



9017 Hiwassee Street NW  
Charleston, TN 37310  
(423) 665-9995 | [www.423tech.com](http://www.423tech.com)

## ADVANCED SELECTIVE SCANNER

Congratulations on the purchase of your new Advanced Selective Scanner! In its past life, your scanner was a fully functional public safety radio used by a policeman, fireman, EMT, or other first responder. It has been fully repurposed to be easy to use to monitor a public safety radio system in your area. This guide will help you familiarize yourself with its operation and use for maximum enjoyment and longevity.

### IMPORTANT NOTICES:

- Radios are programmed exactly per your order. If you wish to change programming at a later date, please contact our office. A one-time re-programming fee will apply, and we'll be happy to consult and assist you.
- The Advanced Selective Scanner can be programmed for monitoring one county at a time only. If you wish to monitor multiple counties, please contact our office to choose an alternative scanner model.
- No radio scanner sold by Tennessee Technology Solutions permits transmitting or connection to any radio system at any time. Modifying your scanner to transmit or otherwise interfere with a public safety radio system is a felony and Tennessee Technology Solutions will directly assist law enforcement with prosecution of any individual doing so.
- State radio systems are subject to change, and agencies may choose to enable encryption or change radio system technologies at any time. Absolutely no refunds will be issued in this circumstance as it is beyond our control.
- Your scanner radio is a radio receiver, meaning it is subject to interference or blockage of signals by foliage, furniture, walls of thick construction, and other sources. It is strongly recommended to keep your scanner radio in a high location within your home or office so it can receive a quality signal from the radio system being monitored.
- Never operate the scanner radio (powered on) while connected to the charging base. Doing so will overheat and damage the battery. The scanner must always be powered off when charging.
- Scanner radios are for personal use only and not for life-safety, law enforcement, or other public safety use.
- By purchasing any radio scanner from Tennessee Technology Solutions, you acknowledge and accept full responsibility for its lawful and appropriate use. Tennessee Technology Solutions expressly waives all liability for any misuse or unlawful activity conducted with the scanner. Users are solely responsible for adhering to local, state, and federal regulations regarding radio communication and are encouraged to use the scanner responsibly and ethically.

## OPERATION INSTRUCTIONS:

Your Advanced Selective Scanner has been pre-programmed to receive the following agency radio talk groups (channels) in your area:


A maximum of 10 talk groups may be selected to listen to at a time. You can dynamically enable or disable scanning of any talk group in the list at any time as desired.

## BUTTONS, SWITCHES, AND CONTROLS:





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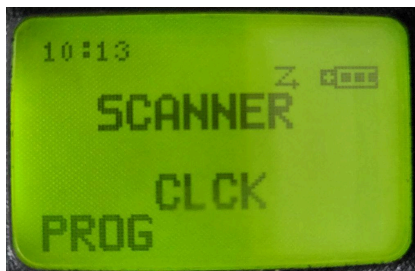
## SCANNING INSTRUCTIONS:

For ease of use, your scanner radio is programmed to automatically begin scanning immediately upon power up, so no action is required to begin scanning. To adjust which agencies you are monitoring, you must edit the scan list.

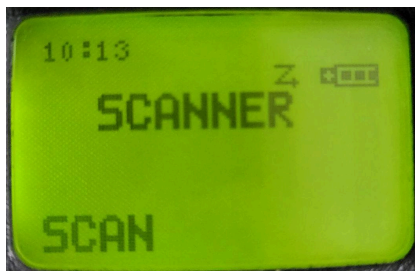
## EDITING THE SCAN LIST:

Your scanner radio works by using a scan list. Selecting talk groups (channels) for the agencies you wish to monitor can be changed at any time, with a maximum of 10 selected to scan at once.

With the scanner radio powered on, you will see the following in the display. Your scanner may say "MCMINN COUNTY" or other text in the place of "SCANNER" as shown. Procedures are the same regardless of what is shown in that area.



Using the far left Softkey (single dot icon), select **PROG**. The display will change as shown below.



Using the far left Softkey (single dot icon), select **SCAN**. The display will change as shown below. You will see a blinking square icon in the top right of the display, indicating you are editing the scan list.




## EDITING THE SCAN LIST (CONTINUED):

Using the directional pad, press the right hand button to scroll right. The radio may beep and say “**UNPROGRAMMED**,” this is normal. Simply scroll down using the lower directional pad key until you begin seeing the names of agency talk groups (channels, e.g. “**BCSO**”) and the beeping stops, as shown below.



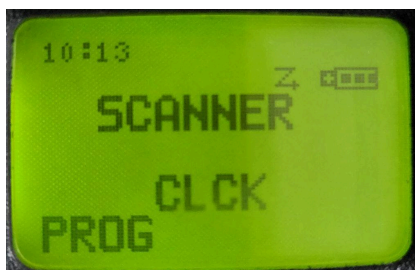
The square icon will continue flashing while in scan list edit mode. Scroll through the available list of agency talk groups (channels). The **Z** icon indicates that a talk group is in the scan list. Talk groups in the scan list will be heard when activity is present. Using the left Softkey (single dot icon), press **SEL** to select or deselect scanning a talk group. If the **Z** icon is not present, that talk group will not be scanned, and thus not heard when active. Scroll through all talk groups in the list using the up or down directional pad keys, and use the **SEL** option to enable or disable scanning. If the radio beeps when hitting **SEL**, it means that you’ve already selected 10 talk groups to scan, which is the maximum supported, so you must unselect another talk group to choose another to scan.

When you have finished editing your scan list, you must exit scan list edit mode in order to begin hearing radio traffic.

Press the Home button  to return to the idle screen. At this point, no further action is required. The scanner radio will automatically scan per your configured scan list. The scan list will remain the same even when the radio is powered off and back on.

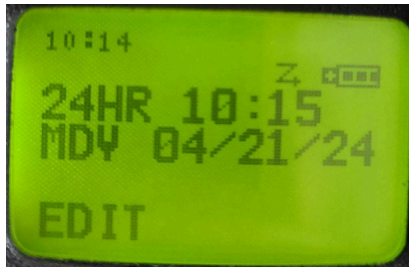
## SETTING THE DATE AND TIME:

From the scanner radio idle screen, press the center Softkey (two dots icon) to select **CLCK**.



## SETTING THE DATE AND TIME (CONTINUED):

The display will change as shown in the image below, and you will see the scanner radio's current date and time.



Press the far left Softkey (single dot icon) to select **EDIT**. “**24HR**” or “**12HR**” will begin blinking. The blinking indicates that this is the function or value you are editing. To use a 24-hour clock, also called “military time,” leave the value at “**24HR**.” To choose a standard 12 hour clock, use the directional pad to scroll up or down to select “**12HR**.”

When you are finished choosing a 12 or 24-hour clock, use the directional pad to scroll right to edit the hours and minutes. Scroll up or down using the directional pad to change the numeric value to the correct time. Continue scrolling right once your desired values are selected. You may also edit the month, day and year values as desired, but they are not shown on the idle display of the radio, only when selecting **CLCK** from the main screen.

When you are finished editing the clock format, date and time, and date format, press the far left Softkey (single dot icon) to select **SAVE**.

## BASIC CARE INSTRUCTIONS:

- Your scanner radio is durable, but is not intended to endure abuse or misuse.
- Your scanner is water resistant, but not waterproof, and should be kept away from running water and should never be submerged.
- Your scanner radio is a radio receiver, meaning it is subject to interference or blockage of signals by foliage, furniture, walls of thick construction, and other sources. It is strongly recommended to keep your scanner radio in a high location within your home or office so it can receive a quality signal from the radio system being monitored. If you don't hear any radio traffic for an extended period, relocate the radio somewhere else.
- It is not recommended to operate the scanner radio at maximum volume for an extended period. It can cause damage to the speaker over time and result in low audio quality.
- Never operate the scanner radio (powered on) while connected to the charging base. Doing so will overheat and damage the battery. The scanner must always be powered off when charging.
- Scanner radios are for personal use only and not for life-safety, law enforcement, or other public safety use.