

Aaton timecode: GMT-S

- Real-time Ltc reference for audio recorders, SD & HD video cameras, digislates.



battery compartment

fps selection: 24, 25, 29.97df, and 30

battery on/off switch

fps selection LED flashes on frame 0

central button triggers clock from 01h 00m 00s

- low battery warning
- initialization reminder
- external power on

June 1997-Dec. 2004

A very low-power TCXO driven high stability time generator

GMT-S delivers Ltc at 24, 25, 29.97df and 30fps. It is used as a 1ppm reference for video cameras, audio recorders and accessories such as digislates.

- GMT-S is initialized from an Aaton OriginC master clock (ASCII protocol) or from an SMPTE Ltc source (whatever its frame rate), e.g. an A-Minima camera or an audio recorder featuring a high stability internal clock.
- GMT-S also is an emergency master clock. Pressing the central button activates the clock from

01h 00m 00s, with a date starting from January 1st 1992. Incremented by one day each time it is initialized this way, GMT ensures a never-twice-the-same time reference.

- Dual LTC parallel outputs provide both a 0-5VTTL signal and an adjustable -20dB to -60dB low level signal for audio/video recorder mike or line inputs.

ScriptLink* reference

ScriptLink being on a playback shoot, connect the Ltc signal from the audio player to the GMT Ltc input. The playback timecode is correlated to the internal clock time, and sent to

ScriptLink which detects TC breaks for further synchronisation.

Technical Specifications

- 63x123x26mm
 - 150 grams
 - 9V battery (150h).
 - 7 to 18V ext. supply.
 - 6mA consumption.
 - 1ppm TCXO (Temp. Compensated Xristal Oscillator)
 - Industry standard Lemo-5
- 1 Gnd
 - 2 Smpte in
 - 3 Ascii in/out
 - 4 Low Smpte out
 - 5 High Smpte out

