

# DCODE<sup>®</sup> GR-2



## TIME CODE GENERATOR / READER

The GR-2 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.

### FEATURES

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|----------------|---|--------------|---|
| <b>DISPLAY</b> | The display is a two-line, 12 digit low power LCD module that shows timecode/user bits, mode and rate. The user can turn the backlight on or off. | <b>JAM</b>   | Jam syncs to external code and can cross jam different code rates. In JC mode, any break in code will jam to a new value.                             |
| <b>GEN</b>     | Generate timecode at 23.976, 24, 25, 29.97, 30 drop and non-drop.   | <b>GU</b>    | Inserts externally read timecode in to the user bits of the current internal time code. This is useful for music playback with live action recording. |
| <b>CLOCK</b>   | Internal clock time (24 Hr), date (Day\Month, Month\Day). The internal clock is used to set the timecode clock at turn on.                        | <b>DELTA</b> | Displays a comparison of the internal timecode to external timecode.  |
| <b>READ</b>    | Reads SMPTE/EBU timecode at normal operating speeds. Displays timecode, user bits, and frame rate.  | <b>HOLD</b>  | Ability to hold the timecode display. The timecode clock and output do not stop while in hold mode.   |

### SPECIFICATIONS

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|---|---|
| <b>TC Input:</b> 15dB @ 4.7K input impedance (LEMO)       | <b>Internal Battery:</b> CR1220 life approx 1 year                      |
| <b>TC Outputs:</b> 2V into 1K-load impedance (LEMO & BNC) | <b>TCXO Crystal:</b> Crystal: +/- 1PPM @ -30 to +75 C                   |
| <b>Battery Power:</b> 2 "AA" batteries (48+ hours)        | <b>Size &amp; Weight:</b> 3.25" X 3" X 1.75", 0.50 lbs (with batteries) |
| <b>External Power:</b> 6-18V DC (40mA backlight on)       |   |

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