

TEL PLUS<sup>SM</sup>

616

ELECTRONIC KEY TELEPHONE  
SYSTEM

GENERAL DESCRIPTION  
INSTALLATION AND  
SERVICE MANUAL

ISSUE 1 April 1, 1985

## TABLE OF CONTENTS

SECTION 1	INTRODUCTION	PAGE
1.01	PURPOSE.....	1-1
1.02	REGULATORY INFORMATION (FCC).....	1-1
<hr/>		
SECTION 2	GENERAL DESCRIPTION	
2.01	TECHNOLOGY.....	2-1
2.02	ALPHABETICAL LISTING OF FEATURES.....	2-1
<hr/>		
SECTION 3	SPECIFICATIONS	
3.01	CAPACITY.....	3-1
3.02	SYSTEM COMPONENTS.....	3-1
3.03	SYSTEM SPECIFICATIONS.....	3-5
<hr/>		
SECTION 4	INSTALLATION	
4.01	SITE PLANNING.....	4-1
4.02	UNPACKING.....	4-1
4.03	PCB HANDLING.....	4-1
4.04	SYSTEM GROUNDING.....	4-1
4.05	KSU INSTALLATION.....	4-2
4.06	CABLING.....	4-2
4.07	WALL MOUNT KIT INSTALLATION.....	4-3
4.08	CO/PBX LINE CONNECTIONS.....	4-3
4.09	EXTERNAL MUSIC SOURCE.....	4-3
4.10	ALARM INSTALLATION.....	4-3
4.11	MAJOR ALARM.....	4-3
4.12	BATTERY BACK-UP.....	4-3
4.13	INTERCOM BOX INSTALLATION.....	4-4
4.14	EXTERNAL PAGING.....	4-4
4.15	LOUD BELL CONTROL.....	4-5
4.16	KTS DISASSEMBLY/ASSEMBLY INSTRUCTIONS.....	4-5
4.17	INSTALLATION OF SPU (SPEAKERPHONE UNIT).....	4-6
4.18	INSTALLATION OF EBU (FAILURE TONE RINGER).....	4-6
4.19	MSU BATTERY INSTALLATION.....	4-7

PAGE

INDEX OF TABLES

SECTION 5	PROGRAMMING	PAGE
5.01	PROGRAMMING OVERVIEW .....	5-1
5.02	PROGRAMMING CO LINE RING ASSIGNMENTS .....	5-1
5.03	ASSIGNMENT OF ATTENDANT STATION .....	5-1
5.04	PROGRAMMING RECALL TIME .....	5-1
5.05	PROGRAMMING FLASH TIME .....	5-2
5.06	PROGRAMMING EXECUTIVE/SECRETARY TRANSFER .....	5-2
5.07	PROGRAMMING THE PSU CARD FOR INTERCOM BOX OPERATION, EXTERNAL PAGING CONTROL, AND LOUD BELL CONTROL .....	5-3
5.08	PROGRAMMING ALARM SIGNALS .....	5-4
5.09	PROGRAMMING TOLL RESTRICTION .....	5-4
5.10	PROGRAMMING SYSTEM SPEED DIAL NUMBERS .....	5-6

SECTION 6	FUNCTIONAL TEST PROCEDURES	PAGE
6.01	PRELIMINARY CHECKLIST .....	6-1
6.02	FUNCTION TEST PROCEDURES .....	6-3
6.02.01	KEY STATION TESTING .....	6-3
6.02.02	INTERCOM FUNCTIONS TEST .....	6-5
6.02.03	CO LINE FUNCTIONS TEST .....	6-8