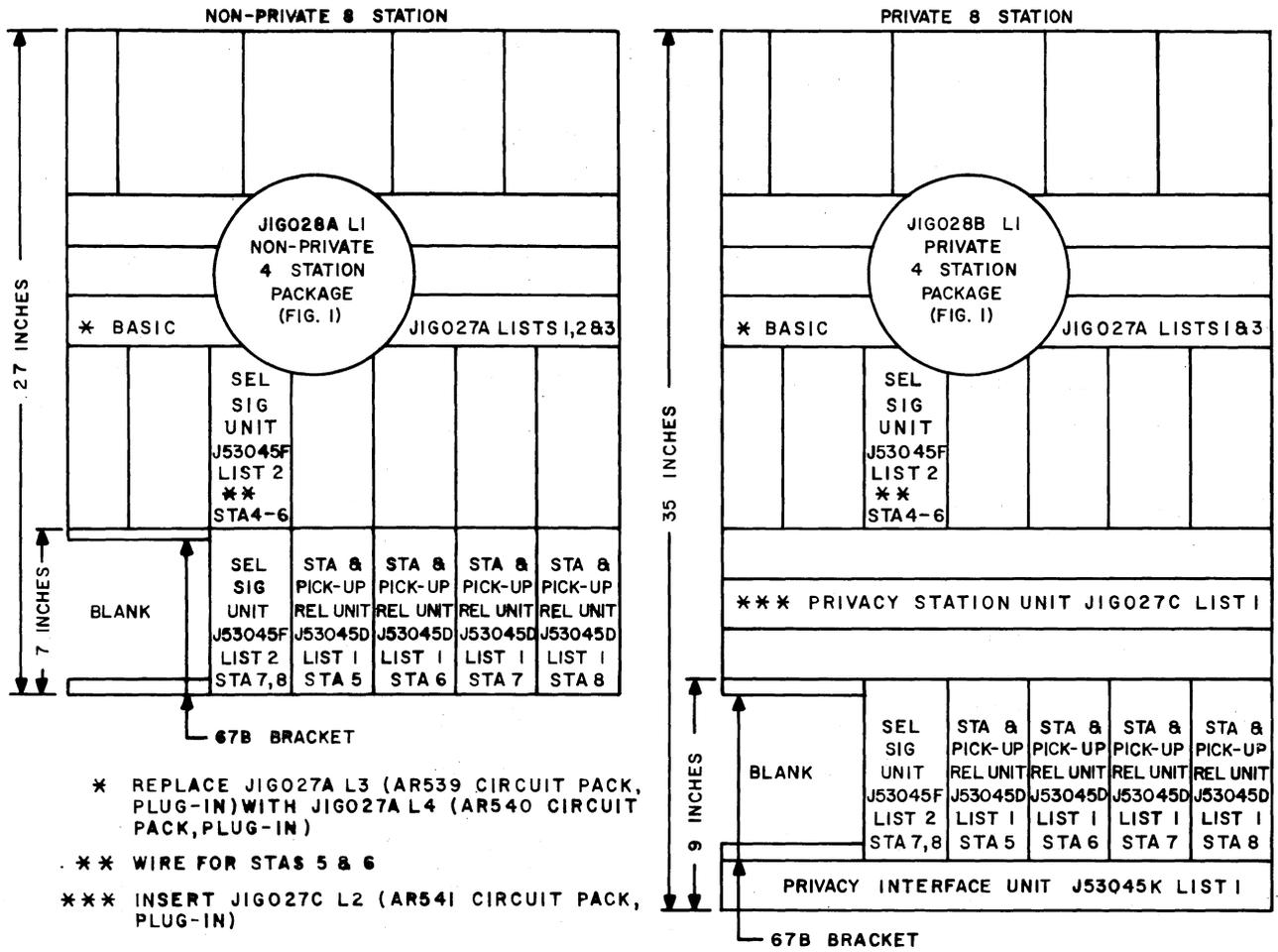


Fig. 2—Recommended Expansion

**TABLE A**  
**EQUIPMENT FURNISHED FOR**  
**NON-PRIVACY 4-STATION UNIT (J1G028A)**  
**AND**  
**PRIVACY 4-STATION UNIT (J1G028B)**

UNIT	TITLE	QUANTITY	APPARATUS	NON-PRIVACY J1G028A, L1	PRIVACY J1G028B, L1
J53045A,L2	Loopback Circuit	1	SD-69566-01, Fig. 10	X	X
J53045A,L3	Talkback Amplifier Circuit	1	SD-69566-01, Fig. 11	X	X
J53045A,L4	Termination Unit (1 ckt)	1	SD-69566-01, Fig. 1	X	X
J53045D,L1	Station and Pickup Relay Unit (1 ckt)	4	SD-69566-01, Fig. 2 and 3	X	X
J53045F,L2	Selective Signaling Unit (3 ckts)	2	SD-69566-01, Fig. 7	X	X
J53045H,L1	Group Code Relay Unit (1 ckt)	1	SD-69566-01, Fig. 8	X	X
J53045L,L1	Time-Out, Interrupter Unit (1 ckt)	1	SD-69566-01, Fig. 14 and 15	X	X
J58844C,L1	TOUCH-TONE Calling Receiver	1	SD-67027-01	X	X
J1G027A,L1	Basic Location Unit (1 ckt)	1	SD-1G265-01, Fig. 1 and 9	X	X
J1G027A,L3	AR539 Circuit Pack	1	SD-1G265-01, Fig. 3	X	X
20C2	Power Unit	1	SD-81824-01	X	X
KS-20575,L1	Rectifier	1		X	X
J1G027A,L2	AR537 Circuit Pack	1	SD-1G265-01, Fig. 2	X	
J53045K,L1	Privacy Interface Unit (4 ckts)	1	SD-69566-01, Fig. 13		X
J1G027C,L1	Privacy Station Unit (1 ckt)	1	SD-1G265-01, Fig. 7		X
J1G027D,L1*	Privacy Location Unit	1	SD-1G265-01, Fig. 1		X
KS-19830,L2	Capacitor	1			X

\* Includes AR538 circuit pack which is inserted in J1G027A, L1.

Bell Telephone Laboratories, Incorporated

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