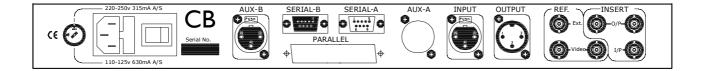


## TG-1 Timecode Gearbox





Audio Master	25 : 24	V-1/Vmod or Dynamic Tracking
	Timecode RS422	
	Slaving a PAL Video at 24fps (4% Slow)	Video

Timecode Standard/Framerate Converter

•	Timecode Input any standard 24, 25(EBU), 30(SMPTE), DROP FRAME
٠	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
٠	Switchable TimecodeGenerator Lock Source Reader, Video
٠	RS232 Serial Interface ASCII Protocol
٠	RS422 Sony P2 Output Video Slave at any Frame Rate
•	

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.