

**Panasonic**  
Communication Systems Division  
Technical Advisory

Updated: Nov. 16, 00

**Subject: KX-TD816/1232 Voice Mail Integration with KX-TVS75/100/200**

Document Number: KXTD1232014

**FOR DIGITAL INTEGRATION VIA THE MANAGER'S EXTENSION**

It is important that the KX-TD1232 have the proper software level to allow Digital Integration with the VPS. Follow the procedures below to confirm the software level, then complete the required programming before starting up the VPS.

**All of the following procedures must be done after entering system programming. Refer to the KX-TD1232 Installation Manual for instructions on how to enter the system programming mode.**

**Step 1**

Check the software version of the KX-TD1232 by using PITS programming code 116, which shows the software version number: **P 1 0 1 A 5 0 5 0 8 B**

The underlined digits represent the software production date code (format YMMDD). In this example, the date code is May 8, 1995 (year, month, day). For Digital Integration, the software production date of the PBX must be March 31, 1995, or later.

**Step 2**

*From the **System-Prg No. ?** screen:*

1. Enter [116].
2. Press the NEXT button (sp-phone).
3. Enter the system number ([0] or [1], master/slave).  
The system displays the ROM version and date it was created.

**This version must be P101A with a date of 05-08-95 or later for Digital Integration to be utilized (both systems if system connection is used).**

**VOICE MAIL PORT ASSIGNMENT**

This program tells the PBX which jacks will be connected to the Voice Mail system. This allows the PBX to send the proper Digital Integration information to those ports.

*From the **System-Prg No. ?** screen:*

1. Enter [117].
2. Press the NEXT button (Sp-Phone).  
Screen Output: Master: # # #
3. Enter the jack number of the first port you will use for the Voice Mail (02 - 64).
4. Press [→] to enter the next jack number.

5. Enter the second jack to be used for Voice Mail.
6. Repeat Steps 4 and 5 until all jacks are entered.
7. Press STORE.
8. Press the NEXT button to program the slave system (if connected).
9. Press END (Hold) when finished.

**Conditions:** Jack 01 cannot be used as a Voice Mail port. A jack programmed as a Manager Extension (prg. 006) cannot be used in this program. The jack numbers correspond to Voice Mail port numbers in numerical order. The lowest jack entered here must be connected to the first port of the VPS.

Example: Jack 02 = Voice Mail numbers 01, 02; Jack 03 = 03, 04  
(Each jack entered gives two Voice Mail ports.)

#### **VOICE MAIL EXTENSION NUMBER ASSIGNMENT**

This program allows you to assign an extension number to each Voice Mail port. Since each jack connected to the VPS provides two extensions, this enables you to assign extension numbers to each port. You can assign any extension number that is not already assigned to another port. To reach the Voice Mail system, users dial these extension numbers. It is not necessary to change the default programming for the extensions 165, 166, 167, 168.

*From the **System-Prg No. ?** screen:*

1. Enter [118].
2. Press the NEXT button (Sp-Phone).  
Screen Output: VM NO? →
3. Press the NEXT button (Sp-Phone).  
Screen Output: VM-01:#\_ \_ -1: 165  
( \_ \_ = the first port number you entered in program 117).
4. Enter the extension number that you want this port to have. (The default extension number for port 1: 165; port 2: 166 ...)
5. Press STORE.
6. Repeat Steps 3, 4, and 5 until all extension numbers are entered.

**Conditions:** No two jacks on the system can have the same extension number. If you try to enter a number that is already assigned, you will hear an error tone. Each digital extension connected provides two Voice Mail ports and must have two different extension numbers assigned.

#### **VOICE MAIL EXTENSION GROUP ASSIGNMENT**

This program allows you to assign an extension group number to each Voice Mail port. The default programming for all ports is Group 01. The group assigned should be used only for ports connected to the Voice Mail. It is not necessary to change the default programming for Voice Mail extension group assignments for most applications.

*From the **System-Prg No. ?** screen:*

1. Enter [119].
2. Press the NEXT button (Sp-Phone).  
Screen Output: VM EXG Group Assn.
3. Press the NEXT button (Sp-Phone).  
Screen Output: VM No?
4. Enter the extension group number that you want the first Voice Mail port to be in.

5. Press STORE.
6. Repeat Steps 3, 4, and 5 until all Voice Mail ports are assigned a group.
7. Press END (Hold).

The required programming is complete and the VPS and KX-TD1232 should be able to communicate through Digital Integration.

We recommend that the KX-TD1232 system have any optional extension cards and telephones connected before starting the VPS.

When running the Quick Setup command (Chapter 5) from the VPS, the PBX transmits the station information automatically. This saves time when programming the VPS.