

T-BERD 224 Setup

T1 Monitor

The following procedure outlines how to connect the T-BERD 224 to the DSX-1 to **monitor** the T1 circuit and its DS0 channels. Please read the entire procedure **BEFORE** starting.

Part 1 – Configuring the T-BERD 224

Step	Switch	Action
------	--------	--------

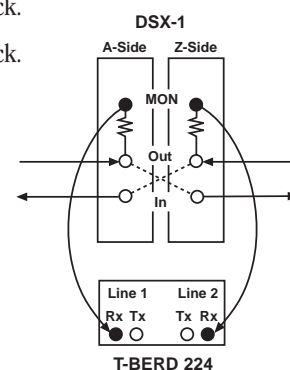
Configure the T-BERD 224 as follows **BEFORE** connecting the unit to the circuit.

1	RESULTS I	Select SUMMARY category using the blank switch.
2	RESULTS II	Select SUMMARY category using the blank switch.
3	MODE	Select AUTO . Once cabled in, the T-BERD 224 will autoconfigure to proper T1 framing mode.
4	SOURCE CONFIGURATION I	Select AUTO . This will synchronize the T-BERD 224 to any test pattern being transmitted on specified channel. If no test pattern is on the selected channel, the T-BERD 224 will display “live”. If test pattern is identified, it will be displayed in this window and PATTERN SYNC LED will be illuminated.
5	CODE	Select BSZS or AMI (see WORD document or Circuit Description).
6	TEST	Select CONTInuous .
7	PRINT EVENT	Select OFF unless printout of results is required.
8	DROP (RX)	Select BOTH .
9	INSERT (TX)	Select NONE .
10	LINE 1 & LINE 2 RX INPUTS	Select DSX-MON .

Part 2 – Connecting to the Circuit

Step	Action/Results
------	----------------

- Connect a cable from the T-BERD 224's **LINE 1 RX** jack to the DSX-1 A-Side MON jack.
- Connect a cable from the T-BERD 224's **LINE 2 RX** jack to the DSX-1 Z-Side MON jack.
- Press **RESTART** to clear alarms and begin the test. Verify that:
 - T-BERD 224's **LINE 1 & LINE 2 SIGNAL** LEDs are illuminated.
 - T-BERD 224's **LINE 1 & LINE 2 FRAME SYNC** LEDs are illuminated.
 - “FRAMING FORMAT” appears in **MODE** display.
 - SUMMARY** results read “RESULTS OK”.
- Configure unit for proper test (see specific applications for instructions).



20400 Observation Drive, Germantown, Maryland 20876-4023 USA
 USA 1-800-638-2049 • +1-301-353-1550 • FAX +1-301-353-0234
 Canada 1-888-689-2165 • +1-905-507-4117 • FAX +1-905-507-4126
 www.ttc.com

TTC Technical Support
1-800-638-2049