How To Configure a Voice Annunciator

There are three Menu levels as below and the parameters in them:

1. **Basic Settings (Level 1 i.e., n1)**
   - i. "SI" .... Site
   - ii. "SU" .... Subnet
   - iii. "Un" .... Unit
   - iv. "Cr" .... CALL Repeater
   - v. "CP" .... CALL Period
   - vi. "tS" .... Timeout Sounder
   - vii. "Sd" ……. STOP on Deactivation of FIRE switch
   - viii. "FR" ……. Frequency
   - ix. "An" ……… Annunciator Mode

2. **Voice Annunciator Settings (Level 2 i.e., n2)**
   - i. "PA" .... Playback on Activation
   - ii. "Pd" .... Playback on Deactivation
   - iii. "PF" ……. Playback on First Aid
   - iv. "PE" ……. Playback on First-Aid end
   - v. "Pu" .... Playback Volume
   - vi. "PS" .... Pattern Strobe Light
   - vii. "nA" .... Playback Number of repetitions / Time (Activation)
   - viii. "nd" .... Playback Number of repetitions / Time (Deactivation)
   - ix. "nF" .... Playback Number of repetitions / Time (First-Aid)
   - x. "nE" .... Playback Number of repetitions / Time (First-Aid End)

3. **Commands (Level 3 i.e., n3)**
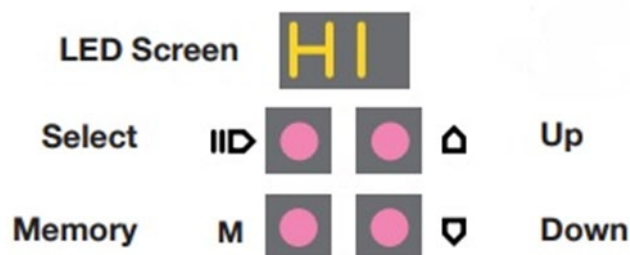   - i. "dS" .... Default Settings

Figure 1: Buttons and LCD in Alertex Unit

How to scroll through menu levels?

1. Press and hold Select until the LED screen displays **'n1'** on the screen.
2. Press Up Down button to scroll through the menu levels, i.e.,
   - i. **n1** = Basic Settings
   - ii. **n2** = Voice Annunciator Settings
   - iii. **n3** = Commands.
3. Press the select button momentarily to scroll through the parameters of the menu level.

What are basic Parameters?

1. Press Select to first change the **SITE** value. Should be same on all the units.
2. Use the Up and Down buttons to change the **SITE** value (**SI**). Should be same on all the units.
3. Press Select again to save the value and move on to the **SUBNET** value (**SU**). Should always be selected as 1, until and unless using masthead as repeater on Subnet 2.
4. Use the Up and Down buttons to change the **SUBNET** value.
5. Press Select again to save the value and move on to the **UNIT** value (**UN**)
6. Use the Up and Down buttons to change the **UNIT** number value. Should be unique on all the units.
7. Press Select again to save the value and move on to the **CALL REPEAT** value (**Cr**)

8. Use the Up and Down buttons to change the **CALL REPEAT** value. Always set to zero until necessary as unit tends to consume more battery on call repeat.
9. Press Select again to save the value and move on to the **CALL PERIOD** value (CP)
10. Use the Up and Down buttons to change the **CALL PERIOD** value. The value ranges from 3 to 90. By default, is set to 60 for long battery life.
11. Press Select again to save the value and move on to the **TIMEOUT Sounder** value (ts).
12. Use the Up and Down buttons to change the **TIMEOUT Sounder** value. The value ranges from zero to 30.
13. Press Select again to save the value and move on to the **Stop on Deactivation** value (**Sd**)
14. Use the Up and Down buttons to change the **SD** number value. Should be 1 to enable and zero to disable.
15. Press Select again to save the value and move on to the **Frequency** value (**Fr**)
16. Use the Up and Down buttons to change the **Fr** number value. Should be same on all the units. Refer to table at the end.
17. Press Select again to save the value and move on to the **Annunciator Mode** value (**An**)
18. Use the Up and Down buttons to change the **Annunciator mode** number value. Should be 1 if the unit is voice annunciator. For all other units should be set to zero.
19. To save the values, press and hold the Memory button until the LED screen displays - - from bottom to top of the screen.

What are Voice Annunciator Parameters?

1. Press Select to first change the **Playback on Activation (PA)** value.
2. Use the Up and Down buttons to change the **PA** value. We can hear the message on each number as we scroll through them.
3. Press Select to change the **Playback Deactivation (PD)** value.
4. Use the Up and Down buttons to change the **Pd** value. We can hear the message on each number as we scroll through them.
5. Press Select to change the **Playback First-Aid (PF)** value.
6. Use the Up and Down buttons to change the **PF** value. We can hear the message on each number as we scroll through them.
7. Press Select to change the **Playback First-Aid End (PE)** value.
8. Use the Up and Down buttons to change the **PE** value. We can hear the message on each number as we scroll through them.
9. Press Select to change the **Playback Volume (Pu)** value.
10. Use the Up and Down buttons to change the **Pu** value. The value rangers from 0 to 20. 10 for normal volume level (100%), **1 -9** are for **10-90%** of normal volume (0 is very weak but still audible), **11-20** are for **110-200%** of normal volume (may distort sound). Volume is applied to both Activation/Deactivation sound.
11. Press Select to change the **Pattern Strobe Light (PS)** value.
12. Use the Up and Down buttons to change the **PS** value. **0=none** (Strobe Light remains Off) and **1 -5** are patterns that exist.
13. Press Select to change the **Playback Number of Repetitions on Activation (nA)** value.
14. Use the Up and Down buttons to change the **nA** value. The value ranges from **0 – 99**. This is the playback on Activations and playback on deactivation are hardcoded to **5 repetitions** of a **20 second message**. The numbers from **1 – 40** are number of repetitions. **41 – 60** is number of seconds i.e., N = value – 40s ranging from **0 – 20** seconds. And **61 – 99** are number multiplied with 10s.
15. Press Select to change the **Playback Number of Repetitions on Deactivation (nd)** value.
16. Use the Up and Down buttons to change the **nd** value. The value ranges from **0 – 99**. This is the playback on Activations and playback on deactivation are hardcoded to **5 repetitions** of a **20 second message**. The numbers from **1 – 40** are number of repetitions. **41 – 60** is number of seconds i.e., N = value – 40s ranging from **0 – 20** seconds. And **61 – 99** are number multiplied with 10s.
17. Press Select to change the **Playback Number of Repetitions on Activation of First Aid (nF)** value.
18. Use the Up and Down buttons to change the **nF** value. The value ranges from **0 – 99**. This is the playback on Activations and playback on deactivation are hardcoded to **5 repetitions** of a **20 second message**. The numbers from **1 – 40** are number of repetitions. **41 – 60** is number of seconds i.e., N = value – 40s ranging from **0 – 20** seconds. And **61 – 99** are number multiplied with 10s.
19. Press Select to change the **Playback Number of Repetitions on First Aid end (nE)** value.
20. Use the Up and Down buttons to change the **nE** value. The value ranges from **0 – 99**. This is the playback on Activations and playback on deactivation are hardcoded to **5 repetitions** of a **20 second message**. The numbers from **1 – 40** are number of repetitions. **41 – 60** is number of seconds i.e., N = value – 40s ranging from **0 – 20** seconds. And **61 – 99** are number multiplied with 10s.
21. After making the desired changes, please make sure to save the settings.
22. To save the values, press and hold the Memory button until the LED screen displays - - from bottom to top of the screen.

What are Commands?

1. Default settings in level 3 can be used to hard reset the unit. To do so go to menu level 3 **(n3).**
2. Select the default setting and set the value to 1. Default value if zero and it resets are unit has been reset.
3. To save the values, press and hold the Memory button until the LED screen displays - - from bottom to top of the screen.
4. The device has been reset, and all of the Menu levels 1 and 2's parameters have been set to their default values.

The Frequency Range

VALUE	FREQUENCY
-b	433.150 MHz
-A	433.275 MHz
-9	433.400 MHz
-8	433.525 MHz
-7	433.650 MHz
-6	433.775 MHz
-5	433.900 MHz
-4	434.025 MHz
-3	434.150 MHz
-2	434.275 MHz
-1	434.400 MHz
0	434.525 MHz (STANDARD)
1	434.650 MHz
2	434.775 MHz