```
Mode Numbers
41 --> Digital mode
73 --> analog mode
F3 --> DS2 native mode


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***************************************************
<<QUERY_DS2_ANALOG_MODE>>
CMD=01,41,00,5A,5A (5A,5A,5A,5A)
DAT=--,ID,SS,WW,XX (YY,00,00,ZZ)

ID=mode number

SS=5A --> mode not changed
SS=00 --> mode changed

WW,XX,YY,ZZ=FF,FF,03,5A --> DS2 native mode
WW,XX,YY,ZZ=00,00,00,00 --> not

***************************************************
***************************************************
<<READ_DATA>>
CMD=01,42,00,00,00 (,00,00,00,00)
DAT=--,ID,SS,XX,XX (,XX,XX,XX,XX)

ID=mode number

SS=5A --> mode not changed
SS=00 --> mode changed

XX= button/stick data

***************************************************
***************************************************
<<READ_DATA_AND_VIBRATE>>
CMD=01,42,00,WW,PP (,00,00,00,00)
DAT=--,ID,SS,XX,XX (,XX,XX,XX,XX)

ID=mode number

SS=5A --> mode not changed
SS=00 --> mode changed

WW=00 --> small motor off
WW=01 --> small motor on

PP=00-FF --> large motor speed

XX=button/stick data

***************************************************
***************************************************
<<READ_DATA_AND_VIBRATE_EX>>
CMD=01,42,00,WW,PP (,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00)
DAT=--,ID,SS,XX,XX (,XX,XX,XX,XX,XX,XX,XX,XX,XX,XX,XX,XX,XX,XX,XX,XX,XX)

ID=mode number

SS=5A --> mode not changed
SS=00 --> mode changed

WW=00 --> small motor off
WW=01 --> small motor on
```

```
  PP=00-FF --> large motor speed

  XX= button/stick data

  ****************************************************
  ****************************************************
  <<CONFIG_MODE_ENTER>>
  CMD=01,43,00,01,00 (,00,00,00,00)
  DAT=--,ID,SS,XX,XX (,XX,XX,XX,XX)

  ID=mode number

  SS=5A --> mode not changed
  SS=00 --> mode changed

  XX= button/stick data

  ****************************************************
  ****************************************************
  <<CONFIG_MODE_EXIT>>
  CMD=01,43,00,00,00 (00,00,00,00)
  DAT=--,ID,SS,00,00 (00,00,00,00)

  ID=mode number

  SS=5A --> mode not changed
  SS=00 --> mode changed

  ****************************************************
  ****************************************************
  <<CONFIG_MODE_EXIT_DS2_NATIVE>>
  CMD=01,43,00,00,5A (5A,5A,5A,5A)
  DAT=--,ID,SS,00,00 (00,00,00,00)

  ID=mode number

  SS=5A --> mode not changed
  SS=00 --> mode changed

  ****************************************************
  ****************************************************
  <<SET_MODE_AND_LOCK>>
  CMD=01,44,00,XX,YY (00,00,00,00)
  DAT=--,ID,SS,00,00 (00,00,00,00)

  XX=01 --> analog mode
  XX=00 --> digital mode

  YY=03 --> lock mode.  Mode button on controller is locked

  ID=mode number

  SS=5A --> mode not changed
  SS=00 --> mode changed

  ****************************************************
  ****************************************************
  <<QUERY_MODEL_AND_MODE>>
  CMD=01,45,00,00,00 (00,00,00,00)
  DAT=--,ID,SS,01,02 (MM,VV,01,00)

  ID=mode number

  SS=5A --> mode not changed
  SS=00 --> mode changed
```

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VV=02 --> dual shock
MM=01 --> analog mode
MM=00 --> digital mode

VV=01 --> DS2 native
MM=01 --> analog mode
MM=00 --> digital mode

****************************************************
****************************************************
<<VIBRATION_ENABLE>>
CMD=01,4D,00,00,01 (FF,FF,FF,FF)
DAT=--,ID,SS,XX,YY (FF,FF,FF,FF)

ID=mode number

SS=5A --> mode not changed
SS=00 --> mode changed

XX,YY=00,01: pad vibration enabled
XX,YY=FF,FF: pad vibration disabled

****************************************************
****************************************************
<<VIBRATION_DISABLE>>
CMD=01,4D,00,FF,FF,FF,FF,FF,FF
DAT=--,ID,SS,XX,YY,FF,FF,FF,FF

ID=mode number

SS=5A --> mode not changed
SS=00 --> mode changed

XX,YY=00,01: pad vibration enabled
XX,YY=FF,FF: pad vibration disabled

****************************************************
****************************************************
<<SET_DS2_NATIVE_MODE>>
CMD=01,4F,00,FF,FF (03,00,00,00)
CMD=--,ID,SS,00,00 (00,00,00,XX)

ID=mode number

SS=5A --> mode not changed
SS=00 --> mode changed

XX=5A --> OK
XX=00 --> NG
```