



## FEATURES

- Full 1 inch characters in a 1U package.
- IRIG B time code decoder.
- Front panel intensity adjustment.
- Internal clock, maintains time in absence of IRIG time code signal.
- Powered by 12 volt DC or 115VAC line with included wall pack.

## DESCRIPTION

The ITS Model 6275A Time Code Display is a compact rack mounted unit that decodes and displays the IRIG B Serial Time Code. The unit displays the time as Days, Hours, Minutes and Seconds on an LED display. Unique packaging allows for full one inch high numerals while occupying only 1.75 inches of rack height. The 6275A displays the applied time code, or in the absence of an applied signal, the internal clock. Display is nine digits, DDD:HH:MM:SS. The display intensity is user adjustable via a front panel selector switch. If there is a loss of serial time code input, the displayed colons flash at a 1Hz rate to alert the operator that the unit is operating on the internal clock.

The 6275A is housed in a rack mountable aluminum enclosure, 19 inches wide, 1.75 inches high and 1.5 inches deep (not including rear panel connectors). All circuitry is on a single SMT printed wiring assembly. Connections to the PWA are via mating connectors; no edge connectors are used.

Power and the serial time code signal are applied via two rear panel connectors.

The 6275A is powered by 12VDC or 115VAC line with included converter pack.

# Model 6275A Time Code Display

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## SPECIFICATIONS

<b>Time Code Input</b>	IRIG B serial time code IAW IRIG Standard 200-98, Input level .5 to 15 volts peak to peak with modulation ratio from 2:1 to 6:1. Input connector: BNC
<b>Display</b>	Nine character, seven segment, LED, Red. Character Height: 1.0 Inches.
<b>Intensity:</b>	Controlled by front panel mounted, eight position rotary switch. Provides for screw-driver selection of eight intensity levels.
<b>Internal Reference</b>	Temperature compensated crystal oscillator, TCXO $\pm 2 \times 10^{-4}$ (Active in absence of time code input)
<b>External Power:</b>	12 Volt DC. 115VAC Wall-Pack power supply included.
<b>Temperature:</b>	0°C to +55°C
<b>Humidity</b>	95% non-condensing
<b>Package</b>	19 inches wide by 1.75 inches high by 1.5 inches deep (not including connectors). Rack mountable aluminum enclosure.



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