

AMBIENT RECORDING

ALL 601 LANC LOGGER



The LANC LOGGER is the newest addition to the Clockit timecode range of timecode products.

Although extremely small it is packed with features and modern electronics using an low power ARM processor and an OLED display. On board is a real time clock and a flash card extendable memory for logging.

Powering is by 2 AAA batteries or through LANC or USB interfaces. The batteries provide instantaneous backup should external power be removed.

As with the Clockit Controller, all software updates can be uploaded via the internet and USB connection, guaranteeing a long and useful life for the unit.



ALL 601 LANC LOGGER

Inputs/Outputs

- USB for data download, software update etc.
- IR Port for cable free uploading of time etc. (ASCII protocol)
- 2X Minijack. LANC in and LANC through for parallel connection of Zoom control etc.
- 2X Minijack. Stereo Audio in, Audio/TC Out
A camera microphone can be connected to this input the audio signal is carried through. Timecode at - 40dB to 0dB adjustable can be added to channel 2 as burst (triggered by camera start LANC) or continuous. This port can be configured using the 6 keys and display.
- Standard Lemo 5 pin in/out with Aaton ASCII protocol.

The following functions can be implemented:

- Timecode generator reader, variable level TC output
- Timecode translator: LANC TC to LTC; LTC to Midi TC

Timecode solution for non timecode cameras

There are a number of non timecode HDV cameras now being used for professional multicamera shoots. There are often many many hours of material which has to be synced up. Up to now there is no universal solution for synchronising the video and audio to a common Time Of Day timeline. The Lanc Logger provides this solution.

- Time of day is recorded on audio Track as burst or continuous. Avid and other software can recognise audio track timecode and use it to synchronise rushes.
Note: The TC output level is adjustable and LP filtered to minimise and optimise input level for the audio track to reduce crosstalk etc.
- Logging with Lanc interface.

A log of Cassette TC read from the LANC interface against time of day timecode from the Lanc Logger provides data for a log (EDL) of cassette TC (record run) against time of day. This EDL can be downloaded via USB and merged with the EDLs of other cameras or audio to synchronise all takes to a common time of day timeline.

Note: The features in 1. can be run parallel to this logging process providing a second source of synchronisation. A log of TOD to camera start and stop read from the lanc interface can also be made.

Note: Other accessories being used on the camera such as zoom control can be still used when the Lanc Logger is connected. There is a loop through input. A universal stereo minijack cable (2.5mm/3.5mm) is provided for connecting LANC and audio to camera

Hand logger

Worn round the neck the the Lanc Llogger can be used to hand log events by pressing a keypad

Remote timer

The Lanc logger can be used to remote start and stop the camera at preselected times using the accurate timecode generator as timebase. Run stop times can be entered through the keypad. A software interface for PC to configure the unit is planned.