__Voice and Beep function in the UV380/RT3S__

Turn your UV380/RT3S on.

If you have uploaded the voice prompts then they will automatically be enabled in level 1. The first level that is the default Level 1, voices all the menus but only the channel and talk group etc. when you hit the SK1 button (button just above the PTT). The second level is like the first but if you are voicing a talk group and change something else while it is speaking it will automatically begin voicing the new information, this is called follow on and the third level voices everything all the time without you hitting the SK1 button.

If you want to change the voice prompt level then you do this by pressing the green menu/ok button (top left on the keypad) followed by the up arrow key until you reach the Options menu and select it by hitting green menu/ok button. Then cursor up or down till you reach the sound options menu and select it by hitting the green ok/menu button. Then cursor up or down to Prompt voice mode. If level 1 is selected it will announce voice mode if level 2 or 3 is selected it will announce voice mode level 2 or 3. Hold the SK1 button (top button the left of the radio) and use the up and down arrow keys to select the mode you want and then hit the green menu(ok button to select it.
You can of course change your selection later if you want to at any time. In the following description I will be using Voice Prompts Level 1 (the Default)

Using the Voice Prompts

When you turn on the radio you should be in your Home Zone as you only created one zone in the code-plug, so you don't have to worry about selecting a zone.

Whenever you change the channel using the rotary channel selector on the top of the radio you can voice the channel name by hitting SK1 on the side of the radio (button above the PTT). If you are not changing the channel but just want to know what channel the radio is on then just hit SK1 again. If it tells you the talk group because that was the last thing you changed then

just rotate the channel knob one place clockwise (up 1 channel) followed by one place anticlockwise (down 1 channel) to put you back on the original channel and hit SK1.

As you will have guessed from the last paragraph a similar system is used for Talk-groups. If you hit the up or down arrow you will go up or down 1 entry in the talk-group list. Hitting SK1 will announce the talk-group.

Pressing the green menu button (top left button the keypad) will announce menu and whichever menu you are currently on. Hit the up arrow button or down arrow button on the keypad and each new menu item will be announced each time you hit the up or down arrow button. To hear items in this menu hit the Green OK/Menu button again and you are taken to the second level and can use the up and down arrow buttons to go through the items and hold the SK1 button and use the up or down arrow keys to change them or if they are numeric values use the keypad, in any case use the Green OK/Menu button to confirm the selection or the Red Cancel button to exit without saving.

The UV380/RT3S has two modes of operation, channel mode and VFO mode. Normally you are in channel mode but if you want to switch to VFO mode then press the red cancel button (top right on the keypad) and if you press SK1 in VFO mode it will announce the receive and transmit frequencies stored in VFO A. If they are the same then just the frequency will be announced and just once if they are different (repeater) then both will be announced with the words receive and transmit in front of them. To change the receive frequency just type a new frequency on the keypad after you enter the last digit the frequency will be read back to you. So if you want to enter 434.1 then enter 434 then the UV380/RT3S will say point and then continue the frequency entry with 10000. If the original receive and transmit frequencies were different then OpenGD77 will assume you are using a repeater and will also alter the transmit frequency with the same frequency split. If you want to alter just the transmit frequency then while in VFO mode just hold the SK2 (Bottom button on the left side of the radio) and press down arrow. Now you can enter a frequency just as for receive and you have changed the transmit frequency.

Using the Beep function

Rotating the rotary control on the top of the radio in a clockwise direction will take you up through the channels you configured for this zone and rotating it in an anticlockwise direction will take you down through the list of channels. Each time you press a key it will beep and when you reach the first channel in the list it will beep with a higher tone to tell you that you are on the first channel. You can then rotate the rotary knob a number of positions to reach the channel (repeater or hot-spot) that you want to use.

Selecting a talk-group works in the same way using the up and down arrow keys. Pressing the PTT for half a second or so will now select that talk-group in your hot-spot or on the repeater and you can begin using it but be careful that someone is not already on using the repeater. Remember a repeater will automatically deselect the talk-group if you don't use it for 10 to 15 minutes or so, a hot-spot will stay connected to that group until you select another as it's your own personal repeater.

If you hit the star/asterisk key it will toggle between Time Slot 1 and Time Slot 2 with a high beep for TS1 and a low beep for TS2. If you are in Voice Level 3 then the time slot will be voiced or if you are in voice Level 1 then you can voice it by hitting SK1.

If you hold the SK2 button (lowest button on the left hand side of the radio) and hit star/asterisk then the UV380/RT3S will toggle between DMR and Narrow band FM. With a high tone for DMR and a low tone for NBFM. Again if you are in Voice Level 3 then NBFM will be announced. DMR is not announced as the Talk group is announced and so you know you are in DMR mode and if you are in voice level 1 then you can hit the SK1 button to announce NBFM or the DMR Talk Group.

And now some other functions available on the UV380/RT3S

If you hold the SK2 button (Bottom button left hand side) and hit the up arrow key then you can reduce the power from maximum to a minimum of 50 milliwatts in a number of steps each change will produce a low beep and when you reach the lowest power setting there is a high beep. 50 milliwatts

the lowest setting is ideal for use with a hot-spot. Holding SK2 and hitting the down arrow key increases the power in steps from 50mW, to 250mW, 500mW, 1 Watt, 2 Watts, 3 Watts, 4 Watts and the highest power 5 Watts.

Although not essential you can change the display brightness by going to the display option menu and selecting display brightness and then holding SK1 you can use the Up and Down arrow keyt to change the brightness of the display. Then hit the green menu/ok button to confirm.

OpenUV380/RT3S has many more functions, too many to cover here but here are a few :-

Unless you set up filters your UV380/RT3S is always listening in Promiscuous mode that means if you are listening to a repeater you will hear everything that repeater is transmitting whatever talk-group it is on. This means for example if you have your UV380/RT3S on TG91 and the repeater is working at the moment on TG2350 then you will hear anyone on the repeater using TG2350 but if you transmit you will transmit on TG91 and they won't hear you and you will switch the repeater to TG91. So if you hear someone and want to work them, if you hit the SK2 button (bottom button left hand side) while someone is talking it will put your UV380/RT3S on their talk group and then when you transmit they will hear you. If you are using a hot-spot normally it will only be monitoring one talk group, though it is possible to configure a hot spot to monitor more than one. If you change the talk group on your UV380/RT3S remember to transmit for around half a second to your hot spot to move it to the same talk group.

If you want to use a talk group which is not in your code plug then you just need to hit the hash button, enter the talk group number on the keypad and then hit the green menu/ok button and your UV380/RT3S is on that talk group.

If you want to go to a reflector rather than a talk group which you may want to do if you use the DMR+ or Phoenix networks then you enter it the same way as for a talk group but enter a number between 4000 and 5000.

If you want to make a private call then press the hash key twice and enter the dmr id of the person you want to speak too and then press the green ok

button. Now you can talk to that person if they are on the network. To return to normal talk group mode just press the right or left arrow key to select a talk group.

 If you would like to loan your UV380/RT3S to a friend. If you type hash 3 times (bottom right on the keypad) and then hold the sk1 key (just below the ptt) and hit the hash key again you get the dmr id on the screen and can enter a new dmr id from the keypad. If you confirm with the green ok/menu button (top left on the keypad) then it will only remain in operation until you power off the radio and then it will revert back to the original DMR id. If you want to store the new id permanently then confirm by holding the SK2 button (Bottom button on the left hand side) and press the green ok/menu button.