Advice on how to improve scan speed:

SCAN runs fastest when analog mode frequencies and digital/auto mode frequencies to be scanned are saved into separate banks, as switching from one complex algorithm to the other uses a lot of CPU cycles, therefore time.

LCD direction: (since v.1903A)

The LCD display can now be mirrored and flipped, for special vehicle applications.

F + 7
Press down arrow until "LCD DIRECTION" line
Turn mail dial for selection (0 = normal, 1 = mirror, 2 = vertical + mirror, 3 = 180 degrees)
ENT

IF direction: (since v.1907B)

- The IF direction can now be set. Advanced only. Useful when connecting another receiver's IF OUT to the antenna input of AR-DV1, for digital decoding tests.

Press F+9
Go to the "IF DIR" line with the DOWN arrow.
Select NOR or REV by rotating the main dial.
Validate with ENT.

AR DATA EDITOR: (Requires v.1907B to support the Tetra slot number feature)

A convenient browser-based memory data editor for AR-DV1 at http://www.aorja.com/AR-DATA-EDITOR/help.html
- Load, edit and save your receiver's memory channel data.
- Create new frequency databases
- File format conversion between AR-DV1 and AR-DV10. In other words, a frequency database of one receiver can be opened and saved into a format the other receiver can understand.

Optional PRO feature: Tetra GSSI user group filtering: (since v.2101C)

(This PRO feature is fitted as standard on the high-end AR5700D receiver, but a chargeable option for the AR-DV1.)

- To activate this PRO feature, first you have to purchase an activation key at: https://www.aordirect.jp/. Then, the 15-digit activation key has to be registered into your receiver as follows:

Press F+7
Go to the "TETRA ACTIV." line with the UP arrow.
Press ENT
Input the 15-digit key via the numeric keypad. After the last digit has been input, the screen will be automatically reverted to the standard VFO mode.

To check if activation has been successful:
Press F+7
Go to the "FIRM VER." line with the UP arrow. If a "T" amends the firmware version number (for ex. 2101C**T**), activation has been successful.
If unsuccessful, re-enter carefully the activation code as described above.

The activation code will remain in memory even after a firmware update (to a higher version), a system reset and a full reset.

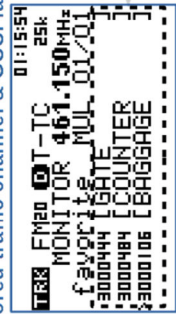# How to use the optional TETRA GSSI user group filtering PRO feature for AR-DV1

① VFO mode

In T-TC mode, tune to any traffic channel of the target TETRA network. The receiver will automatically switch to its main traffic channel.

② Long press SCAN

Monitored traffic channel & GSSI favorites

If it's your first use, the dotted "favorites" area will be empty.

Here is where the GSSI numbers of the monitored TETRA netowrk will be automatically listed. As there need to be some activity on a GSSI to be listed, it may take some time to be completed.

③ Press CLR

GSSI list

Press ENT

Bookmark a GSSI

Long press ENT

Press ENT

Assign a name to a GSSI

Enter characters via the keypad. Rotate the main-dial to move the cursor.

④ Press MODE to toggle

SNG ⟷ MUL

SINGLE: Only the selected GSSI is received
MULTI: All active GSSIs are received

Choose between GSSI single or multi receive

SINGLE: Only the selected GSSI is received. If in SINGLE mode, only the selected GSSI will be heard.

Selected GSSI	>3000444
GSSI received now	3000106*
GSSI with activity	3000106*
Muted GSSI	✕3000109
GSSI list page	01/03

Rotate the main dial to change the selection. If in SINGLE mode, only the selected GSSI will be heard.

Press PASS to mute or unmute this GSSI.

GSSI list page number. Maximum 7 pages (or 50 entries).

To leave the GSSI function: Press VFO.

How to delete a bookmark

Select the bookmark with the main-dial and press FUNC + CLR.