



Slaving a PAL Video at 24fps (4% Slow)

Timecode Standard/Framerate Converter

- **Timecode Input any standard** ..... 24, 25(EBU), 30(SMPTE), DROP FRAME
- **Timecode Output any standard**..... 24, 25(EBU), 30(SMPTE), DROP FRAME
- **Input  Output Frame Rate Gearbox** ..... 23.97 : 24 : 24.97 : 25 : 29.97 : 30
- **Switchable Timecode** .....Generator Lock Source Reader, Video
- **RS232 Serial Interface** ..... ASCII Protocol
- **RS422 Sony P2 Output** ..... Video Slave at any Frame Rate
- ..... **6 Preset configurations**  
..... Easy Setup for Repeat Jobs

The Timecode Gearbox is used whenever you have to mix code standards, normally because someone has supplied you with an Audio or Video and a different standard or Frame rate:-

Examples

- 1 The M & E track has been supplied with 29.97 fps SMPTE timecode and you are working with 25 fps EBU timecode.
- 2 You are dubbing the final mix to film at 24 fps and you are supplied with a dialogue tape recorded to 25fps Video.  
The Timecode Gearbox may also be used to change standard/timecode value without gearbox action.
- 3 You are working with a system that does not recognise Drop frame code and you need to convert from Drop to Non Drop.
- 4 You have almost finished your Mix and a new video is supplied with a different timecode.  
The Synchronizer section of the TG-1 may be used to synchronize any non-linear VTR (V-Mod, V-1, Viper) or Dynamic scan VTR at a different frame rate.
- 5 You wish to prepare the music tracks for a 24fps film to a 25fps PAL video, you can use the TG-1 to slave the Video to 24fps so that there is no pitch shift on the final version.

**TG-1 TIMECODE GEARBOX:** Timecode In - Out: Converts both standard and frame rate. Any combination of 23.97 : 24 : 24.97 : 25 : 29.97 : 30 supported.