KANDA EX-616 SYSTEM MANUAL

Manual Title / Item Number

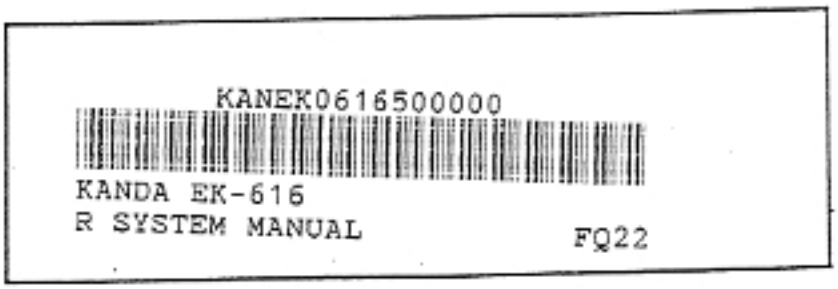
This manual is to be supplied with equipment only to assist in standard installation practices.

This manual is NOT for sale.

Compensation is required for shipping and handling charges only.

The information contained in this manual is currently the most accurate available, and may not contain all updates and revisions changes.

No information warrantee is implied.



Bar Code Label

Kanda

CORRECTIONS TO THE EK-616 INSTALLATION MANUAL

Page 5-1 Paragraph 5.11 Call Waiting:

Should Read:

After dialing a busy station and hearing the busy tone, a station user can push the OPT button and dial "4" to activate the Call Waiting feature.

Page 7-23 Paragraph 7.22:

Delete this paragraph and programming flow chart entirely.

Page 7-24 Table 15:

Delete this table entirely.

KANDA

EK-616 ELECTRONIC KEY SYSTEM

INSTALLATION & MAINTENANCE MANUAL

Revision 2
4/86

KANDA EK-616 ELECTRONIC KEY SYSTEM

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1. INTRODUCTION

1.01 This manual includes general and detailed descriptions, installation practices, and maintenance and trouble-shooting procedures relevant to the Kanda EK-616 Electronic Key Telephone System.

1.02 Should revision of this document become necessary in the future, the reasons for reissue will be explained in this paragraph. Revision 2 currently supercedes previous documents.

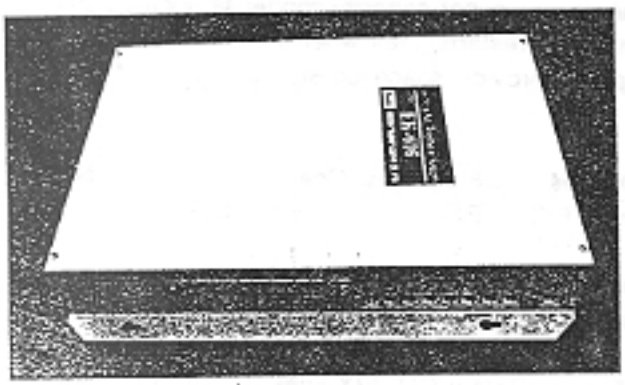

FIGURE 1. EK-616 KEY SERVICE UNIT

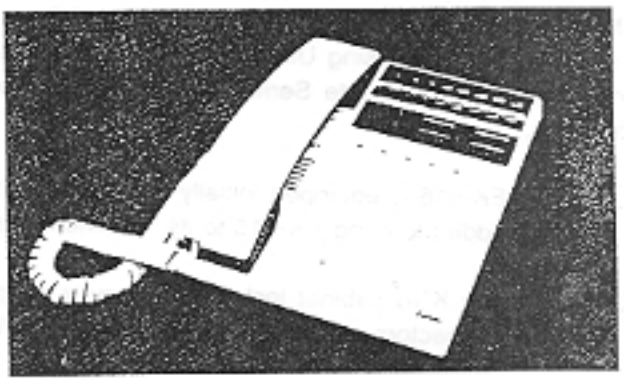

Figure 2. EK-616 EXECUTIVE TELEPHONE

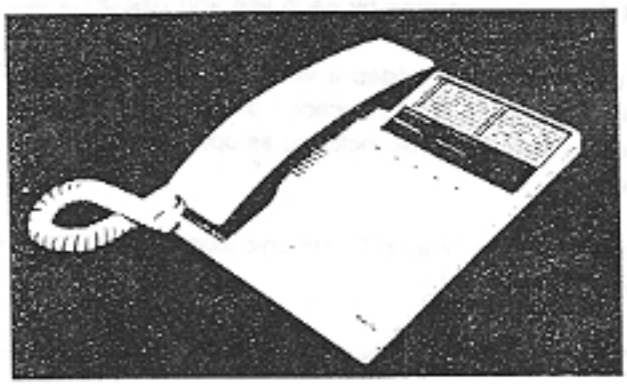

FIGURE 3. EK-616 BASIC TELEPHONE

2. GENERAL DESCRIPTION

2.01 The Kanda EK-616 has been designed as a small Electronic Key Telephone System for use in business applications where flexibility and reliability are prime considerations.

2.02 EK-616 utilizes stored program and microprocessor technologies in order to conserve space and reduce power consumption thereby reducing installation and operating costs.

2.03 Erasable Programmable Read-Only Memory (EPROM) is employed as the storage medium for the system operating instructions. Program changes are stored in Random Access Memory (RAM) and are preserved in the event of commercial power failure by a super-capacity condenser located on the main Central Processing Unit (CPU). The system automatically restarts itself when power is restored. Complementary Metal Oxide Semiconductor (CMOS) crosspoints provide space division switching of the voice paths.

2.04 EK-616 is equipped initially to serve 6 CO/PBX lines and 8 stations. One 8ST PCB must be added to bring EK-616 to its maximum capacity of 6 CO/PBX lines and 16 stations.

2.05 The KSU cabinet includes the power supply unit and is arranged for wall mounting. Modular connectors are used for terminating CO/PBX lines and telephone subsets.

2.06 The telephone subsets will operate on either Tone or Rotary CO/PBX lines. In addition, they will also operate in "mixed" systems where both types of lines are present. Common control circuitry determines the type of dial signal required by each line and responds accordingly.

2.07 EK-616 is easily operated and provides a variety of useful features and capabilities such as speed dialing, do-not-disturb, toll restriction, private line, flexible ringing, etc. Handsfree speakerphones and direct station selection may be included as optional capabilities by selection of appropriately equipped telephone subsets.

2.08 EK-616 is registered with the Federal Communications Commission as a fully protected electronic key telephone system.

Registration number BI792C-14986-KF-E
Ringer Equivalence 1.7B
USOC Jack number RJ11C

NOTE: "This equipment complies with the requirements in part 15 of the FCC Rules for a Class A computing device. Operation of this equipment in a residential area may cause unacceptable interference to radio and TV reception requiring the operator to take whatever steps are necessary to correct the interference."

2.09 EK-616 has been approved for use in Canada by the Department of Communications.

Certification number ..... 754 1429 A
Load number 10B