## ATS 2 Enhanced Audio Test Set

The ATS 2 is a full feature audio test set in a portable, hand-held package. The set facilitates the installation and maintenance of leased or dial-up circuits and equipment connected to the public switched networks. Designed to comply with IEEE and Bell specifications, the ATS 2 is capable of performing all basic analog transmission measurements plus Impulse Noise, Signal-to-Noise and P/AR tests. The ATS 2 can also function as a telephone handset on 2- and 4-wire circuits, with dial, hold, talk and listen capabilities.

- Menu driven
- Impulse Noise and Signal-to-Noise tests
- DTMF or pulse dialing
- MF dialing optional
- Tests to IEEE and Bell specifications


# ATS 2 <br> <br> Enhanced Audio Test Set 

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SEND MODES
QUIET TERMINATION

| Output Noise | $<-80 \mathrm{dBm}$ |
| :---: | :---: |
| SEND FREQUENCY |  |
| Range: | 50 Hz to 5 kHz |
| Resolution: | 1 Hz |
| Accuracy: | $\pm 0.03 \%$ |
| Direct Entry: | Numeric keypad |
| Stepping: | $\pm 1,10$ and 100 Hz |
| Fixed frequencies: | $1004 \mathrm{~Hz}, 2713 \mathrm{~Hz}$ and |
|  | programmable auxiliary tone |
| Slope tones: | 404 Hz, 1004 Hz, and 2804 Hz |
|  | 10 seconds per tone |
| Auto step: | Programmable start, stop, step size and step duration |
| P/AR signal: | 16 phase related frequencies |
| Distortion: | 50 Hz to $200 \mathrm{~Hz}<-45 \mathrm{~dB}$ |
|  | 200 Hz to $5 \mathrm{kHz}<-50 \mathrm{~dB}$ |
| SF skip: | 2450 Hz to 2750 Hz |
| SEND LEVEL |  |
| Range: | $\pm 10 \mathrm{dBm}$ to - 50 dBm |
|  | ( 0 dBm maximum for $\mathrm{P} / \mathrm{AR}$ ) |
| Resolution: | 0.1 dB |
| ACCURACY |  |
| 50 Hz TO 200 hz: | $\pm 0.5 \mathrm{~dB}$ |
| 200 Hz TO 5 Khz: | $\pm 0.2 \mathrm{~dB}$ |
| 1004 Hz: | $\pm 0.1 \mathrm{~dB}$ from 0 to -19 dBm |
| Direct entry: | Numeric keypad |
| Stepping: | $\pm 0.1$ and 1 dB |
| FLATNESS |  |
| 50 Hz to 200 Hz : | $\pm 0.5 \mathrm{~dB}$ |
| 200 Hz to 5 kHz : | $\pm 0.2 \mathrm{~dB}$ |
| MEASURE MODES |  |
| LEVEL/FREQUENCY |  |
| Level range: | +10 dBm to -65 dBm |
| Resolution: | 0.1 dB |
| ACCURACY |  |
| 50 Hz to 200 Hz : | $\pm 0.5 \mathrm{~dB}$ |
| 200 Hz to 5 kHz : | $\pm 0.2 \mathrm{~dB}$ |
| 1004 Hz: | $\pm 0.1 \mathrm{~dB}$ from 0 to -19 dBm |
| Detector: | Averaging |
| Display modes: | Absolute or relative with respect to input level |
| Frequency range: | 20 Hz to 10 kHz |
| Resolution: | 1 Hz |
| Accuracy: | $\pm 1 \mathrm{~Hz}$ |



Electrodata, Inc.

