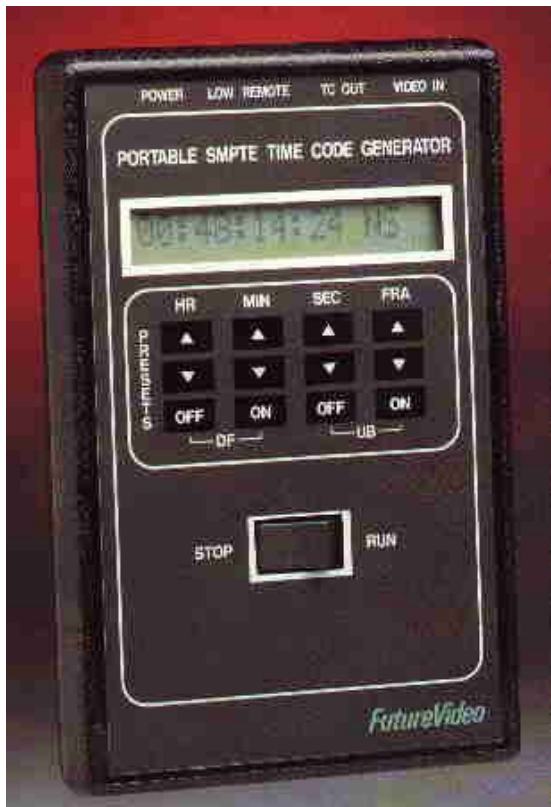*FutureVideo* ®

# TCG-2000
# SMPTE TIME CODE GENERATOR
## With Transport Logic Control



- Compatible With Many Industrial &
    Consumer Camcorders/VCRs

- Exclusive Transport Logic Control for
    Synchronizing to Camcorder Pause/Record

- Individual Switches for Timing Presets,
    Drop Frame and User Bit Modes

# TCG-2000 PORTABLE SMPTE TIME CODE GENERATOR

## REVOLUTIONARY ADVANCE IN SMPTE TIME CODE APPLICATIONS

Until now, videographers needing to "shoot" with SMPTE time code reference have been forced to use expensive high-end professional camcorders and portable VTRs. FutureVideo now make it possible for an array of affordable industrial and consumer camcorders to be used. Futurevideo's TCG-2000 with Transport Logic Control enables frame accurate longitudinal SMPTE time code (LTC) to be recorded on an unused audio channel.

## PROFESSIONAL FEATURES

The TCG-2000's LCD display can be easily read, and using the individual preset buttons time codes between 00:00:00:00 and 23:59:59:29 can be preset to any valid time. Drop-frame and non-drop frame modes may be selected. In addition, the TCG-2000 can generate user bit codes.

## EXCLUSIVE TRANSPORT LOGIC CONTROL

The TCG-2000's transport logic control makes it possible to synchronize to the camcorder or VCR's record/pause mode. The TCG-2000's time code generation will pause when the attached recorder goes into pause mode and resume when recording continues. This provides for nearly no breaks in the time code*. In addition, the Stop/Run switch on the TCG-2000 may also be used to remotely pause the recording device as well with certain models. This Master/Slave function is another unique capability of the TCG-2000.

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## IDEAL FOR FIELD AND POST-PRODUCTION

Compact and light-weight, FutureVideo's TCG-2000 Portable SMPTE Time Code Generator is designed to withstand the rigors of field use. During the shoot, the generator can be conveniently clipped to the videographer's belt for easy access. Back in the edit suite, the TCG-2000 can also be used to stripe time code during post-production. The unit is operated by an internal 9 volt battery.

## Specifications

**Time Code:** SMPTE Longitudinal (LTC)
**Display:** LCD; Hrs/Mins/Secs/Frames or user bits
**Timing Range Presets:** 00:00:00:00 to 23:59:59:29
**User Bits Range:** A-F, 1-9
**Transport Logic Control:** LANC/Control-L, Record/Pause TTL logic
**Operational Modes:** Free Run, Lock to Video, Drop Frame, Non-Drop Frame, User Bits
**Output Levels:** Mic (25mv), Line (1.2V) switchable
**Time Code Output:** Impedance 5k ohm
**Video Input Termination:** 75 ohms, switchable on/off
**Low Battery Indicator:** Blinking LED, Display B
**Power Requirements:** 9 VDC at 24ma (battery)
**Size:** 5.75" x 3.60" x 1.29" (146mm x 91mm x 33 mm)
**Weight:** 8 oz (224 grams)
**Warranty:** 1 year parts and Labor limited
**Supplied Accessories:** Control-L remote cable, camera pause remote cable, Soft Protective carrying case with belt clip

* Accuracy depends on the camcorder or VCR used. There may be some small time code gap due to variances in start/stop time of the recording device.

Specifications subject to change without notice.

TCG2000