

## Studio Test Equipment and Instrument Inventory

| Manufacturer  | Model:  | Description                     | Options | Serial Number | Manual | Notes                                 |
|---|---------|---------------------------------|---------|---------------|--------|---------------------------------------|
| <b>Audio Signal Sources (Primary Function)</b>              |         |                                 |         |               |        |                                       |
| Sound Technology  | 1710A   | Audio Source and Analyzer       | 3,4,5,7 | 110-07701     | Yes    | Same Instrument as listed below       |
| Hewlett Packard   | 339A    | Distortion Measurement Set      |         | 2025A04906    | Yes    | Same Instrument as listed below       |
| Hewlett Packard   | 200AB   | Audio Oscillator                |         | 310-17514     | Yes    | Increased Output, for Spekaer Testing |
| Hewlett Packard   | 204D    | Audio Oscillator                |         | 1105AD3778    | Yes    |                                       |
| Communications Company                                      | BONG-2  | Burst Octave Noise Generator    |         | PROTO         | Yes    |                                       |
| Ivie  | IE-20A  | Pink Noise Generator            |         | 705A400       | Yes    | Portable                              |
| General Radio   | 1382    | Random Noise Generator          |         | 742           | Yes    |                                       |
| IEC   | F34     | Function Generator              |         | 1580          | Yes    | <= 3MHz; and Log Sweep Option         |
| <b>Audio Signal Meters and Analyzers (Primary Function)</b> |         |                                 |         |               |        |                                       |
| Sound Technology  | 1710A   | Audio Source and Analyzer       | 3,4,5,7 | 110-07701     | Yes    | Same instrument as listed above       |
| Hewlett Packard   | 339A    | Distortion Measurement Set      |         | 2025A04906    | Yes    | Same Instrument as listed above       |
| Hewlett Packard   | 3581A   | Wave Analyzer                   | 001     | 1351A02824    | Yes    | 15 Hz to 50 kHz                       |
| Daven   | OP-962  | 100 Watt Output Power Meter     |         | None          | Yes    |                                       |
| Daven   | OP-962  | 100 Watt Output Power Meter     |         | None          | Yes    | May be used as DC Dummy Load          |
| General Radio   | 1840-A  | 20 Watt Output Power Meter      |         | 8013          | Yes    |                                       |
| General Radio   | 1840-A  | 20 Watt Output Power Meter      |         | 8550          | Yes    |                                       |
| Sencore   | PA-81   | Stereo Power Amplifier Analyzer |         | 6053786M      | Yes    | Dual, 250 Watt Dummy Loads            |
| Home Brew   |         | 1000 Watt 8-Ohm Dummy Load      |         | None          |        | Intermittent Duty Cycle               |
| Hewlett Packard   | 400FL   | AC Voltmeter                    |         | 734-02312     | Yes    | Logrithmic Responding Meter, Nice     |
| Ivie  | IE-10A  | Audio Spectrum Analyzer         |         | 723-A160      | Yes    | Portable/ With Microphone             |
| Communications Company                                      | RT60B   | Reverberation Timer             |         | PROTO         | Yes    | Portable/ With Microphone             |
| Home Brew   |         | Negative Resistor               |         | None          | Yes    | Audio-RF Resonance Determination      |
| <b>Audio Attenuators and Transformers</b>                   |         |                                 |         |               |        |                                       |
| Hewlett Packard   | 11005A  | Bridging Transformer            |         | None          | Yes    | 600 & 10K Ohms                        |
| Hewlett Packard   | 11005A  | Bridging Transformer            |         | None          | Yes    | 600 & 10K Ohms                        |
| Hewlett Packard   | 11005A  | Bridging Transformer            |         | None          | Yes    | 600 & 10K Ohms                        |
| Western Electric  | 111C    | Repeat Coil                     |         | None          | Yes    | 600 Ohms and various taps             |
| Western Electric  | 111C    | Repeat Coil                     |         | None          | Yes    | 600 Ohms and various taps             |
| North Hills   | 0005 CC | Wideband Isolation Transformer  |         | None          | Yes    | 50 Ohms; 1kHz to 20 MHz               |
| Hewlett Packard   | 350D    | Attenuator Set                  |         | None          | Yes    | 1 dB Steps                            |
| General Radio   | 1450-TB | Decade Attenuator               |         | 3006          | Yes    | 0.1 dB Steps                          |

## Studio Test Equipment and Instrument Inventory

| Manufacturer                             | Model:    | Description                     | Options  | Serial Number | Manual | Notes                              |
|--|-----------|---------------------------------|----------|---------------|--------|------------------------------------|
| <b>Radio Frequency Sources</b>           |           |                                 |          |               |        |                                    |
| Hewlett Packard                          | 8648A     | Signal Generator, Audio& RF     | 1E5; 1EP | 3636A02390    | Yes    | 10Hz-20kHz; 100kHz-1000MHz         |
| Harvey-Wells                             | URM-25D   | Signal Generator                |          | 14878C8VQ     | Yes    | 10kHz-50MHz; 400 & 1000 Hz Mod.    |
| Sound Technology                         | 1000A     | FM Alignment Generator          |          | 124-10019     | Yes    | 400Hz & 1000Hz Internal Modulation |
| Sencore                                  | SG-80     | AM & FM Stereo Analyzer         |          | 6076905M      | Yes    | Synthesized; With 10 MHz TCXO      |
| Heathkit                                 | IG-57A    | TV Post Marker Generator        |          | None          | Yes    | With external 75 Ohm Attenuator    |
| General Radio                            | 1340      | Pulse Generator                 |          | 2420          | Yes    | DC-20MHz                           |
| Motion Software                          | MS-1003A  | Rubidium Frequency Standard     |          | A012817       | Yes    | 10Mhz Output, +/- .005 Hz Accuracy |
| <b>Radio Frequency Measurement Tools</b> |           |                                 |          |               |        |                                    |
| Millen                                   | 90662     | Grid Dip Meter & Accessories    |          | 5162          | Yes    | Case; Accessories; 160kHz-300MHz   |
| Measurements Corporation                 | 59        | Grid Dip Meter High Frequencies |          | 1888          | Yes    | 2.2-400MHz; Meter; Head; Coils     |
| Measurements Corporation                 | 59UHF     | Grid Dip Meter UHF HEAD         |          | 7778          | Yes    | 420-940MHz                         |
| Boonton                                  | 101B      | UHF Grid Dip Meter              |          | 450           | Yes    | .42-1GHz; Meter; Head; Coils       |
| Hewlett Packard                          | 11096A    | RF Probe                        |          | None          | Yes    | <= 50mHZ                           |
| RCA                                      | Chanalyst | Radio Analyzer                  |          | None          | Yes    | With Probes                        |
| Hewlett Packard                          | 355A      | 50 Ohm VHF Attenuator           |          | None          | Yes    | 1dB Steps; DC-50MHz                |
| Tec-Ten                                  | 239       | 50 Ohm Dummy Load               |          | None          | No     | 300 Watts, 30 Seconds              |
| <b>Counters, Timers, Clocks</b>          |           |                                 |          |               |        |                                    |
| Hewlett Packard                          | 5327B     | Timer-Counter DVM               |          | 1248A00476    | Yes    | Installed 10MHz TCXO; 550MHz       |
| Hewlett Packard                          | 5382A     | Frequency Counter               | Option 1 | 2004A05997    | Yes    | Factory TCXO; 225MHz               |
| PR&E                                     | PT-1      | Production Timer                |          | PROTO         | Yes    |                                    |
| PR&E                                     | DT-2      | Digital Timer                   |          | PROTO         | Yes    |                                    |
| PR&E                                     |           | Circular Clock                  |          | PROTO         | Yes    |                                    |
| <b>LCR Meters (Primary Function)</b>     |           |                                 |          |               |        |                                    |
| Sencore                                  | LC-101A   | Capacitor-Inductor Analyzer     |          | 605662M       | Yes    | With various Probes                |
| Sencore                                  | SCR 250   | SCR and Triac Test Accessory    |          | 6076188M      | Yes    | With various Probes                |
| BK Precision                             | 875A      | LCR Meter                       |          | 16014220      | Yes    | With SMD Tweezers                  |
| Tonghui                                  | TH2821A   | Portable LCR Meter              |          | QA-96-2313    | Yes    | In case with various Probes        |



## Studio Test Equipment and Instrument Inventory

| Manufacturer                       | Model:        | Description                     | Options | Serial Number | Manual | Notes                             |
|------------------------------------|---------------|---------------------------------|---------|---------------|--------|-----------------------------------|
| <b>Portable Meters and Probes</b>  |               |                                 |         |               |        |                                   |
| Simpson                            | 269, Series 3 | Ultra High Sensitivity VOM      |         | None          | Yes    | Taut-Band Meter Movement          |
| Fluke                              | 187           | True RMS Multimeter             |         | None          | Yes    |                                   |
| Fluke                              | 80AK          | Type K Thermocouple Adapter     |         | None          | Yes    | For use with Fluke 187            |
| Fluke                              | 77/AN         | Multimeter                      |         | None          | Yes    |                                   |
| Beckman Instruments                | DM27XT        | Multimeter                      |         | 30310099      | Yes    | Also measures LCR                 |
| Fluke                              | 80T-150U      | Temperature Probe               |         | None          | Yes    |                                   |
| Fluke                              | 65            | Infrared Thermometer            |         | None          | Yes    |                                   |
| Fluke                              | 80K-40        | High Voltage Probe              |         | None          | Yes    |                                   |
| PDI                                | CA60          | AC/DC Current Clamp             |         | 705096        | Yes    |                                   |
| Weston                             | SA-3 ???      | AC Current Clamp                |         | 183977        | No     | 500 Amps                          |
| JRC Electronics                    | MINI-500      | MegOhm Meter                    |         | FH1-OSC-1208  | Yes    |                                   |
| Home Brew                          |               | AC line Voltage Monitor         |         | None          | No     | Schematic on the back of the unit |
| <b>Power Supplies</b>              |               |                                 |         |               |        |                                   |
| Sencore                            | Powerite II   | AC Power Supply Analyzer        |         | 6121649M      | Yes    | With Leakage Probe                |
| Sencore                            | Powerite II   | AC Power Supply Analyzer        |         | 6138940M      | Yes    | With Leakage Probe                |
| Home Brew                          |               | Isolated AC Power Supply        |         | None          | Yes    | With Lamp Current Limiting        |
| Interpower                         | 85510060      | International AC Power Supply   |         | 10052         | Yes    | Manufacturing Documentation       |
| Sorenson                           | QRD 30-1      | DC Power Supply                 |         | 2909          | Yes    | 0-30 Volts, 0-1 Amp               |
| Sorenson                           | QRD 30-1      | DC Power Supply                 |         | 2918          | Yes    | 0-30 Volts, 0-1 Amp               |
| Hewlett Packard                    | 6220B         | DC Power Supply                 |         | 7A0606        | Yes    | 0-25, 0-50 Volts; 0-1, 0-5 Amps   |
| Power Designs                      | 36100R        | DC Power Supply                 |         | 711055        | Yes    | 0-36 Volts, 0-10 Amps             |
| Heathkit                           | IP-17         | HV DC Power Supply              |         | None          | Yes    | 0-400 Volts, 100 Milliamps        |
| Heath/Schumberger                  | SP-17A        | HV DC Power Supply              |         | 33504         | Yes    | 0-400 Volts, 100 Milliamp         |
| <b>Tube and Transistor Testers</b> |               |                                 |         |               |        |                                   |
| Triplett                           | 3940-A        | Transistor Analyzer             |         | 3133          | Yes    |                                   |
| Triplett                           | 3444A         | Tube Analyzer                   |         | None          | Yes    | P/S Modified                      |
| Hickok                             | 539B          | Tube Tester                     |         | 18211562      | Yes    |                                   |
| Hickok                             | CA-5          | Adapter                         |         | 409-00597     | Yes    |                                   |
| Hickok                             | 539C          | Tube Tester                     |         | 396-00733     | Yes    |                                   |
| Triplett                           | I-177B        | Tube Tester                     |         | 6326          | Yes    |                                   |
| Daven                              | I-177B        | Tube Tester                     |         | 6927          | Yes    |                                   |
| Munston                            | MX-949 A/U    | Tube Socket Adapter, for I-177B |         | None          | Yes    |                                   |
| Vector                             | MX-1258/U     | Tube Socket Adapter Kit         |         | None          | No     |                                   |

## Studio Test Equipment and Instrument Inventory

| Manufacturer  | Model:    | Description            | Options | Serial Number | Manual | Notes                            |
|---|-----------|------------------------|---------|---------------|--------|----------------------------------|
| <b>Music, and Voice, Audio Sources and Monitoring</b> |           |                        |         |               |        |                                  |
| Marantz   | 120B      | AM/FM Stereo Tuner     |         | 1289          | Yes    |                                  |
| Sony  | ICF-SW55  | All Band Radio         |         | 106386        | Yes    |                                  |
| Pioneer   | SA-9900   | Power Amplifier        |         | UL3800598M    | Yes    |                                  |
| Pioneer   | PL-61     | Turntable              |         | TI 13172      | Yes    |                                  |
| JBL   | 4311      | Monitor Speaker        |         | 12279         |        |                                  |
| JBL   | 4311      | Monitor Speaker        |         | 12281         |        |                                  |
| Heathkit  | T-2       | Signal Tracer & Probes |         | None          | Yes    | Tapped Output Transformer        |
| Heathkit  | T-4       | Signal Tracer & Probes |         | None          | Yes    |                                  |
| RCA   | 44-A      | Ribbon Microphone      |         | B-5890        | Yes    |                                  |
| <b>Computers and Calculators</b>                      |           |                        |         |               |        |                                  |
| ViewSonic   | VA700     | Video Monitor          |         | A0M03100963   | N/A    |                                  |
| Brother   | 7820N     | All-In-One-Copier      |         | See Notes     | Yes    | U61281M6J432446                  |
| SystemeMAX  | SYX-P4M80 | Computer WIN XP        |         | 106092939     | Yes    |                                  |
| Linksys   | EZXS555W  | EtherNer Hub           |         | None          | No     |                                  |
| Hewlett Packard                                       | 48GX      | Programable Calculator |         | 1D83500744    | Yes    |                                  |
| Compaq/iPAQ   | 3630      | PDA                    |         | See Notes     | Yes    | 4GOCDW3690BW                     |
| <b>Miscellaneous</b>                                  |           |                        |         |               |        |                                  |
| Transcell Technology                                  | MCS-10    | Counting Scale         |         | _563064000164 | Yes    | With a Computer Interface        |
| Celestron   | 4040      | Binocular Microscope   |         | None          | No     |                                  |
| Kodak   | DC290     | Digital Camera         |         | EKT00701146   | Yes    |                                  |
| Kron-Hite   | 3202      | Frequency Filter       |         | 734           | Yes    | Two-Section Hi&Lo Pass Filters   |
| Hewlett Packard                                       | 465A      | Amplifier              |         | 530-01931     | Yes    | 5Hz-1MHz; 20 or 40 dB Fixed Gain |
| <b>Communications Company Test Fixtures</b>           |           |                        |         |               |        |                                  |
| IC-28   |           | Test Fixture           |         | None          | Yes    |                                  |
| IC-29   |           | Test Fixture           |         | None          | Yes    |                                  |
| RAD-30A   |           | Test Fixtures          |         | None          | Yes    | Panel, and Logic Boards          |
| <b>Many other , Cables, Connectors, and Adapters</b>  |           |                        |         |               |        |                                  |