

DCODE® GR-1



TIME CODE GENERATOR / READER

The GR-1 is a precision time code generator/reader designed for production sound recording. Low power consumption with back lighting assures users of long battery life in a small reliable package. Speed checking, memory hold and print are powerful features that will help sound mixers on the set. **High Definition compatible!**

FEATURES

READ	Reads SMPTE/EBU time code at normal operating speeds.	CHECK	Displays a comparison of the internal time code to external time code. An =, ≠, + or - sign in the jam, generate and start/stop modes show offset and drift.
DISPLAY	Time code/user bits and mode are displayed on a low power LCD display.	GU	Inserts externally read time code in to the user bits of the current time code. This is useful for music playback with live action recording.
RATE	Displays the incoming time code speed, mode and drop frame status.	GX	Generates time code locked to an external field or frame reference.
HOLD	Saves hold points in memory. Previous time code/user bit points are shown along with their memory location.	SS	Generates time code in the start/stop mode. The code is normally stopped until pin #2 of the remote connector is pulled low. The hold memory is updated with every code start point.
GEN	Generates time code at 23.976 , 24, 25, 29.97, 30 fps drop and non drop. User bits can be left free or set as date	REMOTE	Printer out, hold, start/stop and TC in/out are accessible in the 9 pin "D" connector.
CLOCK	An internal time of day clock updates the time code on every power up.	PRINT	A serial printer can be connected to make time code logs, read breaks in input code and print stored memory points.
JAM	Jam syncs to external code and can cross jam different code rates. Any break in code will jam to a new value (continuous jam).	LB	Low battery is indicated before the power is exhausted. Also displays status of the internal memory battery.

SPECIFICATIONS

INPUT:	Reads code down to -18dB with 51k input impedance.	STABILITY:	High stability TCXO crystal. +/- 1ppm -30 to +75°C
OUTPUT:	2 volts into 1k load impedance.	SIZE & WEIGHT:	5.9" x 4.25" x 1.55", 1.3 lbs.
POWER:	6 to 24V DC at 15ma (backlight off) 25ma (backlight on). 6AA internal battery supply. Battery life approximately 70 hours. 1 BR2325 3V memory backup. Battery life approximately 1 year.	PRINTER:	Serial out 1200 baud 8 bits 5 volt with DTR.

DENECKE, INC.

25030 Avenue Stanford, Suite 240 • Valencia, CA 91355 • (661)607-0206
www.denecke.com • email: info@denecke.com