### AR-DV1 COMMAND ADDITIONS

#### CC DMR COLOR CODE (Since firmware 1512A)

<table>
<thead>
<tr>
<th>CC</th>
<th>CCnn</th>
<th>nn: 0~16</th>
</tr>
</thead>
</table>

To Read: CC<CR>

Response: CCnn

While receiving color code: CCnn,rr

\n
\n
Result code:

- 20 --- Read or Write successfully
- 40 --- Command format error
- 50 --- Parameter out of range

#### CM DMR (MUTE BY) COLOR CODE (Since firmware 1512A)

| CM | CMnn | n: 0,1 Default 0
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>n=0</td>
<td>Color code function not used</td>
</tr>
<tr>
<td></td>
<td>n=1</td>
<td>Mute when color code does not match</td>
</tr>
</tbody>
</table>

To Read: CM<CR>

Response: CMn

Result code:

- 20 --- Read or Write successfully
- 40 --- Command format error
- 50 --- Parameter out of range

#### MM LAST CHANNEL MEMORY REGISTRATION (Extended since firmware 1509B)

<table>
<thead>
<tr>
<th>MM</th>
<th>MMn</th>
</tr>
</thead>
<tbody>
<tr>
<td>/</td>
<td>MMn</td>
</tr>
</tbody>
</table>

n: 1~3

- MM & n=1 VFO and common settings
- n=2 Saves memory and search channels/groups
- n=3 Saves both as MM and MM2

Write only command

Result Code:

- 20 --- Registration completed
- 21 --- Command received. Start registration.
- 30 --- Write protect enabled
- 40 --- Format error
- 50 --- Parameter out of range

#### NC NXDN RAN CODE (Since firmware 1512A)

<table>
<thead>
<tr>
<th>NC</th>
<th>NCnn</th>
<th>nn: 00~64</th>
</tr>
</thead>
</table>

To Read: NC<CR>

Response: NCnn

While receiving RANcode: NCnn,rr

\n
\n
Result code:

- 20 --- Read or Write successfully
- 40 --- Command format error
- 50 --- Parameter out of range
### NM
**NXDN (MUTE BY) RAN CODE (Since firmware 1512A)**

<table>
<thead>
<tr>
<th>NM</th>
<th>NMn</th>
<th>n: 0,1</th>
<th>Default 0</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>n=0</td>
<td>RAN function not used</td>
<td></td>
</tr>
<tr>
<td></td>
<td>n=1</td>
<td>Mute when RAN code does not match</td>
<td></td>
</tr>
</tbody>
</table>

To Read: NM<CR>
Response: NMn
Result code:
- 20 --- Read or Write successfully
- 40 --- Command format error
- 50 --- Parameter out of range

### OT
**DMR SLOT SELECTION (Since firmware 1509F)**

<table>
<thead>
<tr>
<th>OT</th>
<th>OTn</th>
<th>n: 0~3</th>
<th>default 0</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>n=0</td>
<td>slot 1+2 (1 has priority)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>n=1</td>
<td>slot 2+1 (2 has priority)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>n=2</td>
<td>slot 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>n=3</td>
<td>slot 2</td>
<td></td>
</tr>
</tbody>
</table>

To Read: OT<CR>
Response: OTn
Result code:
- 20 --- Read or Write successfully
- 40 --- Command format error
- 50 --- Parameter out of range

### PC
**APCO25 NAC CODE (Since firmware 1512A)**

<table>
<thead>
<tr>
<th>PC</th>
<th>PCxxx xxx: 000~FFF (16 hexadecimal, 3 digits)</th>
</tr>
</thead>
</table>

To Read: PC<CR>
Response: PCxxx
While receiving NAC code: PCxxx,rrr
- xxx= NAC code you set.
- rrr= currently received NAC code
Result code:
- 20 --- Read or Write successfully
- 40 --- Command format error
- 50 --- Parameter out of range

### PM
**APCO25 (MUTE BY) NAC CODE (Since firmware 1512A)**

<table>
<thead>
<tr>
<th>PM</th>
<th>PMn</th>
<th>n: 0,1</th>
<th>Default 0</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>n=0</td>
<td>NAC function not used</td>
<td></td>
</tr>
<tr>
<td></td>
<td>n=1</td>
<td>Mute when NAC code does not match</td>
<td></td>
</tr>
</tbody>
</table>

To Read: PM<CR>
Response: PMn
Result code:
- 20 --- Read or Write successfully
- 40 --- Command format error
- 50 --- Parameter out of range