

# Monitoring T1 Circuits from DSX Monitor Jacks — 1/2 —

Because the 440B provides two identical receivers, the unit can be used to test a single T1 circuit, both directions of a circuit, or two completely different T1 circuits. Therefore, the following steps apply to both receivers.

## SET-UP

1. Verify that the DS1 Receiver Input SELECTION toggle switch (labeled SEL) is set to MONitor. Incorrect levels may create BPV + FRAME LOSS LED indication.

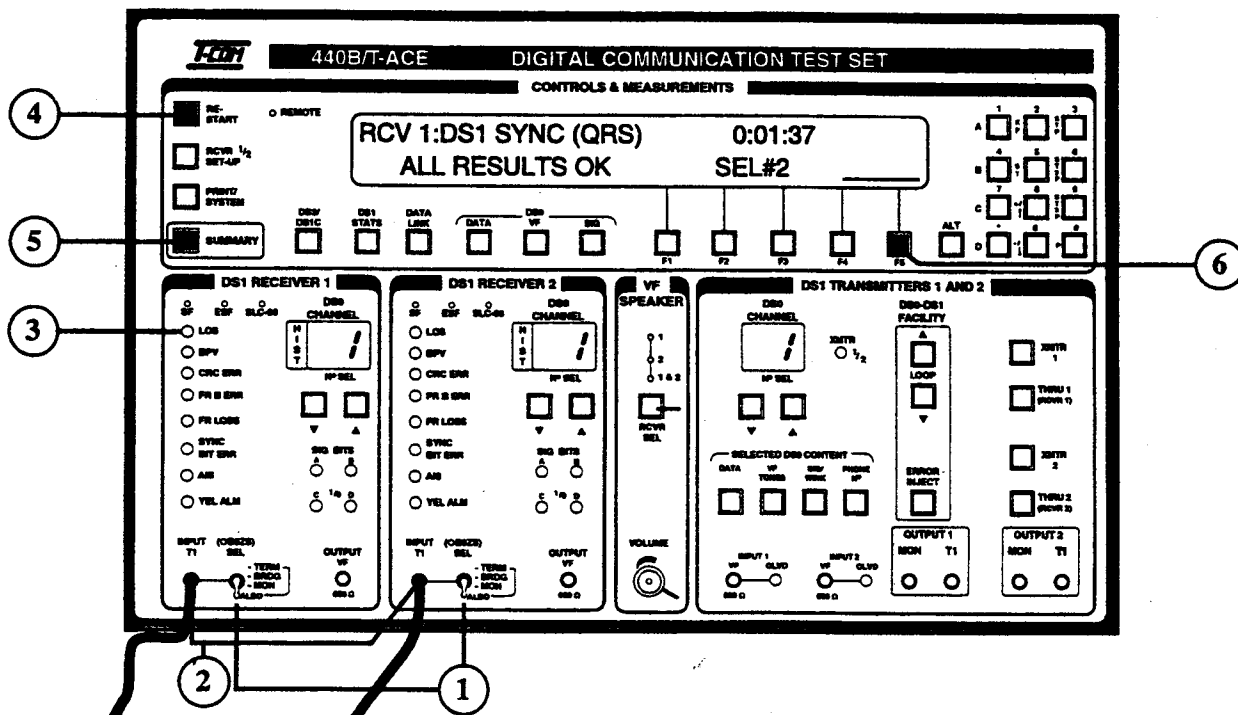
*(Note: locking toggle switches must be pulled out in order to change their positions.)*

2. Patch from the 440B receiver jack (labeled T1) to the DSX Monitor jack.
3. If LOS LED is on, then no signal is detected (or a 0/0 pattern is being sent without B8ZS).

## OPERATION

4. Press the green RESTART key to clear all counters and begin testing.
5. Press the SUMMARY key to display results/status for the two receivers (RCVR #1 or RCVR #2).
6. Use RCVR # 1/2 softkey (F5) to display the SUMMARY screen for either RCVR #1 or RCVR #2. *(See SUMMARY/HISTORY Quick Sheet to interpret SUMMARY screens.)*

*(NOTE: T-ACE counts errors for both regardless of selection.)*



**RESULTS**

7. SF/ESF/SLC-96 LEDs indicate the recognized frame type.
8. LEDs indicate errors occurring in real time.
9. A flashing channel number indicates error history for that receiver. (Holding the SUMMARY key down will light LEDs with error history.)
10. The SUMMARY screen will display the receiver status and error results for RCVR 1 or RCVR 2. (If there are no errors, ALL RESULTS OK is displayed.)
11. Errors will be displayed on the bottom line of the screen. Use the NXT softkey (F3) to scroll through other error counts.

