

**These instructions apply to virtually any Ozscan Data card.**

## **How to select a FAVORITE from the menu.**

**Applies to PT/HP & USDS/SDS Uniden models.**

Each Favorite is allocated a 'Quick Key' for easy access through the keypad or you can access this information via the Scanners menu option.

**The default setting on an updated 'Ozscan' Micro SD card is always OFF.**

Push the Menu pad on the left side of the UBCD436-PT & USDS100 Scanner.

(UBCD536-PT located on front keypad)

**Set Scan Selection** will be highlighted.

Push the **Eyes** button located on the bottom right of the keypad.

**Manage Quick Key Status** will be highlighted.

Push the **Eyes** button located on the bottom right of the keypad.

**Favorites Quick Key** will be highlighted.

Push the **Eyes** button located on the bottom right of the keypad.

At the top of the screen it will say '**Set Quick Key Status**'.

By using the volume dial, rotate it clockwise to highlight your selection.

As you scroll down the list of each 'Favorite' you will see to the right of the screen if that particular selection is ON or OFF.

Highlight the 'Favorite' you wish to turn on and then push the **Eyes** button.

By pushing the **Eyes** button repeatedly you can see it will alternate your selection – On or OFF

Any combination of 'Favorites' can be on at the same time.

There are no limits to how many are active, but remember – the more that are active, the longer it will take the Scanner to monitor them all.

Once you have completed your selection of what you want to monitor, simply push the SYSTEM button to put the Scanner into 'Scan' mode.

(USDS100 - Push the Scan button, located above the 1 key)

The Scanner will now only monitor the selections you have made.

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## **How to de-active a Favorite to save 'Boot Up' time.**

### **Applies to UB CD436PT/HP UB CD536PT/HP**

#### **USDS100/SDS100**

In the case of the NSW GRN and SA GRN Update card there are around 28 to 70 Favorites to load up every time you turn the Scanner on.

This can take up to a minute to load and prepare the SD card for use.

Just like a computer the Scanner has to read all the installed data and prepare itself for operation.

To avoid this delay - you can turn off the Favorites that are not being used in your area - saving your Scanner time when 'booting up'.

[This process does not delete or remove the Favorite](#)

Turn the Scanner on and let it load all the data off the card as it normally would.

Once all the data is loaded and the Scanner is operational, push the **MENU** pad/button.

**Set Scan Selection** will be highlighted.

Push the **Eyes** button.

**Manage Quick Key Status** will be highlighted.

Scroll down the Menu and highlight **Select Lists to Monitor**

Push the **Eyes** button.

**Full Database** will be highlighted.

**Note:** Full Database and Search with Scan should both be OFF by default. Leave them OFF!

Scroll down the list and highlight your choices that are not relevant to your current location - selecting the correct ones to turn OFF will improve the 'Boot up' time of the Scanner. If your data card contains locations that are geographically too far away to monitor - turn them off.

Highlight the Favorite that you wish to turn OFF. Then push the **Eyes** button.

This will change the tag from ON to OFF.

Make as many selections as you like from the Menu listing.

Once you have selected all the Favorites that you do not require, push the **System** or the **Scan** button - depending on your model.

The Scanner will remember your selection and when you power up again it will only load the Favorites you have marked as YES.

Reducing 'Boot Up' time from a minute to only a few seconds, depending on what you have activated.

If you travel to a new location you can repeat the process again and turn ON any Favorites that were turned OFF previously

## **How to turn off a System.**

### **Applicable to UBCD436PT-UBCD536PT and USDS100 and SDS100**

Sometimes within a Favorite there may be multiple Systems. Systems that are of no interest to you or outside your location - these can be turned off via the Menu.

Let's say that the Favorite you like to monitor has a few systems in it that are of no relevance to your location.

By turning off Systems that are not applicable to your location saves the Scanner going through unwanted Systems and obviously speeds up the scanning speed.

#### ***For example.***

The NSW database contains a Favorite called 'Hunter Region'. Inside the 'Hunter Region' Favorite there are 10 individual Systems. Each System represents a location within the 'Hunter Region'.

You can reduce the number of Systems being scanned by turning off unwanted Systems (locations) and force the Scanner to monitor only the System or Systems that are actually relevant to your location.

Let's say that you lived in the city of Newcastle, this is also the name of one of the Systems inside the 'Hunter Region' favorite.

Inside the same 'Hunter Region' Favorite there is a System called 'Muswellbrook'.

Due to the distance between these two locations there would be no point in having both active if you lived in Newcastle. You would only want to monitor the 'Newcastle' System.

*You can only receive activity from GRN sites that are within reception range of the Scanner. Just because a System is activated does not mean you will hear it from a distant location.*

*Scanners are the same as two way radios and will only pick up a signal if it is within range.*

*If your Scanner is home based - this is the number one reason you would shut down systems not relevant to your area.*

*Having unwanted Systems active can slow the Scanner down and cause you to miss replies to conversations. While you can use the Site HOLD function, avoiding unwanted Systems is more efficient.*

### **Turn the Scanner on.**

Push the **Menu** Pad/button and the main Menu screen will appear.

**Set Scan Selection** will be highlighted.

Push the **EYes** button.

**Manage Quick Key Status** will be highlighted.

Push the **EYes** button.

Set Quick Key Status Menu will appear.

**Favorites Quick Key** will be highlighted.

Using the volume dial, *scroll down* and select **System Quick Key**.

Push the **EYes** button.

**Select Favorites List** menu screen will appear.

Using the Volume dial scroll down the list and select the Favorite that has the System in it, that you wish to modify.

Once you have selected (Highlighted) the Favorite you wish to edit, push the **EYes** button.

Remember! Only the Favorites that you have active will appear. If you have turned OFF certain Favorites previously, these will NOT appear and can not be edited. If your Favorite is not visible - go back into the Menu and turn it back ON.  
By default all installed Favorites are ON and will appear in the listing.

The **Set Quick Key Status** Menu screen will appear,  
A list of ALL the individual Systems within the selected Favorite will be listed.  
*By default - these will all be ON.*

Scroll down the list and highlight the System you wish to turn OFF. (or ON if already turned OFF previously)

Once it's been highlighted – push the **EYes**

This will turn the selected System OFF.  
Repeating the process will turn it back ON.

You can select as many as you like – in some instances you may have a mixture of Emergency and Public services. You may wish to turn off all the Public Service systems and only monitor the Emergency Services systems.

Remember - a NSW GRN related System contains the Sites relevant to the location shown. Make sure you do not turn off a System that is relevant to your location. This will render the Scanner 'deaf' and you won't hear anything. Even if you have the correct Favorite ON.

Once you have turned OFF (or ON) the selected Systems within your Favorite list, you can then push the SYSTEM/Scan button and resume Scanning – the Systems you turned OFF will now be permanently avoided within the selected Favorite, until such time you go back into the menu and turn them back on again if needed.

## **To HOLD on a System - USDS100 & SDS100 (SDS200)**

*When you HOLD on a SYSTEM the Scanner will NOT monitor any other SYSTEMS or Favorites until SYSTEM HOLD is turned OFF.*

*System HOLD will only monitor the Departments and Sites within the held system.*

Wait until the System's name appears on the screen then push the **SYSTEM** button once. Then release the button. Do NOT HOLD it down. The Scanner will emit two 'beeps'.

The Scanner will then monitor only the Departments and Sites within that System.

If the incorrect System is in HOLD mode, wait until the System is highlighted then push the System button once again, then scroll the volume dial left or right until your preferred System is highlighted. Then release the dial.

The Scanner will now HOLD on your new selection.

All Departments and sites if applicable - will be monitored within that System.

*To release the System back into Scanning mode – push the SYSTEM/Scan button once.*

## **To HOLD on a System - UBCD436PT & UBCD536PT**

*When you HOLD on a SYSTEM the Scanner will NOT monitor any other SYSTEMS or Favorites until SYSTEM HOLD is turned OFF.*

*System HOLD will only monitor the Departments and Sites within the held system.*

Wait until the System's name appears on the screen then push the **SYSTEM** button once. Then release the button. Do NOT HOLD it down. The Scanner will emit a confirmation 'beep' and a small '**Hold**' tag will appear on the screen to the right of the System name.

The Scanner will then monitor only the Departments and Sites within that System. If the incorrect System is in HOLD mode, push the System button once again and then using the volume dial, scroll left or right until the correct System is highlighted. Then release the volume dial, the Scanner will emit a confirmation 'beep' and then monitor the selected System.

All Departments and sites if applicable - will be monitored within that System.

*To release the System back into Scanning mode – push the SYSTEM/Scan button once.*

## **To HOLD on a Site - USDS100 & SDS100 (SDS200)**

*When in Site HOLD mode the Scanner will not SCAN any other SYSTEMS or Favorites until SITE HOLD is turned OFF. Site HOLD monitors only the selected SITE within the current system.*

You have two options to select the Site you want to HOLD

*While in scanning mode, look carefully at the screen and make a note of the Site that displays 3-5 bars on the signal meter (top right hand side of the screen). The default NSW GRN SD card site will have a name allocated to it – making it easier to select which one is the active site. Make a note of this site for future reference if needed.*

*You can also wait until you hear voice activity and make a note of the Site that is being used when a conversation is taking place.*

Once you have made the choice of the best site to use in your location you can now HOLD on that site.



Site HOLD forces the Scanner to use that site, instead of checking other sites that may have no reception at all. If you're travelling and the signal weakens, select a new site according to your location.

Push the **FUNC** button then briskly push the centre key under the main screen.

(Pushing the FUNC button give the buttons under the screen a 'double purpose'.  
When FUNC is pushed the screen will display Site instead of the normal Dept text)

While the current site is highlighted, use the volume dial and scroll to the site you wish to HOLD.

Once you have selected the relevant site - release the volume dial and the Scanner will now HOLD on the selected site.

*To release the Site from HOLD, simply push the **Func** button and then the **Site** button again to release the held site.*

If the site is receiving a good strong signal the signal meter will flicker up and down, indicating the reception strength.

A meter showing 5 bars is obviously the best.

## **To HOLD on a Site - UBCD436PT UBCD536PT BCD436HP BCD536HP**

To activate 'Site Hold', push the Func button/pad and then the Dept/Site button. You then need to use the volume dial to scroll between the sites.

(Pushing the FUNC button gives the DEPT/SITE button a 'double purpose').

*This FUNCTION mode only stays available for around 5 seconds, so it takes a bit of practise to get used to how quick you have to apply this process.*

Once the name of the site you wish to monitor appears on the screen, stop scrolling and release the dial.

The name of the site in HOLD mode will be displayed and a small 'HOLD' tag will appear on the right hand side of the Site name to confirm.

The Scanner will HOLD on the selected site and monitor all available TGID's via that site.

To release 'Site Hold' – repeat the sequence. Push the Func button/pad and then the Dept/Site key.

*You cannot monitor any other Favorites in 'Site Hold' mode.*

You can also initiate 'Site Hold' during voice activity.

When a conversation starts, that is a good indication that the Scanner is using a control channel and has found the best control channel to use.

While a conversation is taking place - push the Func button/pad and then the Dept/Site button.

The Scanner will then lock onto the current active site and all voice activity will continue to be monitored via the selected site.

To release 'Site Hold' – repeat the sequence. Push the Func button/pad and then the Dept/Site key.

## **To Hold on a Department. (USDS100 and SDS100)**

When in DEPT HOLD mode the Scanner will only monitor the DEPARTMENT within the current system

For example – let's say you have 4 departments and each one contains different TGID's for each service.

Fire – Ambulance – SES – Police, but you only want to listen to the Ambulance dept. You have two options to select the Dept you wish to HOLD

Your first option is to wait until the department you wish to monitor has voice activity and then simply push the **DEPT** key and then release it.

The selected Department will be highlighted and stay in HOLD mode until such time you push the **DEPT** key again to release it.

The Scanner will then hold on that department monitoring all TGID activity within it.

**REMEMBER - It's only monitoring that Department - No other Favorites can be monitored while in HOLD mode.**

To release DEPT HOLD, simply push the **DEPT** key again.

Your second option is to manually select the Department by pushing the DEPT button once while Scanning. Scanner will stop on the current Department. It should be highlighted.

If it has not stopped on the one you wish to monitor, Push the DEPT button once again and then using the volume dial - scroll through the Departments until you find the one you wish to HOLD.

Release the volume dial and the selected Department will be in hold mode.

**(The background is generally highlighted to remind you it's in hold mode)**

To release the Department from HOLD, push the **Dept** key again to put all Departments within the system back into Scan mode.

## **To Hold on a Department. UB CD436PT/HP & UB CD536PT/HP**

You have two options to HOLD the Department of interest.

You can wait until your preferred Department is active and then simply push the **DEPT/Site** Key.

This will then HOLD on the selected Department and only monitor voice traffic relevant to the Department selected.

Once the conversation has finished and you wish to resume Scanning, simply push the **DEPT/Site** key again to release the Department from HOLD and resume scanning all departments within the system again.

Your second option is to push the **DEPT/Site** key. The current Department being monitored will be put into HOLD mode. The current Department name will be displayed on the screen and HOLD text will appear in the centre left of the screen.

Now to find the correct Department, push the **DEPT/Site** key again and while the centre section of the screen is highlighted, scroll the volume dial left or right until you find the correct Department you wish to monitor. Once found - simply release the dial.

The Scanner will now only monitor the TGIDs within that selected Department.

Once the conversation has finished and you wish to resume Scanning, simply push the **DEPT/Site** key again to release the Department from HOLD.

## **Avoiding a Department UBCD436PT/HP UBCD536PT/HP and USDS100 and SDS100 (SDS200)**

If you have several Departments in the System you're trying to monitor you may wish to avoid some of those Departments that are of no interest to you.

In the case of the NSW database there are between 10 and 15 different Departments for each individual System.

One of these Departments maybe for 'Railcorp'.

Now the Railways may not be of interest to all users so let's say you wanted to shut down or avoid the 'Railcorp' TGID's.

First thing you have to do is select the Favorite that is of relevance to the location your trying to monitor.

Remember - In the case of the NSW GRN update SD card, the Favorite is named after a location.

Inside the Favorite there are Systems, in regards to the NSW GRN updated SD cards - these are generally also in reference to a location, but a smaller area than the Favorite.

Inside the System there are the Departments where the TGID's are stored.

## To avoid a Department.

Push **Menu**.

Scroll down to '**Manage Favorites**'.

Once highlighted - Push the **EYes** button.

Select the Favorite that contains the Department you wish to avoid or delete.

Once you have highlighted the chosen Favorite - Push the **EYes** button.

**Review/Edit System** will be highlighted – Push the **EYes** button.

Select the System that contains the Department that is to be modified.

Once highlighted – Push **EYes**.

Scroll down the screen and highlight '**Edit Department**' – Push the **EYes** button.

Now you will see a list of all the Departments available to modify.

Select the Department you wish to avoid – highlight it and Push the **EYes** button.

Scroll down the screen and select 'Set Avoid' – Push the **EYes** button.

Make your selection from the three options.

Stop avoiding (Only valid if the Department is already avoided).

Temporary Avoid (Will shut the selected Department down until the Scanner is turned off and back on again)

Permanent Avoid (Will shut the Department down until such time you choose to release it from permanent avoid using the 'Stop avoiding' option).

Select **Permanent Avoid** if your confident the Department is something your not interested in monitoring.

Once you have made your selection – Push the **EYes** button to confirm.

Your choice has now been confirmed and the Department should be avoided.

The previous menu will appear on the screen, push the **SYSTEM** button to resume scanning.

The department you have avoided inside the selected Favorite has now been avoided.

To enable that Department again – repeat the process – but select, 'Stop Avoiding' from the three options.

You can visit the web page to see more information.

<http://ozscan.wixsite.com/datacards>

While every effort is made to ensure that the information provided is correct and current - things happen.

It would be expected that the user would have read the instruction manual and familiarised themselves with the keypad and the operation of the buttons.

This instruction is provided to users of the Ozscan NSW GRN update card and is not to replace the original Uniden manual.

If you notice something that requires attention or correction, please submit your revision or question to: [ozscan@outlook.com](mailto:ozscan@outlook.com)

You can also request a PDF copy of these instructions via the same email address.

Created by Ozscan 14/12/2019

Version 1.00