



Kstu Wiring; Kstu Programming  
Overview; Unit (PdKu); General -  
Toshiba strata DK8 Installation  
Instructions Manual



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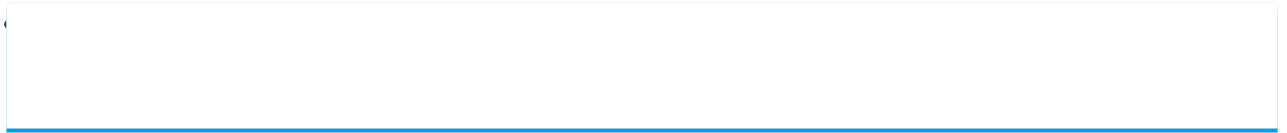
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## Bookmarks





INSTALLATION-DK 16 KSU & PCB

SECTION 100-816-205

MARCH 1993

TABLE 5-A

KSTU CONTROLS AND INTERFACE CONNECTORS

CONTROL/INDICATOR/

CONNECTOR

(Figure 5-11)

TYPE OF COMPONENT

DESCRIPTION

Ring Voltage

Jumper

Plug SW540

Connector

P508

Three-terminal

INSTAL

**TABLE 5-A  
KSTU CONTROLS AND INTERFACE CONNECTORS**

<b>CONTROL/INDICATOR/ CONNECTOR (Figure 5-11)</b>	<b>TYPE OF COMPONENT</b>	<b>DESC</b>
Ring Voltage Jumper Plug SW540	Three-terminal jumper	Sets ring generator circuits: H = 190V P-P

jumper  
 Female  
 Connector  
 Sets ring generator  
 voltage  
 level for all  
 circuits:  
 H=190VP-P  
 L = 130v  
 P-P

**TABLE 5-A  
 KSTU CONTROLS AND INTERFACE CONNECTORS**

CONTROL/INDICATOR/ CONNECTOR (Figure 5-11)	TYPE OF COMPONENT	DESC
Ring Voltage Jumper Plug SW540	Three-terminal jumper	Sets ring generator circuits: H = 190V P-P L = 130V P-P
Connector P508	Female Connector	Mates to male conn motherboard.
Connector Cable P504	Cable	Connects to P4 con motherboard.

Mates to male connector  
 P8 on the  
 motherboard.  
 Connector  
 Cable P504  
 Cable  
 Connects  
 to P4 connector  
 on the  
 motherboard.  
 2) Plug the KSTU cable into the P4 connector  
 on  
 the motherboard  
 in the Base Unit. The red  
 wire on the cable should  
 match up with pin 1

on the lower side of the connector.  
 3) Plug the KSTU P508 female

connector into  
 the P8 male connector  
 on the motherboard.  
 4) Secure the KSTU to the standoffs  
 with the two  
 provided  
 screws.

6.30 KSTU Wiring  
 6.31  
 Refer to Base Unit Wiring in Section  
 100-816-  
 208 for KSTU wiring.  
 6.32 The KSTU must be connected to a OL13A (or  
 equivalent) type  
 lines for off-premises  
 stations.  
 (300  
 ohms  
 loop  
 resistance  
 max.,  
 including

- 2) Plug the KSTU cable into the P4 connector on the motherboard in the Base Unit. The red wire on the cable should match up with pin 1 on the lower side of the connector.
- 3) Plug the KSTU P508 female connector into the P8 male connector on the motherboard.
- 4) Secure the KSTU to the standoffs with the two provided screws.

- Not required for Backg
- Used for BGM connect

**NOTE:**  
 KSTU Ports (08~11) a  
 signed even if a KSTU

**7 DIGITAL TELEPH  
 UNIT (F**

**7.00 General**

**7.01** The Digital Telephon  
 provides eight ports/circu  
 and it can only be installe  
 The PDKU can also supp  
 face Units (PDIU-DIs/PDIU  
 Interface Units (PDIU-DS  
 Lock Control Unit (DDCB  
 Selection Console (DDSS  
 (ADMs). The DDSS con

**6.30 KSTU Wiring**

**6.31** Refer to Base Unit Wiring in Section **100-816-208** for KSTU wiring.

**6.32** The KSTU must be connected to a OL13A (or equivalent) type lines for off-premises stations. (300 ohms loop resistance max., including the telephone or other devices DC off hook resistance.

**6.40 KSTU Programming Overview**

**6.41** The following parameters may be specified for the KSTU:

**Program 03**

the telephone or other devices DC off hook resistance.

6.40 KSTU Programming Overview

6.41 The following parameters may be specified for the KSTU:

**TABLE 5-A  
KSTU CONTROLS AND INTERFACE CONNECTORS**

Program 03

Specify code 31 for KSTU slot.

Program 31

Used to configure all KSTU ports connected to voice mail (see Chapter 7 for voice mail installation).

Program 10-2

Used to set standard telephone ringing option.

0 Not required for Background Music (BGM) con-

nection.

Program 19

Used for BGM connection

to KSTU Port 12. /NOTE:

KSTU Ports (08-11) are not signed

even if a KSTU is not installed.

7 DIGITAL TELEPHONE INTERFACE

UNIT (PDKU)

7.00 General

7.01 The Digital Telephone Interface Unit (PDKU) provides eight ports/circuits for digital telephones and it can only be installed in the Expansion Unit.

The PDKU can also support Integrated Data Interface Units (PDIU-DIs/PDIU-DI2s), Stand-alone

CONTROL/INDICATOR/CONNECTOR (Figure 5-11)	TYPE OF COMPONENT	DESC
Ring Voltage Jumper Plug SW540	Three-terminal jumper	Sets ring generator circuits: H = 190V P-P L = 130V P-P
Connector P508	Female Connector	Mates to male conn motherboard.
Connector Cable P504	Cable	Connects to P4 conn motherboard.

- 2) Plug the KSTU cable into the P4 connector on the motherboard in the base unit. The next wire in the cable should match up with pin 1 on the lower side of the connector.
- 3) Plug the KSTU P508 female connector into the P8 male connector on the motherboard.
- 4) Secure the KSTU to the standoffs with the two provided screws.

- Not required for Background Music (BGM) connection.
- Used for BGM connection.

**NOTE:**  
KSTU Ports (08~11) are not signed even if a KSTU is installed.

**7 DIGITAL TELEPHONE INTERFACE UNIT (PDKU)**

**7.00 General**

**7.01** The Digital Telephone Interface Unit (PDKU) provides eight ports/circuits for digital telephones and it can only be installed in the Expansion Unit. The PDKU can also support Integrated Data Interface Units (PDIU-DIs/PDIU-DI2s), Stand-alone Lock Control Unit (DDCB), Selection Console (DDSS), and ADMs. The DDSS con-

**6.30 KSTU Wiring**

**6.31** Refer to Base Unit Wiring in Section 100-816-208 for KSTU wiring.

**6.32** The KSTU must be connected to a OL13A (or equivalent) type lines for off-premises stations. (300 ohms loop resistance max., including the telephone or other devices DC off hook resistance.

**6.40 KSTU Programming Overview**

**6.41** The following parameters may be specified for the KSTU:

**Program 03**

Data Interface Units (PDIU-DSs), a Digital Door Phone/Lock Control Unit (DDCB), a Digital Direct Station

Selection Console (DDSS), and Add-on Modules (ADMs). The DDSS console, DDCB, and PDIU-DSs are wired directly to the PDKU and require no additional hardware, but do require their own dedicated ports/circuits. The PDIU-DI/PDIU-D12 or the ADM shares

with its accompanying digital telephone the same wiring and circuitry. The PDKU (Figure 5-15

**TABLE 5-A  
KSTU CONTROLS AND INTERFACE CONNECTORS**

CONTROL/INDICATOR/CONNECTOR (Figure 5-11)	TYPE OF COMPONENT	DESC
Ring Voltage Jumper Plug SW540	Three-terminal jumper	Sets ring generator circuits: H = 190V P-P L = 130V P-P
Connector P508	Female Connector	Mates to male connector on motherboard.
Connector Cable P504	Cable	Connects to P4 connector on motherboard.

2) Plug the KSTU cable into the P4 connector on the motherboard in the base unit. The red wire on the cable should match up with pin 1.

- Not required for Background Program 15



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## Related Manuals for Toshiba strata DK8

### [Telephone System Toshiba Strata DK8 Installation And Maintenance Manual](#)

Digital key telephone systems (609 pages)

### [Telephone System Toshiba Strata DK 16 Installation And Maintenance Manual](#)

Toshiba digital key telephone systems installation and maintenance manual (321 pages)

### [Telephone Toshiba Strata DK8 User Manual](#)

Digital telephone (90 pages)

### [Telephone Toshiba Strata DK8 User Manual](#)

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(60 pages)

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Toshiba Strata CIX IP5000-Series

[Strata CIX DP-5000 series Wiring](#)

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[DP5000-Series Wiring](#)

Toshiba DP5000-Series

[DP5000-Series Wiring](#)

Toshiba DP5000-Series

[Strata DP5000-UG-VC Wiring](#)

Toshiba Strata DP5000-UG-VC

[Strata CIX IP5000-UG-VC Wiring](#)

Toshiba Strata CIX IP5000-UG-VC

[IP5000 Wiring](#)

Toshiba IP5000

This manual is also suitable for:

[Strata dk16](#)