Subject: Toshiba DK-280 Switch Programming for VoiceSaver® Auto Attendant/ Voice Mail System

TECHNICAL DOCUMENT

Introduction

This document shows you how to program the Toshiba DK-280 to work with the VoiceSaver® Auto Attendant/Voice Mail system from Parwan Electronics Corporation (PEC). Please use this document as a guide only. If you have already programmed the switch for other functions, then you should use this document to make the necessary changes to support the VoiceSaver implementation.

Switch Programming

Note

The DK-280 has the option for built-in Auto Attendant. This option and its associated programming do not apply when installing VoiceSaver®.

Program 91-9 System Initialization

This program must be run twice at the beginning of the DK-280 installation to bring all the system data to the default state. Failure to perform this operation will adversely affect VoiceSaver operation.

Program 03 Flexible PCB Slot Assignments

Following system initialization, the DTMF tone receivers RCCS must be programmed. Refer to the Programming Procedures and Record Sheets for Program 03.

Program 10-1 System Assignments

Ring Transfer	LED 07	Must be ON
Tone First/Voice First Signaling	LED 01	This parameter is optional, However, if you choose Voice First (LED 01 OFF), you must add the digit 1 to the end of each Transfer to number in the VoiceSaver mailboxes.

Program 10-2 System Assignments

MW cancel from VoiceSaver   LEC04   Must be ON.

Program 13 Defining the Message Center

No programming is required in this section for VoiceSaver®.

Program 15 Assigning DP/DTMF, Tenant Service

Automatic Release on Voice Mail	Code 0	LED's ON for all C.O. Lines.
Automatic Release from Hold/Transfer	Code 3	LED's ON for all C.O. Lines.

Program 16 Assigning Line Groups

If VoiceSaver will be making external call (for Pagers, Message Notification, etc.), note the Line Group Assignments Assigned here for the digits got dial for an outside (C.O.) line. The default Access Code is 9 for all C.O. lines. If Line Groups are assigned, the Access Codes are 801 through 816 for Line Groups 1-16.

Enter the proper Access Code in the System Information/General Information screen in the field Digits to Get a Line for External Call.

Program 31 Station Class of Service

Toshiba VP	LED 20	Must be ON
Toshiba VP	LED 19	Must be ON
Executive and Privacy Override Blocking	LED 18	Must be ON
End/End Signal RCV	LED 17	Must be ON
Receive Voice Mail ID Code	LED 16	Must be ON
Toshiba VP Integration	LED 15	Should be ON unless the Call Screening Transfer Type is used. If Call Screening is use, LED 15 must be OFF.
All Call Page Allowed	LED 10	Must be ON if using VoiceSaver P.A. System announcement option.
Voice Mail to Conference	LED 09	Should be ON unless using the 3-way Calling option.
Voice Mail Groups	LED 09, LED 05 to LED 08	Assign all Voice Mail ports to one Voice Mail Group. This is typically Group 1. LED 05 On.
Voice Mail to Voice Mail Call Blocking	LED 04	Must be Off.

Program 33 Station Hunting

Program Station Hunting for the Voice Mail ports assigned in the Program 31 (e.g., Port 1 hunts to Port 2, port 2 hunts to Port3, etc.) (See Program 31 Station Class of Service).

Program 35 Station Class of Service

Busy Station Transfer – LED 20 and Busy Station Ringing – LED 19

The combination of these two parameters can allows calls transferred to busy stations by the Auto Attendant to ring the busy station rather than being returned to Voice Mail. To allow this feature to any station in the system, the Voice Mail ports must have LED 20 ON in this Class of Service.

Station that wish to receive Busy Station Ringing must then have LED 19 ON in this Class of Service. Other stations in the system that desire normal busy treatment (i.e. call queuing, leaving a message etc.) should have LED 19 OFF in their Class of Service.

Program 32 Ring Transfer Recall Time

When using Transfer Types Wait for Ring or Blind, this timer determines the amount ot time until an unanswered call will return to Voice Mail. The default is 32 seconds (8-9 rings).

Program 81-89 C.O. Line Ringing Assignments

If you are using Auto Attendant program all C.O. lines to be answered by VoiceSaver to ring at the first Voice Mail port only. Assigning ports to al Voice Mail Group in Program 31 automatically allows hunting for incoming C.O. calls to all ports in the group. Program 33 allows internal station calls to hunt. (See section on Program 31 Station Class of Service and Program 33 Station Hunting).

Digital Telephone Programming

Station Call Forwarding

Any stations wishing to invoked any of the four available mode so station Call Forwarding must first store the Voice Mail ID Code. From the digital telephone enter:

Intercom #656 91 <Mail Box Number>Redial Spkr

This procedure needs to be done only once.

When a station user call-forwards their extension to Voice Mail, the user enters the extension number of the third Voice Mail port.

Message Retrieval

The Message Button must be programmed on each digital telephone to permit the Auto Lon-on feature. For standard Auto Log-on enter:

Intercom #657 92 <Mail Box Number>## Redial Spkr

You may also include the password in the sequence. The Mail Box security is compromised, however, since anyone can now press the Message Button to retrieve the messages. To include the Password in the Auto Log-on sequence enter:

Intercom #657 92 <Mail Box Number>#*<Password> Redial Spkr.

To use the Auto Log-on feature, the Message Button must be turned on from the Voice Mail Box.