WaveWare Technologies, Inc.

"Enhancing Mobile Alert Response"

WT 828 Button Programming

WaveWare **WT 828** Pager Button Programming Guide

This Guide is to Help Explain How to Program the **WT 828** Pager using only the Menu and Buttons of the Pager.

To Turn Pager **ON**, Press and Hold Bottom Right Arrow Button. To Turn **OFF**, from Main Menu, Press and Hold Same.

This **Button Programming Feature** is meant for allowing only the "**Basic"** Programming / Editing Options of:

- **The Frequency**
- **The Cap Code(s)**
- **The Baud Rate**

Before we Begin, Let's First become Familiar with the **WT 828** Pager Buttons and then the Display Screen…

The Buttons:

- **Left and Right Arrows**
- **Up and Down Arrows**
- **Left and Right Dash Marks**

The Display Screen: (Starts Dark to Save Battery)…

To "**Activate**" the Display Screen for Viewing, Momentarily Press the **Left Dash Mark**…

You will then see the Main Screen with the "**Time**" located in the Center of the Display

Then, follow the **On-Screen Instructions** as they Appear on the Screen and as Described Below…

Instructions…After you see the Main Screen become Active, Please **Press the Buttons** in the Following Order:

- **Press Left Arrow**
- **Press Right Arrow**
- **Press Left Dash Mark (Menu)** and Now the Main Menu Screen will be Displayed for Viewing

Within the Main Menu Screen, Please Notice…

There are 5 Icons:

- **The Mail** = For **Viewing** the Messages / Alerts
- **The Clock** = For **Setting** of the Time
- **The USA Flag** = For the **Language** Setting
- **The Speaker** = For the **Selecting** of the Alert Cadence PER Cap Code (**Warning:** The Volume is **Very Loud**)
- **The Sprocket** = For "**Settings**", for Working with the many Features and Options

There are also 2 Text Indicators:

- **The Select Option** = The Text in the Left Bottom Corner used to "**Acknowledge**" / Perform the Selected Task
- **The Back Option** = The Text in the Right Bottom Corner used to "**Go Back**" / View the Previous Screen

WaveWare WT 828 Button Programming Guide Continues Next Page

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Continued

To Enter into Pager Program Mode:

The Main Menu Generally Starts with the "**Messages**" Icon Highlighted…

Using the 4 Arrow Buttons Move the Highlight to the "**Settings**" Icon (The Sprocket, Center Bottom) and Press "**Select**"

This Enters into the Device Settings Menu with Choices of:

- **Brightness Level**
- **Auto Lock**
- **Keypad Program**
- **Zoom**

For this Guide, you will Choose the "**Keypad Program**" Option.

Using the "**Down Arrow**" Button Scroll the Highlight to Select "**Keypad Program**" Mode and Press "**Select**"

Upon Entering, this is the Keypad Program Screen and that Displays:

- **The Pager Password** = The Factory Default is Preset to "**All Zeros**"…
- **The OK Option** = Left Bottom Corner to "**Accept**" the Password you Entered
- **The Back Option** = Right Bottom Corner to "**Go Back**" / View Previous Screen

Press "**OK**" to Accept the Factory Password as seen on the Screen or…

Use the **Right / Left Arrow Buttons** to Move the Cursor to "**Select**" the Password "**Number Slot**" you wish to Change

For each **Slot Number** you wish to **Edit**…
Press the "**UP**" Arrow to Start the Scrolling of Numbers from 1 up to the Number you want to use, Repeat per Slot Number
Press "**Select**" once you have Entered the Password

Once you have Entered into the Keypad Program Screen, it offers a List of Options:

- **The Cap Code** = For Entering the 7-Digit Cap Code
  - o Allows for Up-to-8 Cap Codes
- **The Source** = For Selecting the Function Bit
  - o Must Change to Display All "A"s
- **The Signal Rate** = For Selecting the Pager Baud Rate
  - o Allows for Choosing: 512, 1200 or 2400
- **The Frequency** = For Entering the Pager Frequency
  - o Must Match the Paging Transmitter Exactly
- **The Password** = For Editing the Password
  - o All Zeros is the Default and is Recommended to Keep As-Is
- **The Wide / Narrow Band** = For Selecting the Band Type for the Frequency
  - o Narrow Band is what is Most Widely used and should Match the Paging Transmitter
- **The New Encrypt** = For Selecting the Cap Code for use with Encryption (Not Enabled in DEMO Pagers)
  - o This Option Turns "**On or Off**" Encryption for the Individual Cap Code
  - o This Feature would **Only** be for use with the **WaveWare SNAP** and Selective **SPS** Paging Transmitters

Explanations for the Above Options Reviewed on the Next Page

WaveWare **WT 828** Pager Button Programming Guide

Continued

Explanations for the Program Options – (From Previous Page)….

The Cap Code:

- Change / Edit to meet the Requirements for "**Matching**" the Paging Transmitter's "**Pager**" Database
  - o Use the **Arrow Buttons** to Scroll to the Cap Code Slot you wish to Edit and Press "**Select**"
  - o Press the **Down Arrow** to Start the Scrolling of Numbers from 9 Down to the Number you want
  - o Press the **Right Arrow** Button to Move the Cursor to the Next Number Slow and Repeat the Sequence
  - o If you need to Change a Previously Entered Number, use the **Left / Right Arrow** Buttons to get there

The Source:

- For 99% of All Installs these should always be ALL "**A**" for the use of All "**Alphanumeric**" Pagers

The Signal Rate:

- This **Baud Rate Must Match** the Paging Transmitter for Most Paging Protocols, TAP, COMP1 and COMP2, etc.
  - o With the Exceptions for when using the SCOPE and WaveWare Paging Protocols…
    - ▪ These 2 Protocols use the Baud Rate Preset within the Message being Sent to the Transmitter

The Frequency:

- This **Must Match** the Paging Transmitter "**Exactly**" in order for the Pager to Receive the Messages / Alerts

The Password:

- This Setting allows the "**Person In-Charge**" to keep other Users Out of the Button Programming Menu
  - o If the Password is Changed from the Default and has become Lost, is Not known…
  - o The Paging "**Software**" is Required to be able to Change / Edit the Password to Re-Enable this Option

The Wide Band / Narrow Band:

- This Setting is Generally meant to "**Match**" the Transmitter for the Best Communications with the Transmitter
- In most cases this Setting, if Not Matching can work against you, Effecting the Distance the Pager works
- In Rare Cases, the Pager could Possibly Not work well at all…Local or Distance, if the 2 Products don't Match

The New Encrypt:

- This **Encryption** has been Incorporated into the WaveWare Pager to work alongside other WaveWare Products
  - o Allows for the **Safer Mode** of Transmissions between the Transmitter and the Pager, (per Cap Code)
  - o Can Help to try and **Protect** the Paging Messages from being Monitored without Permissions
  - o Works only with Selective "**Encryption Ready**" WaveWare **Paging Transmitters** and **Our SNAP** Product

- Each **Cap Code** can be Set to use Encryption or Not…
  - o To Enable, scroll to the Cap Code you wish to Enable, then Press "**Select**"
  - o Scroll to **ON** or **OFF** and Press "**Select**" and…
  - o Do so for Each Cap Code you wish to "**Enable** or **Disable**" the Encryption

This Ends the WT 828 Pager Button Program Guide

For Questions, Please Contact WaveWare Support: PH: 972.479.1702 x216 or 1.800.373.1466 x216
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