ITS MODEL 6475
TIME CODE DISPLAY

1.0   GENERAL

The ITS Model 6475 Time Code Display is a two function unit that decodes the NASA 36 or IRIG B Serial Time Code and also performs a counter function. The unit displays the time or alternatively the counter state as selected. Features include:

1.   *Decodes NASA 36 or IRIG B Serial Time Code, selectable.*

2.   *Nine digit time display, 4" high LED characters.*

3   *Multimode Countdown Clock.*

4.   *Internal crystal controlled clock maintains timing in the event of a loss of serial time code input.*

5.   *Serial RS-232 control input.*

6.   *Non-volatile memory retains set-up in the event of power failure.*

7.   *Offset feature allows different time zones to be displayed from common time code input.*

When a time code signal is applied to the 6475, an internal crystal controlled clock is phase locked to that signal. Both the time display and the counter display are then precisely synchronized to the time code input using the decoded time for the time display and the one second "ticks" for the counter. If the applied time code signal is lost, the internal clock will continue as controlled by the crystal oscillator.

The 6475 is housed in an aluminum enclosure, 39.75 inches wide, 6.5 inches high and 2 inches deep and is powered by 12VDC. A 100 to 240 VAC, 50/60Hz power converter is included.