

<b>TECHNICAL BULLETIN</b>
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<b>Date: February 10<sup>th</sup>, 2009</b>
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<b>Equipment:</b> <b>AP01</b>	<b>Previous version: M 3.2</b>
<b>Software version:</b> <b>M 3.3</b>	

**Modifications and news:**

- 1) Modification of the following pre-set TPSAT:
  - Satellite 13°EST TPSAT 53: change of modulation from QPSK (DVB-S) to 8PSK (DVB-S2).
  - Satellite OPTUS C1 156E, OPTUS D2 152E (only for Australia): upgrade of local oscillator from 11300 to 10700.
- 2) Improvement of the sensitivity of the keyboard, in the double-marker function.
- 3) Optimisation of handling of 4 ways DiSEqC command forwarding. Alignment of the commands-transmission sequence inside the DiSEqC menu (long pressure of DiSEqC key DiSEqC 4 WAYS submenu) with the same commands sent fast (pressure of DiSEqC key if 4 WAYS is selected in the DiSEqC menu) from outside the menu.
- 4) Introduction of printing of the measured programme into the DATA LOGGER function, if it is already added to and saved inside the programme table as "ID:" (long pressure of PR key).