



AntiLog V3.3e/V4.0e User Guide Supplement

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Please note you have been supplied with V3.3e or V4.0e of the AntiLog embedded software as part of our continued product development. This supplement lists the significant changes introduced since V3.3c and V4.0c.

1 Media full LED indication

When starting AntiLog in record mode, the red panel LED will now flash a total of five times followed by a long gap if the media is full following power up. In earlier releases, it was necessary for AntiLog to receive serial port data before it displayed this error sequence.

2 New 'About' menu format

The About menu format has been changed so that it is common across the single channel (V3.3e) and dual channel (V4.0e) embedded software versions. An example of the V3.3e About menu output is shown below:-

```
FIRMWARE: AntiLog-P[R] 3.3e, build 17-Sep-2007
HARDWARE: ASL/16/001, REV F
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- Bootloader detected: AntiLog_Bootloader,2.0,04-Mar-2006

Record    = 115200,8,N,1,- (Record All)
Playback  = 115200,8,N,1,- (RAW)
Menu      = 115200,8,N,1,- (As Playback)
```

For V3.3e, the features detected (preceded by '-') will only include the Bootloader if present as shown above. For V4.0e, other detected features will be displayed with additional information where appropriate. An example of the new V4.0e About menu output is shown below where a lid mounted Real Time Clock (RTC) has been detected which uses the new 12026 RTC hardware.

```
FIRMWARE: AntiLog-M[R] 4.0e, build 17-Sep-2007
HARDWARE: ASL/16/002, REV E
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- Bootloader detected: AntiLog_Bootloader,1.3,06-Dec-2004
- Real Time Clock detected: (12026) ASL/18/001

Record      = 4800,8,N,1,- (Record All,AscTStamp,PollFn)
Playback Ch1 = 115200,8,N,1,- (RAW,SessionHdr,TStamp)
Menu        = 115200,8,N,1,- (As Playback)

<Press RETURN or SPACE BAR key to return to main menu>
?
```

3 Improved shutdown sequence for Option 'P'.

When power is removed from an AntiLog system which has the Forced Power Option (Option 'P') installed, the log file is automatically closed ready for a new session. The power to actually perform this operation comes from a special reservoir capacitor fitted to the AntiLog-P hardware. Power from this device only lasts for a short period so to maximise its use, V3.3e and V4.0e now use the AntiLog microcontroller SLEEP function whilst waiting for media writes to complete, which has the effect of reducing unit power consumption slightly during the shutdown sequence improving shutdown write reliability for media that has slightly higher power consumption or slower write timing.