



Ambient Recording GmbH

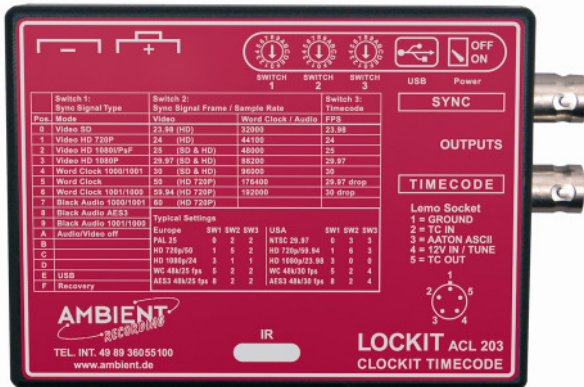
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ACL 203 Trilevel Sync Lockit



Over the last few years Hi-Def cameras have set a new standard with superior picture quality and resolution. Adding to the increasing popularity these devices have become economically priced and the portfolio is continuously expanded with new models and formats such as various HDV cams, the Panasonic P2 series or the Red One. With broadcast in HD being pushed forward as the future TV standard on a global scale this trend is further enhanced.

The all new Lockit ACL 203 stays abreast of this development superseding its predecessor, the ACL 202CT. It now includes the complete variety of current HD video formats as well as samplerate based syncing for audio recorders in WordClock and black audio up to 192 KHz. This complexity of possible modes called for a redesign of the interface. 3 rotary encoders now control the function blocks syncformat, syncfrequency, and timecode framerate. This allows for quick and straightforward dialing through even the most exotic variants as pull up/down or cross jam modes. Despite of these extensive enhancements it could be achieved to maintain the footprint of the original Lockit box due to the use of latest technology. Thus, with the well known accuracy of .2ppm the Lockit continues being the prime choice for sophisticated synchronisation demands on the go offering less than a single frame per day drift between units on the set operating fully autonomously.

Supported settings

720P	23.98, 24, 25, 29.97, 30, 59.94, 50, 60
1080i / PsF	23.98, 24, 25(50i), 29.97(59.94i), 30(60i)
1080P	23.98, 24, 25, 29.97, 30
PAL	25 Fps
NTSC	29.97, 30 Fps
Word Clock	32, 44.1, 48, 88.2, 96, 176.4, 192 KHz, pull-up / pull-down
Black Audio AES3	24 Bit, same sample rates as above.

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