

Also important is the feature whereby certain banks or search memories can be either excluded, included or linked in scan or search operation. What this mean is that you may have frequencies stored in all 10 memory banks. e.g., fire department, air traffic etc., but you only wish to scan say, the air traffic frequencies. You can either lock out the banks you don't want or tell the scanner to only include the one/s you do want. Obviously if you want to scan 8 out 10 banks it may be easier to lock out the two banks you don't want while if you are willing to scan only 2 banks it would be better to simply include just these two banks rather than tell the scanner to exclude the other eight. When you see how to perform each method you will see that excluding banks is tedious and has to be done one bank at a time while the "include" mentioned involves one single operation and is, in our opinion, the better method for all occasions. Or you can link series of banks and scan only those banks linked. For example if you would like to scan or search bank 3 through 6, you can link bank 3, 4, 5 and 6 and can scan or search repeatedly.

However, even in this case, you can scan or search within one single excluded bank by pressing of corresponding numerical key. For example, you linked bank 3 through 6, and now you want to scan or search excluded bank 1, you press numerical key "1" in scan or search mode accordingly.

Be aware that if a bank has been locked in the scan mode then that bank is unavailable in scan mode. For example, you set the scanner to scan bank 2 to 6 and locked out bank 4, then you tried to scan bank 2 through 6, it scans only bank 2,3,5,6 but not bank 4 because as far as it's concerned bank 4 is not exist. To scan bank 2 to 6 completely you have to cancel lock out and resume bank 4. You will see how to do this in later part of this instruction manual.

The same thing is applied to the search mode. If you have set the scanner to include search range memories 1 to 4 but 3 is locked out, in this case the scanner passes memory 3 and search only 1,2,4.

Interestingly enough, this does not apply to STORING a frequency. You can store a frequency in any bank whether it's locked out or not.

Note that the search memory selection has no effect on any mode of operation other than search mode, unlike the scan selection which does affect manual mode as far as memory banks and channels are concerned.

During scanning or searching, when a busy frequency is found the scan or search will stop. What happens next depends on the status of DELAY/HOLD. Pressing the DELAY/HOLD key will toggle between DELAY and HOLD showing the relevant status on the display.

In HOLD mode, the scan or search will stop on a busy frequency and stay there until you tell it to move on by pressing SCAN or SEARCH depending on whether you were SCANNING or SEARCHING when it stopped.

In DELAY mode the scan or search will resume automatically approximately two seconds after the frequency the unit stopped at becomes quiet. (This means, in practice, when the squelch closes.)

In F.SCAN (free scan) mode the scan or search will resume automatically approximately six seconds after the frequency the unit stopped regardless even if signal is still existing on that frequency. To activate F.SCAN mode, press 2ND.F and then press F.SCAN.

Scanning.

There are 3 distinctive ways to scan **AE 300**

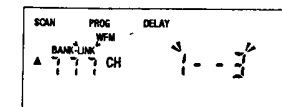
Normal Scan: Scan all the memorized channels unless such are locked out.

Bank Link Scan: Scan linked series of banks only.

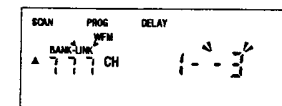
Channel Link Scan: Scan linked series of banks and channel.

Bank Link Scan

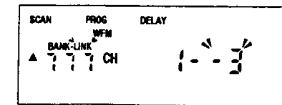
- 1 Simply pressing **SCAN** will cause a scan of all selected banks to occur.
- 2 To link certain banks, while you are in **SCAN** mode, press **BANK** key. **LINK** in display start blinking with current linked lower limit bank number and upper limit bank number blinking. To change current linked banks, follow steps. For example, to link bank 1 to bank 5;



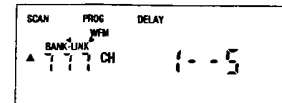
Enter new lower limit bank number, 1



Then press **ENT**



Enter new upper limit bank number, 5



Then press **ENT**

