



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.

1 Meg/Probe			50 ohm/Probe	Pickup Loop
Signal	Direct	ISO	Direct	50/1 Megohm

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: " = 2nd frequency smaller than 1st, " x " = 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 warm-up time is needed. Accuracy over temperature is:

2 0 ppm

1 ppm

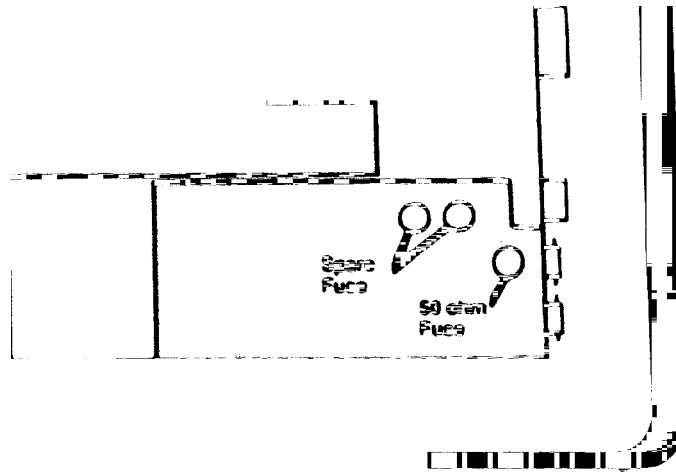
0 5 ppm

10
PpM

- 25°C - 10°C 0°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.

40`C 50°C



BATTERY

66K258

Image12.jpg