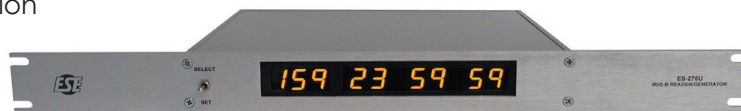


GENERATOR / READER / TRANSLATOR

The **ES-276U** is an IRIG-B Time Code Generator / Reader that encodes 9-digits of time data (0-365 Days, Hours, Minutes and Seconds) on a 1000 Hz carrier signal. The unit can also lock to an external IRIG-B input at play speed. In this mode the unit may be used as a Reader or a Translator (Regenerator).

Features

- Nine Digits of .56" Yellow LED Displays (Days Thru Seconds)
- Generates IRIG-B Or Reads and Regenerates IRIG-B
- IRIG-B Time Code Output • Easy Installation
- Simple Single Switch Setting Control
- Several "Standard" Options Available



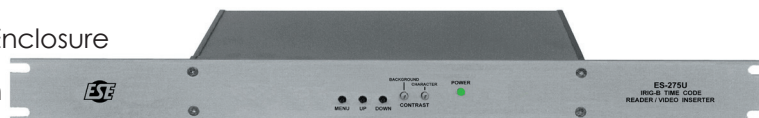
The rack mount enclosure and rear-mounted Input and Output Connectors (BNC) allow for a quick and simple installation. A single, front panel-mounted toggle switch permits easy setting of Time and Day of Year.

CHARACTER INSERTER / READER

The **ES-275U** is an IRIG-B Time Code Reader / Video Inserter. The unit decodes 9-digits of IRIG-B (0-365 Days, Hours, Minutes, Seconds and Milliseconds) and superimposes the data upon a video signal looped thru the unit.

Features

- "Selectable" Milliseconds Display • Brightness Control
- Superimposed Translucent White Video Characters
- Optional RS-232 Interface • NTSC Or PAL
- Multiple Mask Selection • Rack Mount Enclosure
- Automatic Error Detection And Correction
- Vertical And Horizontal Size & Position Controls



A display setting mode allows the user to view the time and date side by side, stacked, time blanked or date blanked. On-screen programming features include setting of date, position, size, brightness, mask selection, daylight savings time, and 12/24 hour mode selection. Optional RS-232 interface (option R) and software can be specified.

SPECIFICATIONS

	ES-276U	ES-275U
Power:	10 Watts maximum	10 Watts maximum
Electrical:	117 VAC, 50/60 Hz	117 VAC, 50/60 Hz
Enclosure:	1.75" x 19" Rack Mount, 10" Deep	1.75" x 19" Rack Mount, 10" Deep
Connectors:	2-BNC	3-BNC
Display:	9 Digits, .56" Yellow LED	9 Digits Keyed or Superimposed on Video, Adjustable Size
IRIG-B Input Impedance:	25 K Ω	25 K Ω
Input Mark Amplitude:	10 VPP maximum, 0.3 VPP minimum	10 VPP maximum, 0.3 VPP minimum
Output Mark Amplitude:	3 VPP, adjustable 0.5 to 5 VPP	N/A
Mark to Space Ratio:	3:1 Nominal	3:1 Nominal
Video In/Out:	N/A	1 VPP, 75 ohms
Timebase Accuracy:	+/- 2 Seconds per Week	N/A
Options:	Black, DC, ESE, HR, J, RS, TTL, UL, 1pps	Black, D, DC, J, L2, L4, P2, R, SV, UL, 1pps

