



Programming Instructions for NC399P Pagers (versions 7900 and 7950)

Your TekTone® NC399P Pager has been preprogrammed at the factory and normally will not require reprogramming. These instructions are intended to enable you to keep a spare NC399P pager on hand, and to reprogram it when needed to replace a damaged pager.

About CAP Codes & Pager IDs

TekTone® Tek-PAGING® and Tek-CARE® systems use CAP codes, and their corresponding Pager IDs, to identify which pagers will receive a particular text message. The NC399P Pager can be assigned any Pager ID up to 9999999. Each version 7900 pager can be assigned up to six Pager IDs. Each version 7950 pager can be assigned up to eight Pager IDs. (To determine your pager's version, see *Figure 1*.)

For pagers used with the Tek-CARE®NC300II nurse call system, choose a CAP code between 400–447.

For pagers used with the Tek-CARE®400 nurse call system or the Tek-CARE®500 wireless emergency call system, you may choose any CAP code between 000–999. If you are also using the NC369 Paging Transmitter, you will simplify setting it up if you only use CAP codes between 400–499.

Use this formula to convert the desired CAP code to its corresponding Pager ID:

$$\text{Pager ID} = [(\text{pager's CAP code} \times 8) + 10000]$$

Figure 2 is a CAP code to Pager ID conversion table for the CAP codes most commonly used with TekTone® pagers.

Figure 1—NC399P Pagers



Version 7900:

- The READ button scrolls through the menu options.
- The LEFT and RIGHT buttons change field values.

Version 7950:

- The LEFT and RIGHT buttons scroll through the menu options.
- The READ and ESCAPE buttons change field values.

Figure 2—CAP Code to Pager ID Conversion Table

for the CAP codes most commonly used with TekTone® pagers

CAP Code	Pager ID	CAP Code	Pager ID	CAP Code	Pager ID	CAP Code	Pager ID	CAP Code	Pager ID
400	13200	420	13360	440	13520	460	13680	480	13840
401	13208	421	13368	441	13528	461	13688	481	13848
402	13216	422	13376	442	13536	462	13696	482	13856
403	13224	423	13384	443	13544	463	13704	483	13864
404	13232	424	13392	444	13552	464	13712	484	13872
405	13240	425	13400	445	13560	465	13720	485	13880
406	13248	426	13408	446	13568	466	13728	486	13888
407	13256	427	13416	447	13576	467	13736	487	13896
408	13264	428	13424	448	13584	468	13744	488	13904
409	13272	429	13432	449	13592	469	13752	489	13912
410	13280	430	13440	450	13600	470	13760	490	13920
411	13288	431	13448	451	13608	471	13768	491	13928
412	13296	432	13456	452	13616	472	13776	492	13936
413	13304	433	13464	453	13624	473	13784	493	13944
414	13312	434	13472	454	13632	474	13792	494	13952
415	13320	435	13480	455	13640	475	13800	495	13960
416	13328	436	13488	456	13648	476	13808	496	13968
417	13336	437	13496	457	13656	477	13816	497	13976
418	13344	438	13504	458	13664	478	13824	498	13984
419	13352	439	13512	459	13672	479	13832	499	13992

Reprogram a Version 7900 Pager

First, start programming mode:

- Remove the battery.
- Reinsert the battery backwards and wait about two seconds. Then remove the battery.
- Press the **READ** button while reinserting it correctly (see *Figure 1* for button locations).
- Release the **READ** button, and the screen will display **MNL PROGRAM**.

Next, enter the password:

- Press the **READ** button. The screen will display **[0000]**.
- Press the **READ** button, and then press the **RIGHT** button twice.
- The screen will display **[0200]**. This is the pager's password.
- Press the **READ** button three times to continue.

Finally, enter the Pager ID:

- The screen will display **ID1 ON xxxxxxxx**, where xxxxxxxx is the currently programmed 7-digit Pager ID. For example, **ID1 ON 0013200** will display if the CAP Code is 400.
- Press the **READ** button twice to advance to the first digit of the Pager ID.
- Press the **RIGHT** button repeatedly until the desired digit is displayed, and then press the **READ** button to advance to the next digit of the Pager ID. Repeat this step until the first Pager ID has been entered.
- The screen will display **ID2 OF 1234567**. If a second Pager ID is desired, use the **READ** and **RIGHT** buttons to change **OF** (off) to **ON**, and enter the second Pager ID number. Otherwise, press **READ** repeatedly, leaving ID3 through ID6 off.
- When the screen displays **BAUD: 512**, if your paging system operates at that rate, just press the **READ** button. If your paging system uses 1200 baud, use the **RIGHT** button to select 1200 baud and then press the **READ** button.
- The screen will display **FRE 457.5500**, the paging frequency used by all TekTone® systems. Press the **READ** button.
- The screen will display **PROGRAM YES?** Press the **READ** button to reprogram the pager with the new settings, or press the **ESCAPE** button to exit programming mode and retain the pager's old settings.
- Label the pager with its CAP code and Pager ID.

Reprogram a Version 7950 Pager

First, start programming mode:

- Press and hold the **READ** and **ESCAPE** buttons until the screen displays **PASSWORD: 0000** (see *Figure 1* for button locations).
- Release the **READ** and **ESCAPE** buttons.

Next, enter the password:

- Press the **RIGHT** button. The screen will display **[0000]**.
- Press the **ESCAPE** button twice.
- The screen will display **[0200]**. This is the pager's password.
- Press the **RIGHT** button three times to continue.

Finally, enter the Pager ID:

- The screen will display **A: [ON] xxxxxxxx**, where xxxxxxxx is the currently programmed 7-digit Pager ID. For example, **A: [ON] 0013200** will display if the CAP Code is 400.
- Use the **LEFT** and **RIGHT** buttons to highlight the desired digit of the Pager ID, and then press the **READ** button to decrease its value, or press the **ESCAPE** button to increase its value. Repeat this step until the first Pager ID has been entered.
- The screen will display **B: [OFF] 0000016**. If a second Pager ID is desired, use the **READ** or **ESCAPE** button to change **OFF** to **ON**, and enter the second Pager ID number.
- Press the **LEFT** button repeatedly, until this is displayed:

```
BAUDRATE: 512 BPS
POLARITY: NORMAL
FREQ      : 457.5500 M
PROGRAM   EXIT
```

Do not change the paging frequency; 457.5500 is used by all TekTone® systems.
- If your paging system operates at 1200 baud: Press the **LEFT** button repeatedly to highlight **512**, and then press the **ESCAPE** button to change it to **1200**.
- Press the **LEFT** or **RIGHT** button until **PROGRAM** is highlighted, and then press the **READ** button to reprogram the pager with the new settings. (Or, highlight **EXIT** and then press the **READ** button to exit programming mode and retain the pager's old settings.)
- Label the pager with its CAP code and Pager ID.

Add Programmed Pagers to a TekTone® Nurse Call System

For instructions on adding an NC399P pager to a TekTone® Tek-CARE®400 or Tek-CARE®NC300II Nurse Call System, or a Tek-CARE®500 Wireless Emergency Call System, please see the system's installation manual.

For instructions on adding an NC399P pager to a TekTone® Tek-CARE® NC110, NC150 or NC200 Nurse Call System, please see the installation manual for the NC375 Voltage Interface Unit or the NC377 Paging Interface Adapter.