

SIMPLIFIED INSTRUCTIONS

AUTO OFF: Removes power after 30-45 minutes; only when battery operated. Auto off defeated when operated from external power.

TO RESET: switch "Off" then back to desired range.

FREQUENCY MEASUREMENT: 1. Insure "Read" button is out. 2. Select range and signal connection, using guide below. 3. Read frequency on LCD.

Signal	1 Meg/Probe		50 ohm/Probe		Pickup Loop 50/1 Megohm
	Direct	ISO	Direct		
Audio	•				
Digital Pulse		•	• (ECL)		
Digital Sq. Wave	•		• (ECL)		
RF Oscillators		•			•
Transmitter Outputs					•

SENSITIVITY: Leave "Sensitivity" at "Max" for most signals. Reduce if necessary to obtain stable reading on noisy signals.

GATE TIME: Use fast "Gate Time" for fast display update. Use "Slow Gate Time" for maximum resolution.

RATIO: 1. Connect to first frequency. 2. Press "Store" button until "—" moves through display. 3. Connect to second frequency. 4. Press "Read" button. Display shows ratio of frequencies: " \div " = 2nd frequency smaller than 1st, " \times " = 2nd frequency is larger than 1st. 5. Push "Store" button with "Read" button locked-in to recall 1st frequency.

CRYSTAL: 1. Set function switch to "Crystal". 2. Insert crystal into "Crystal Check" socket. 3. Display is approximate fundamental frequency. Exact crystal frequency varies with circuit.

TEMPERATURE RANGE: No warmup time is needed. Accuracy over temperature is:

2.0 ppm	1 ppm	0.5 ppm	1.0 ppm
-25°C - 10°C	0°C		40°C 50°C

SPECIAL DISPLAY FUNCTIONS:

"FC" - Battery is 75% or more of full charge.

"LO" - Battery is 25% or less of full charge (unit shuts off if voltage too low for reliable operation)

"FUSE Bad" - Internal 50 ohm input protection fuse is open. Check for excessive level before replacing fuse.
Fuse Replacement: 1. Remove case by removing 4 screws, 2 on each side. 2. Replace fuse with spare. (see diagram) 3. Replace case and screws.

