## **HL-550FX PARTS LIST**

Major board units of HL-550FX consist of ones listed below. (Refer to the Parts List Heading for the detailed parts used in each unit.)

|                    |                       |   |  | Designer : | T. Mizoroki        |
|--------------------|-----------------------|---|--|------------|--------------------|
| ODEL HL-550FX      |                       |   |  |            |                    |
| Name of Board Unit | Schematic Drawing No. | Parts List Heading  |  |            | Remarks            |
| PA Unit            | 1419D02               | PA Unit 1/PA Unit 2   |  |            |                    |
| LPF Unit           | 1419D03               | LPF Unit  |  |            |                    |
| Control Unit       | 1419D01               | Control Unit 1/Control Unit 2/<br>Control Unit 3/ Control Unit4   |  |            |                    |
| Detector Unit      | 1419D04               | Detector Unit   |  |            |                    |
| F-DET Unit         | 1419D05               | F-DET Unit  |  |            | Frequency Detector |
| Sub Power Unit     | 1419D07               | Sub Power Unit  |  |            | AC Sub Power       |
| Overall Diagram    | 1419D06               | *Parts not included in the main units. General1/ General2 / Metal Hardware/ Coil Processings/ Accessories |  |            | Block Diagram      |
|                    |                       |   |  |            |                    |

PARTS LIST Accessories

|                         |                               |                           | Schematic Drawing No. |          |                |         | 1 / 1   |
|-------------------------|-------------------------------|---------------------------|-----------------------|----------|----------------|---------|---------|
| MODEL HL-550FX          |                               |                           | 1419D06               |          |                |         |         |
| Reference/Symbol        | Type/Model                    | Part                      | Description           | Quantity | Manufacturer   | Vendor  | Remarks |
| Package                 |                               | Plastic Bag L size        | for HL-550FX          | 1        |                |         |         |
| Package                 |                               | Plastic Bag M size        | for Accessories       | 1        |                |         |         |
| Package                 |                               | Carton Box                |                       | 1        | Daiichi Sangyo |         |         |
| Accessory Fuse          | 125V/15A                      | for AC100V Line           |                       | 4        |                | Tamaohm |         |
| Accessory Fuse          | 250V/8A                       | for AC200V Line           |                       | 2        |                | Tamaohm |         |
| Accessory Fuse          | LM20                          | Control Board             | 2A                    | 2        | Daitoh         |         |         |
| Accessory Fuse          | LM10                          | PA Board                  | 1A                    | 1        | Daitoh         |         |         |
| Accessory Fuse          | LM62                          | Sub SW Power<br>Supply    | 3.2A                  | 1        | Daitoh         |         |         |
| Accessory Plug          | RCA-P                         |                           | Black                 | 1        |                | Tamaohm |         |
| Accessory Plug          | RCA-P                         |                           | Red                   | 1        |                | Tamaohm |         |
| Accessory Coaxial Cable | M-M/RG58U/0.7M                | Jumper Cable              |                       | 1        | Aimmet         |         |         |
| Users Manual            | for HL-550FX                  | A4 size                   |                       | 1        | THP            |         |         |
| Waranty Card            | Warranty Card                 |                           |                       | 1        |                |         |         |
| Accessory AC Cable      | KP-218/KS16FCV43x2SQ<br>Black | Power Cord with grounding |                       | 1        | Kawasaki       |         |         |
|                         |                               |                           |                       |          |                |         |         |

Coil Proccessings

|                  |                      |                       | Schematic Drawing No. |          |  |                 |               | 1 / 1          |
|------------------|----------------------|-----------------------|-----------------------|----------|--|-----------------|---------------|----------------|
| MODEL HL-550FX   |                      |                       | 1419D06               |          |  |                 |               |                |
| Reference/Symbol | Type/Model           | Part                  | Description           | Quantity |  | Manufacturer    | Vendor        | Remarks        |
| T203             | PC1394-2             | Printed Circuit Board |                       | 2        |  | Orion           |               | PA Board       |
| T201             | PC1396               | Printed Circuit Board |                       | 1        |  | Orion           |               | PA Board       |
| T201             | PC1397               | Printed Circuit Board |                       | 1        |  | Orion           |               | PA Board       |
| T203             | 7 × T0.3 × L47/BS    | Brass Pipe            |                       | 2        |  | Kurosu          |               | LPF Board      |
| T201             | 5 × T0.3 × L18.5/BS  | Brass Pipe            |                       | 2        |  | Kurosu          |               | LPF Board      |
| L301,302,311,312 | T106-2               | Toroidal-Core         |                       | 4        |  |                 | Tsuchiyadenki | LPF Board      |
| L321,322,331,332 | T106-6               | Toroidal-Core         |                       | 4        |  |                 | Tsuchiyadenki | LPF Board      |
| T201,202         | RiB10 x 20 x 15 D12A | Ferrite Core          |                       | 2        |  | Tomita Electric |               | LPF Board      |
| T203             | RiB21 x 42 x 40 D12A | Ferrite Core          |                       | 1        |  | Tomita Electric |               | LPF Board      |
| T501,502         | FT50-61              | Ferrite Core          |                       | 2        |  |                 | Tsuchiyadenki | RF-DET Board   |
| L300             | T25-12               | Toroidal-Core         |                       | 1        |  |                 | Tsuchiyadenki | 50MEQ=PA Board |
|                  | 1.6m/m PEW           | PEW                   |                       |          |  | Azuma Denzai    |               |                |
|                  | 1.4m/m PEW           | PEW                   |                       |          |  | Azuma Denzai    |               |                |
|                  | 0.8m/m PEW           | PEW                   |                       |          |  | Azuma Denzai    |               |                |
|                  | 0.4(0.3)m/m PEW      | PEW                   |                       |          |  | Azuma Denzai    |               |                |
| T201,202         | AWG20 Teflon/White   | Teflon Wire           |                       |          |  | Azuma Denzai    |               |                |
| T203             | AWG16 Teflon/Red     | Teflon Wire           |                       |          |  | Azuma Denzai    |               |                |
|                  |                      |                       |                       |          |  |                 |               |                |

Metal Hardware

|                  |            |                               | Schematic Drawing No. |          |              |        | 1 / 2   |
|------------------|------------|-------------------------------|-----------------------|----------|--------------|--------|---------|
| MODEL HL-550FX   |            |                               | 1419D06               |          |              |        |         |
| Reference/Symbol | Type/Model | Part                          | Description           | Quantity | Manufacturer | Vendor | Remarks |
| 1419M03          |            | Front Panel                   | t = 2.0mm             | 1        | Kurosu-Works |        |         |
| 1390M02B         |            | Front Sub-Panel               | t = 2.0mm             | 1        | Kurosu-Works |        |         |
| 1390M03C         |            | Chassis                       | t = 2.0mm             | 1        | Kurosu-Works |        |         |
| 1390M04C         |            | Rear Panel                    | t = 2.0mm             | 1        | Kurosu-Works |        |         |
| 1390M05E         |            | Top Cover                     | t = 2.0mm             | 1        | Kurosu-Works |        |         |
| 1419M02          |            | LPF/SubAC<br>Attachment Panel | t = 1.5mm             | 1        | Kurosu-Works |        |         |
| 1390M07A         |            | Meter Panel                   | t = 1.0mm             | 1        | Kurosu-Works |        |         |
| 1390M08B         |            | H/S Attachment<br>Panel       | t = 2.0mm             | 1        | Kurosu-Works |        |         |
| 1390M09B         |            | F/R Reinforcement<br>Panel    | t = 2.0mm             | 1        | Kurosu-Works |        |         |
| 1390M11          |            | Handle<br>Reinforcement       | t = 1.6mm             | 1        | Kurosu-Works |        |         |
| 1390M12B         |            | H/S Hood                      | t = 2.0mm             | 1        | Kurosu-Works |        |         |
| 1390M13B         |            | Frame                         | t = 1.6mm             | 1        | Kurosu-Works |        |         |
| 1390M14          |            | Meter Board                   | t = 1.0mm             | 1        | Kurosu-Works |        |         |
| 1390M15B         |            | DET Shield Box                | t = 1.5mm             | 1        | Kurosu-Works |        |         |
| 1419M01          |            | Sub SW Power<br>Supply Cover  | t = 0.5mm             | 1        | Kurosu-Works |        |         |
| 1390M31          |            | Duct Cover                    |                       | 1        | Kurosu-Works |        |         |
| 1419M04          |            | PA Copper<br>Heatsink         | t = 5.0mm             | 1        | Kurosu-Works |        |         |
| 1419M05          |            | ATT Copper<br>Heatsink        | t = 5.0mm             | 1        | Kurosu-Works |        |         |
| 1419M32          |            | Acryl Panel                   | t = 4.0mm             | 1        | Akiyama      |        |         |

PARTS LIST Metal Hardware

|                  |            |             | Schematic Drawing No. |          |              |        | 2 / 2       |
|------------------|------------|-------------|-----------------------|----------|--------------|--------|-------------|
| MODEL HL-550FX   |            |             | 1419D06               |          |              |        |             |
| Reference/Symbol | Type/Model | Part        | Description           | Quantity | Manufacturer | Vendor | Remarks     |
| 1419M06          |            | Heatsink    | 33F259L120            | 1        | LSI Cooler   |        |             |
|                  |            | Name Plate  |                       | 1        | Arrow        |        |             |
|                  |            | Acryl Panel | Printing              | 1        | Akiyama      |        | Silk-screen |
|                  |            | Rear Panel  | Printing              | 1        | Arrow        |        | Silk-screen |
|                  |            | Front Panel | Printing              | 1        | Arrow        |        | Silk-screen |

Sub Power Unit

|                  |              |                   | Schematic Drawing No. |          |  |              |  | 1 / 1   |
|------------------|--------------|-------------------|-----------------------|----------|--|--------------|--|---------|
| MODEL HL-550FX   | <del>,</del> |                   | 1419D07               |          |  |              |  |         |
| Reference/Symbol | Type/Model   | Part              | Description           | Quantity |  | Manufacturer | Vendor   | Remarks |
|                  | PC1819       | PC Board          |                       | 1        |  | Orion        |  |         |
| J302             | B3B-EH       | EH Connector      |                       | 1        |  | Nichi-Atsu   |  |         |
| J301             | B4B-EH       | EH Connector      |                       | 1        |  | Nichi-Atsu   |  |         |
| F301             | LM1H         | Fuse Holder       |                       | 1        |  | Daitoh       |  |         |
| F301             | LM62         | 3.2A Fuse         |                       | 1        |  | Daitoh       |  |         |
| L801             | ELF11M080E   | 0.8A.0.8mH.AC250V |                       | 1        |  | Panasonic    |  |         |
|                  |              |                   |                       |          |  |              | Refer to General forKWD15-1212 Power Supply etc. |         |
|                  |              |                   |                       |          |  |              |  |         |

F-DET Unit

|                   |                |                           | Schematic Drawing No. |          |  |              |                | 1 / 2   |
|-------------------|----------------|---------------------------|-----------------------|----------|--|--------------|----------------|---------|
| MODEL HL-550FX    |                |                           | 1419D05               |          |  |              |                |         |
| Reference/Symbol  | Type/Model     | Part                      | Description           | Quantity |  | Manufacturer | Vendor         | Remarks |
|                   | PCS1733        | PC board                  |                       | 1        |  | Sanko        |                |         |
| R1,R9             | RD25TJ0R0      | Carbon Resistor           | 0 1/4W                | 1        |  | Soliste      |                |         |
| R4                | RD25S102       | Carbon Resistor           | 1K 1/4W               | 1        |  | Soliste      |                |         |
| R5,R7             | RD25S223       | Carbon Resistor           | 220K 1/4W             | 2        |  | Soliste      |                |         |
| R 8.              | RD25S222       | Carbon Resistor           | 2.2K 1/4W             | 1        |  | Soliste      |                |         |
| R 12              | RD50S330       | Carbon Resistor           | 33 1/2W               | 1        |  | Soliste      |                |         |
| R13               | RD25S100       | Carbon Resistor           | 10 1/4W               | 1        |  | Soliste      |                |         |
| R15               | RD25S472       | Carbon Resistor           | 4.7K 1/4W             | 1        |  | Soliste      |                |         |
| R11               | RD25S102       | Carbon Resistor           | 10K 1/4W              | 1        |  | Soliste      |                |         |
| C12,C13           | ECA1EM100      | Electrolytic<br>Capacitor | 25V 10 μ F            | 2        |  | Panasonic    |                |         |
| C14               | RPE132R104     | Multi Layer<br>Ceramic    | 0.1 μ F               | 1        |  | Murata       |                |         |
| C3,4,5,6,7,8,9,20 | RPE131R103K50  | Multi Layer<br>Ceramic    | 0.01 μ F              | 8        |  | Murata       |                |         |
| C1                | CC45SL1H100JYA | Ceramic<br>Capacitor      | 50V 91pF              | 1        |  | TDK          |                |         |
| C11               | CC45SL1H200JYA | Ceramic<br>Capacitor      | 50V 20pF              | 1        |  | TDK          |                |         |
| TC1               | CV05D2001      | Trimmer<br>Capacitor      | 20pF (blue)           | 1        |  | Swallow      |                |         |
| X1                | HC49US         | Crystal for CPU<br>Clock  | <b>20M</b> H z        | 1        |  |              | Akizuki-Denshi |         |
| D3,D5             | 1SS286         | Diode                     |                       | 2        |  | Hitachi      |                |         |
| D4                | 1S2076A        | Diode                     |                       | 1        |  | Hitachi      |                |         |
| Q1,Q2             | 2SC1815        | Transistor                |                       | 2        |  | Toshiba      |                |         |
| IC1               | TD7101F        | IC                        |                       | 1        |  | Toshiba      |                |         |

PARTS LIST F-DET Unit \_\_\_\_\_

|                  |             |                   | Schematic Drawing No. |          |  |              |          | 2 / 2   |
|------------------|-------------|-------------------|-----------------------|----------|--|--------------|----------|---------|
| MODEL HL-550FX   |             |                   | 1419D05               |          |  |              |          |         |
| Reference/Symbol | Type/Model  | Part              | Description           | Quantity |  | Manufacturer | Vendor   | Remarks |
| IC2              | PIC12F683   | IC                |                       | 1        |  | PIC          |          |         |
| IC3              | 78L05       | IC                | 5V100mA               | 1        |  | NJRC         |          |         |
| J1,J2            | TMP-J01X-V6 | Coaxial Connector |                       | 2        |  | Taikoh       |          |         |
| J3,J5            | B2B-EH      | EH Connector      |                       | 2        |  | Nichi-Atsu   |          |         |
| J4               | B3B-EH      | EH Connector      |                       | 1        |  | Nichi-Atsu   |          |         |
| IC2 Socket       | IC Socket   |                   | 8 pin                 | 1        |  |              |          |         |
| RL1              | AG2013-44   | Relay             | DS1E-12V              | 1        |  | Panasonic    |          |         |
| Crystal Damper   | *****       | Crystal Damper    | Damper T05            | 1        |  |              | Sun-life |         |
|                  |             |                   |                       |          |  |              |          |         |

Detector Unit

|                    |                    |                           | Schematic Drawing No. |          |           |       |            | 1 / 1         |
|--------------------|--------------------|---------------------------|-----------------------|----------|-----------|-------|------------|---------------|
| MODEL HL-550FX     |                    |                           | 1419D04               |          |           |       |            |               |
| Reference/Symbol   | Type/Model         | Part                      | Description           | Quantity | Manufactu | rer ' | Vendor     | Remarks       |
|                    | PC1821             | PC Board                  |                       | 1        | Orion     |       |            |               |
| D501 ~ 503         | 1N5711             | Diode                     |                       | 3        | ST Micro  |       |            | Schottky, 70V |
| C501,504,509       | RPE131R103K50      | Multi Layer<br>Ceramic    | 50V 0.01 μ F          | 3        | Murata    |       |            |               |
| C503,507,510       | HM60SJCH150J       | Multi Layer<br>Ceramic    | 500V 15pF             | 3        | Taiyo Yud | en    |            |               |
| C502,505,512       | UC342H2500J-T      | Chip Mica<br>Capacitor    | 500V/250pF/a2         | 4        | Soshin    |       |            |               |
| C602 ~ 605         | GRM43R2C2A472JD01L | Chip Mica<br>Capacitor    |                       | 4        | Murata    |       |            |               |
| RFC501 ~ 503       | LHL06N471K         | Inductor                  | 470 µ F               | 3        | Taiyo Yud | en    |            |               |
| TC501 ~ 503        | ECV1ZW06X53T       | Trimmer Condensor         | 2 ~ 8pF               | 3        | Panasonio | ;     |            |               |
| C511               | DN1C3R3MIS         | Tantalum Capacitor        | 3.3 µ F 16V           | 1        | NEC       |       |            |               |
| R510,511,512       | MF1/8CCF 820       | Metal Film Resistor       | 820 1/8W              | 3        | Denon     |       |            |               |
| R502,503,600,602   | MF1/2CCF 22        | Metal Film Resistor       | 1/2W 22               | 4        | Denon     |       |            |               |
| Jumper Resistor    | RD25S000           | 0 Resistor                |                       | 2        | Denon     |       |            |               |
| RL501,502          |                    | Relay                     | AW3033                | 2        | Omron     |       |            |               |
|                    |                    | Relay Socket              | AW3820                | 2        | Omron     |       |            |               |
| J503               | B7B-EH             | EH Connector              |                       | 1        | Nichiatsu |       |            |               |
| J502,601           | TMP-J101X-V6       | mini Coaxial<br>Connector |                       | 2        | Taico-Dei | nki   |            |               |
| Irrax Tube (clear) | VZ-0.55xL5         |                           | 0.5 x 5mm             | 2        |           | 10mm  | n per unit |               |
|                    |                    |                           |                       |          |           |       |            |               |

|                       |                |              | Schematic Drawing No. |          |  |              |        | 1 / 1   |
|-----------------------|----------------|--------------|-----------------------|----------|--|--------------|--------|---------|
| MODEL HL-550FX        |                | <del>-</del> | 1419D01               |          |  |              |        |         |
| Reference/Symbol      | Type/Model     | Part         | Description           | Quantity |  | Manufacturer | Vendor | Remarks |
|                       | ICC05-020-360t | IC Socket    | 20P DIP               | 1        |  | KEL          |        |         |
| J107,108,000          | B4B-EH         | EH Connector |                       | 3        |  | Nichiatsu    |        |         |
| J 103,105,106         | B7B-EH         | EH Connector |                       | 3        |  | Nichiatsu    |        |         |
| J109,200              | B3B-EH         | EH Connector |                       | 2        |  | Nichiatsu    |        |         |
| J101                  | B8B-EH         | EH Connector |                       | 1        |  | Nichiatsu    |        |         |
| J 110,112,113,114,120 | B2B-EH         | EH Connector |                       | 5        |  | Nichiatsu    |        |         |
| J104                  | B6B-EH         | EH Connector |                       | 1        |  | Nichiatsu    |        |         |
|                       |                |              |                       |          |  |              |        |         |

|  |                |                                     | Schematic Drawing No. |          |   |   |              |        | 1 / 1   |
|--|----------------|-------------------------------------|-----------------------|----------|---|---|--------------|--------|---------|
| MODEL HL-550FX   |                |                                     | 1419D01               |          |   |   |              |        |         |
| Reference/Symbol                                       | Type/Model     | Part                                | Description           | Quantity |   |   | Manufacturer | Vendor | Remarks |
| C101 ~ 107,110 ~<br>121,130,708,607<br>(C116 excluded) | RPE131R102K50  | Multi Layer<br>Ceramic<br>Capacitor | 0.001 µ F 50V         | 21       |   | N | Murata       |        |         |
| C108,201,203   | RPE132R104K50  | Multi Layer<br>Ceramic              | 0.1 µ F 50V           | 3        |   | I | Murata       |        |         |
| 900  | RPE131R104K50  | Multi Layer<br>Ceramic              | 0.1 µ F 50V           | 1        |   | N | Murata       |        |         |
| C140,142,145,122,123,129<br>,127,147,151,150           | RPE132R103K50  | Multi Layer<br>Ceramic              | 0.01 µ F 50V          | 10       |   |   | Murata       |        |         |
| C152,608,901   | RPE131R103K50  | Multi Layer<br>Ceramic              | 0.01 µ F 50V          | 3        |   | N | Murata       |        |         |
| C138,202   | DN1C100M1S     | Tantalum Capacitor                  | 10 µ F 16V            | 2        |   | ١ | NEC          |        |         |
| C148,C609  | DN1H010M1S     | Tantalum Capacitor                  | 1μF 50V               | 2        |   | 1 | NEC          |        |         |
| C155,C610  | DN1V3R3MIS     | Tantalum Capacitor                  | 3.3 µ F 35V           | 2        |   | 1 | NEC          |        |         |
| C126,128,137,139,141,143<br>,144,146,154               | ECEA1EKS100    | Electrolytic Capacitor              | 10μF 25V              | 9        |   | F | Panasonic    |        |         |
| C606   | ECA1EM221      | Electrolytic Capacitor              | 220 μ F 25V           | 1        |   | F | Panasonic    |        |         |
| C700   |                | Electrolytic Capacitor              | 470 µ F 16V           | 1        |   | F | Panasonic    |        |         |
| FB101,102  | EXCELSA35      | Beaded Inductor                     |                       | 2        |   |   | Гаiyo Yuden  |        |         |
| RL900  | G3VM61A1       | PhotoMOS Relay                      |                       | 1        |   | ( | Omron        |        |         |
| RL101  | AG 2 0 1 9 4 4 | Relay                               | DC5V                  | 1        |   | F | Panasonic    |        |         |
| SW101 (BAND SW)  | SRBV170501     | Rotary Switch                       | Band SW               | 1        |   | ļ | Alps         |        |         |
| SW102 (Meter SW)                                       | SRBV141201     | Rotary Switch                       | Meter SW              | 1        |   | ļ | Alps         |        |         |
| SW***(STBY SW)   | DS850SF200K    | Rocker Switch                       | Refer to GENER        | AL1      | ı |   |              |        |         |
|  |                |                                     |                       |          |   |   |              |        |         |

|  |              |                              | Schematic Drawing No. |          |              |        | 1 / 2   |
|--|--------------|------------------------------|-----------------------|----------|--------------|--------|---------|
| MODEL HL-550FX                           | <del>,</del> | <del>-</del>                 | 1419D01               |          |              |        |         |
| Reference/Symbol                         | Type/Model   | Part                         | Description           | Quantity | Manufacturer | Vendor | Remarks |
| RA103                                    | M4-1-103J    | Resistor Alley               | 10K                   | 1        | Beckman      |        |         |
| RA104                                    | M10-1-103J   | Resistor Alley               | 10K                   | 1        | Beckman      |        |         |
| RA105                                    | M6-1-103J    | Resistor Alley               | 10K                   | 1        | Beckman      |        |         |
| R113,902,904,911,940                     | RD25TJ0R0    | Carbon Resistor              | 0 1/4W                | 5        | Rikyu        |        |         |
| R127                                     | RD25S100     | Carbon Resistor              | 10 1/4W               | 1        | Rikyu        |        |         |
| R101 ~ 103                               | RD25S101     | Carbon Resistor              | 100 1/4W              | 3        | Rikyu        |        |         |
| R109                                     | RD25S122     | Carbon Resistor              | 1.2K 1/4W             | 1        | Rikyu        |        |         |
| R106,108,118,119,120,121<br>,144,906,930 | RD25S102     | Carbon Resistor              | 1K 1/4W               | 9        | Rikyu        |        |         |
| R142.901                                 | RD25S202     | Carbon Resistor              | 2K 1/4W               | 2        | Rikyu        |        |         |
| R126                                     | RD25S332     | Carbon Resistor              | 3.3K 1/4W             | 1        | Rikyu        |        |         |
| R129                                     | RD25S472     | Carbon Resistor              | 4.7K 1/4W             | 1        | Rikyu        |        |         |
| R140,128,145,512,700,701                 | RD25S103     | Carbon Resistor              | 10K 1/4W              | 6        | Rikyu        |        |         |
| R114                                     | RD25S622     | Carbon Resistor              | 6.2K 1/4W             | 1        | Rikyu        |        |         |
| R115,116                                 | RD25S223     | Carbon Resistor              | 22K 1/4W              | 2        | Rikyu        |        |         |
| R107                                     | RD25S3 0 2   | Carbon Resistor              | 3K 1/4W               | 1        | Rikyu        |        |         |
| R907                                     | ERG5ANJ470   | Metal Oxide Film<br>Resistor | 47 5W                 | 1        | Rikyu        |        |         |
| R141                                     | RD25S513     | Carbon Resistor              | 51K 1/4W              | 1        | Rikyu        |        |         |
| R131                                     | RD25S224     | Carbon Resistor              | 220K 1/4W             | 1        | Rikyu        |        |         |
| R117                                     | RD25S154     | Carbon Resistor              | 150K 1/4W             | 1        | Rikyu        |        |         |
| R130                                     | RD50S022     | Carbon Resistor              | 22 1/2W               | 1        | Rikyu        |        |         |

PARTS LIST Control Unit 2

|                      |            |                     | Schematic Drawing No. |          |              |        | 2 / 2   |
|----------------------|------------|---------------------|-----------------------|----------|--------------|--------|---------|
| MODEL HL-550FX       |            |                     | 1419D01               |          |              |        |         |
| Reference/Symbol     | Type/Model | Part                | Description           | Quantity | Manufacturer | Vendor | Remarks |
| R706                 | RD50S047   | Carbon Resistor     | 47 1/2W               | 1        | Rikyu        |        |         |
| R143                 | RD25S152   | Carbon Resistor     | 1.5K 1/4W             | 1        | Rikyu        |        |         |
| R124,R909            | RD25S104   | Carbon Resistor     | 100K 1/4W             | 2        | Rikyu        |        |         |
| R111,R112,R513       | RD25S473   | Carbon Resistor     | 47K 1/4W              | 3        | Rikyu        |        |         |
| R908                 | RD25S204   | Carbon Resistor     | 200K 1/4W             | 1        | Rikyu        |        |         |
| R714,715,716,717,718 | RD25S470   | Carbon Resistor     | 47 1/4W               | 5        | Rikyu        |        |         |
| R707 ~ 713           | RD25S047   | Carbon Resistor     | 4.7 1/4W              | 7        | Rikyu        |        |         |
| R514                 | RD25S2333  | Carbon Resistor     | 33K 1/4W              | 1        | Rikyu        |        |         |
| R702                 | RD25S222   | Carbon Resistor     | 2.2K 1/4W             | 1        | Rikyu        |        |         |
| R134 ~ 138           | RD25S471   | Carbon Resistor     | 470 1/4W              | 5        | Rikyu        |        |         |
| R905                 | RD25S562   | Carbon Resistor     | 5.6K 1/4W             | 1        | Rikyu        |        |         |
| R105                 | MF1/4CCF   | Metal Film Resistor | 51K 1/4W              | 1        | Rikyu        |        |         |
|                      |            |                     |                       |          |              |        |         |

|                                 |                  |                         | Schematic Drawing No. |          |                  |              | 1 / 2                 |
|---------------------------------|------------------|-------------------------|-----------------------|----------|------------------|--------------|-----------------------|
| MODEL HL-550FX                  |                  |                         | 1419D01               | <u> </u> |                  |              |                       |
| Reference/Symbol                | Type/Model       | Part                    | Description           | Quantity | Manufacturer     | Vendor       | Remarks               |
|                                 | PC1818           | PC Board                |                       | 1        | Orion            |              |                       |
| IC101                           | LF347N           | IC                      |                       | 1        | NS               |              |                       |
| IC102                           | LM339N           | IC                      |                       | 1        | NS               |              |                       |
| IC103                           | GAL16V8-25LP     | IC                      |                       | 1        | Lattice          |              |                       |
| IC108                           | 7805FA           | 3-terminal<br>Regulator | 5V                    | 1        | NJRC             |              |                       |
| Q101                            | 2SC1959          | Transistor              |                       | 1        | Toshiba          |              |                       |
| Q102                            | 2SC1815          | Transistor              |                       | 1        | Toshiba          |              |                       |
| D114                            | HZ3C2            | Diode                   |                       | 1        | Hitachi          |              |                       |
| LED104 ~ 108                    | SLP-155B-51      | LED                     | red                   | 5        | Sanyo            |              |                       |
| LED101                          | SLP-255B-51      | LED                     | green                 | 1        | Sanyo            |              |                       |
| LED102                          | HWLH-A32A-11     | LED (ID-H/L)            |                       | 1        |                  | Maruka Denki |                       |
| LED103                          | SLP-455B-51      | LED                     | yellow                | 1        | Sanyo            |              |                       |
| LED700                          | L314LBD-T1-DPE1. | 0_LED (FAN-H/L)         |                       | 1        |                  | Maruka       |                       |
| D708                            | SR140            | Diode                   |                       | 1        | Rectron          |              |                       |
| VR101,105                       | CT6EX 100 K      | Cermet Trimmer          |                       | 2        | Copal Electronic | CS           |                       |
| VR102,103,106,107,108,<br>VR200 | CT6EX 50K        | Cermet Trimmer          |                       | 6        | Copal Electronic | cs           |                       |
| D107 ~ 110,112,113,300          | 1S2076A          | Diode                   |                       | 7        | Hitachi          |              | Replaceable to D1NJ10 |
| D511                            | UZP-30B (1W)     | Zener Diode             | Discontinued          | 1        | (Unizon)         |              |                       |
| Alternative 1 for D511          | HZ33BP           | Zener Diode             | Alternative 1         | 1        | Renesas          |              |                       |
| Alternative 2 for D511          | 1N4752A          | Zener Diode             | Alternative 2         | 1        | Rectron          |              |                       |

|                  |            |             | Schematic Drawing No. |          |  |              |        | 2 / 2   |
|------------------|------------|-------------|-----------------------|----------|--|--------------|--------|---------|
| MODEL HL-550FX   |            |             | 1419D01               |          |  |              |        |         |
| Reference/Symbol | Type/Model | Part        | Description           | Quantity |  | Manufacturer | Vendor | Remarks |
| D111-1,D111-2    | HZ24-3-E   | Zener Diode |                       | 2        |  | Hitachi      |        |         |
| D900             | D1NJ10     | Diode       |                       | 1        |  | Shindengen   |        |         |
|                  |            |             |                       |          |  |              |        |         |

PARTS LIST LPF Unit

|                      |                  |                        | Schematic Drawing No. |          |   |                   |        | 1 / 2   |
|----------------------|------------------|------------------------|-----------------------|----------|---|-------------------|--------|---------|
| MODEL HL-550FX       |                  |                        | 1419D03               |          |   |                   |        |         |
| Reference/Symbol     | Type/Model       | Part                   | Description           | Quantity | , | Manufacturer      | Vendor | Remarks |
|                      | PC1817           | PC Board               |                       | 1        |   | Orion             |        |         |
| RL301 ~ 312          | G2R-1 DC12V      | Relay                  |                       | 12       |   | Omron             |        |         |
| RL313.314            | G2R-2 DC12V      | Relay                  |                       | 2        |   | Omron             |        |         |
| J303                 | B8B - EH         | EH Connector           |                       | 2        |   | Nichiatsu         |        |         |
| J301.302             | MR-571L          | RCA Connector          |                       | 2        |   | Marushin Electric |        |         |
| C305                 | UC342H4000J-T    | Chip Mica Capacitor    | 500 V /400pF/d 2      | 1        |   | Soshin            |        |         |
| C320,325,331,343     | UC342H2500J-T    | Chip Mica<br>Capacitor | 500V/250pF/a2         | 4        |   | Soshin            |        |         |
| C314,315,334         | UC342H2000J-T    | Chip Mica<br>Capacitor | 500V/200pF/H2         | 3        |   | Soshin            |        |         |
| C310,312,313,316     | UC342H4700J-T    | Chip Mica<br>Capacitor | 500V/470pF/S2         | 4        |   | Soshin            |        |         |
| C301,304,323,333,340 | UC342H1500J-T    | Chip Mica<br>Capacitor | 500V/150pF/E2         | 5        |   | Soshin            |        |         |
| C336,345,353,324     | UC342H1000J-T    | Chip Mica<br>Capacitor | 500V/100pF/A2         | 4        |   | Soshin            |        |         |
| C322                 | UC342H4000J-T    | Chip Mica<br>Capacitor | 500V/400pF/d2         | 1        |   | Soshin            |        |         |
| C306                 | UC553A8200J      | Chip Mica<br>Capacitor | 1000V/820pF/Y2        | 1        |   | Soshin            |        |         |
| C300,302,303         | UC553A1001J      | Chip Mica<br>Capacitor | 1000V/1000pF/A3       | 3        |   | Soshin            |        |         |
| C321,335,356,360,362 | ECCA3A470KGE     | Ceramic<br>Capacitor   | 1KV/47pF              | 5        |   | Panasonic         |        |         |
| C330,338,341,365     | ECCA3A220KGE     | Ceramic<br>Capacitor   | 1KV/22pF              | 4        |   | Panasonic         |        |         |
| C332,342,352         | ECCA3A180KGE     | Ceramic<br>Capacitor   | 1KV/18pF              | 4        |   | Panasonic         |        |         |
| C337,344,354,355     | ECCA3A330KGE     | Ceramic<br>Capacitor   | 1KV/33pF              | 4        |   | Panasonic         |        |         |
| C311,350,351         | ECCA3A 8 2 0 KGE | Ceramic<br>Capacitor   | 1KV/82pF              | 3        |   | Panasonic         |        |         |
| C364                 | ECCAHT100DG      | Ceramic<br>Capacitor   | 1KV/10pF              | 1        |   | Panasonic         |        |         |

PARTS LIST LPF Unit

|                  |               |                        | Schematic Drawing No. |          |  |              |        | 2 / 2   |
|------------------|---------------|------------------------|-----------------------|----------|--|--------------|--------|---------|
| MODEL HL-550FX   |               |                        | 1419D03               |          |  |              |        |         |
| Reference/Symbol | Type/Model    | Part                   | Description           | Quantity |  | Manufacturer | Vendor | Remarks |
| C361             |               | Ceramic<br>Capacitor   | 3KV/3.3pF             | 1        |  | Panasonic    |        |         |
| D301 ~ 307       | 1N4002        | Diode                  |                       | 7        |  | Rectron      |        |         |
| C400 ~ 407       | RPE132R103K50 | Multi Layer<br>Ceramic | 0.01 μ F/50V          | 8        |  | Murata       |        |         |
|                  |               |                        |                       |          |  |              |        |         |

PA Unit 2

|                  |                |                   | Schematic Drawing No. |          |                  |                   | 1 / 2   |
|------------------|----------------|-------------------|-----------------------|----------|------------------|-------------------|---------|
| MODEL HL-550FX   |                |                   | 1419D02               |          |                  |                   |         |
| Reference/Symbol | Type/Model     | Part              | Description           | Quantity | Manufacturer     | Vendor            | Remarks |
| VR201-204        | CT-6P 2k       | Cermet Trimmer    | 2K                    | 4        | Copal Electronic | s                 |         |
| VR205            | CT-6P 10k      | Cermet Trimmer    | 10K                   | 1        | Copal Electronic | s                 |         |
| IC201            | NJM78L08       | IC                |                       | 1        | NJRC             |                   |         |
| RL201            | DS1E-M-DC12V   | Relay             | 1a1b AG201344         | 1        | Panasonic        |                   |         |
| RT201            | 158-402-83007  | Thermistor        |                       | 1        | Oh'izumi Seisakı | usho              |         |
| S201             | OHD3-80M       | Thermal Sensor    | 80                    | 1        | Tokin            |                   |         |
| S202             | OHD3-50M       | Thermal Sensor    | 50                    | 1        | Tokin            |                   |         |
| RL201            | AG 2 0 1 9 4 4 | Relay             | DC5V                  | 1        | Panasonic        |                   |         |
| J201,204,205     | TMP-J01X-V6    | Coaxial Connector |                       | 3        | Tyco Electronics | 5                 |         |
| J202             | BNCR-PCB       | BNC               | BNC-224R              | 1        | Toyo Connector   |                   |         |
| J203             | B7B-EH         | EH Connector      |                       | 1        | Nichiatsu        |                   |         |
| J206             | B4B-EH         | EH Connector      |                       | 1        | Nichiatsu        |                   |         |
| J210             | B2B-EH         | EH Connector      |                       | 1        | Nichiatsu        |                   |         |
| J210             | B2B-EH         | EH Connector      |                       | 1        | Nichiatsu        |                   |         |
| T201             | 1340L11        | Input Transformer | RiB10*20*15 D12A      | 1        | Tomita Electric  |                   |         |
| T202             | 1340L13        | Balun             | RiB10*20*15 D12A      | 1        | Tomita Electric  |                   |         |
| T203             | 1340L12        | Output Transforme | rRiB21*42*40 D12A     | 1        | Tomita Electric  |                   |         |
| VDD1,VDD2        | Y101           | Terminal Holder   |                       | 2        | Morimatsu        |                   |         |
| F201             | LM-10          | Fuse              | 1A                    | 1        | Daito Commun     | ication Apparatus |         |
|                  | LM-1H          | Fuse Holder       |                       | 1        | Daito Commun     | ication Apparatus |         |

PARTS LIST PA Unit 2

|                     |                  |               | Schematic Drawing No. |          |  |               |        | 2 / 2   |
|---------------------|------------------|---------------|-----------------------|----------|--|---------------|--------|---------|
| MODEL HL-550FX      |                  |               | 1419D02               |          |  |               |        |         |
| Reference/Symbol    | Type/Model       | Part          | Description           | Quantity |  | Manufacturer  | Vendor | Remarks |
| F202,203            | FGBO 125V15A     | Glass Fuse    | 125V 15A              | 2        |  | Fuji Terminal |        |         |
|                     | FC310P           | Fuse Holder   |                       | 4        |  | Call Corp.    |        |         |
| D201-204            | 1S2076A          | Diode         |                       | 4        |  | Hitachi       |        |         |
| ISO201,202          | TLP521-1         | Photo Coupler |                       | 2        |  | Toshiba       |        |         |
| Q201-204            | VRF150           | FET           |                       | 4        |  | Microsemi     |        |         |
| Q205                | 2SC1959          | Transistor    |                       | 1        |  | Toshiba       |        |         |
| IC202               | TL431CLP         | Regulator IC  |                       | 1        |  | T.I.          |        |         |
| FB201,201A,202,202A | HF70BB 5.5*5*2.5 | Ferrite Bead  |                       | 4        |  | Tomita        |        |         |
| FB203               | EXCELSA35        | Ferrite Bead  |                       | 1        |  | Panasonic     |        |         |
| LED201              | SLP-235B-51      | LED           |                       | 1        |  | Sanyo         |        |         |
| L201,202            | 1340L14          | Choke Coil    |                       | 2        |  | THP           |        |         |
| Collar              | Collar           | Collar        |                       | 2        |  |               | Itsue  |         |
| LED310              | SLP-190B-51      | LED Red       |                       | 1        |  | Sanyo         |        |         |
|                     |                  |               |                       |          |  |               |        |         |

PA Unit 1

|   |                   |                              | Schematic Drawing No. |          |              |        | 1 / 2   |
|---|-------------------|------------------------------|-----------------------|----------|--------------|--------|---------|
| MODEL HL-550FX  |                   |                              | 1419D02               |          |              |        |         |
| Reference/Symbol  | Type/Model        | Part                         | Description           | Quantity | Manufacturer | Vendor | Remarks |
| C201  | TBM1V335GECB      | Tantalum Capacitor           | 3.3 µ F /16V          | 1        | NEC          |        |         |
| C202,203,204,207,208,209<br>,238,240,C-EX3                            | RPE132R104        | Multi Layer<br>Ceramic       | 0.1 μ F               | 9        | Murata       |        |         |
| C242,237,239,214,215<br>Back Side2pcs.,TempSW2pcs.                    | RPE132R103        | Multi Layer<br>Ceramic       | 0.01 μ F              | 9        | Murata       |        |         |
| C205  | HM13SJCH151J      | Ceramic<br>Capacitor         | 150pF 500V            | 1        | Maruwa       |        |         |
| C205A   | UC232H2500        | Chip Mica<br>Capacitor       | 250pF 500V            | 1        | Soshin       |        |         |
| C210 ~ 213,210A ~<br>213A,217,217A218,218A,222,<br>222A,224,224A,233- | GHM1540*7R104 630 |                              | 0.1 μ F               | 23       | Murata       |        |         |
| C229  | HM11SJCH121J      | Ceramic<br>Capacitor         | 120pF 500V            | 1        | Maruwa       |        |         |
| C300  | HM95SJCH680J      | Ceramic<br>Capacitor         | 68pF 500V             | 1        | Maruwa       |        |         |
| C225,226  | DN1V100M1S        | Tantalum Capacitor           | 10 μ F /35V           | 2        | NEC          |        |         |
| C227  | UC553A2200J       | Chip Mica<br>Capacitor       | 220pF                 | 1        | Soshin       |        |         |
| C228  | UC553A2000J       | Chip Mica<br>Capacitor       | 200pF                 | 1        | Soshin       |        |         |
| R201.202.204.205.207  | RNP-50U75         | Resistor                     | 75 50W                | 5        | Nikko Ohm    |        |         |
| R210  | RNP-20C33         | Resistor                     | 33 20W                | 1        | Nikko Ohm    |        |         |
| R212  | ERG5ANJ 1 5 0     | Resistor                     | 150 5W                | 1        | Rikyu        |        |         |
| R217,228  | ERG5ANJ470        | Resistor                     | 470 5W                | 2        | Rikyu        |        |         |
| R213-216  | MF1/2CCF          | Metal Film Resistor          | 47 1/2W               | 4        | Koa          |        |         |
| R220.225.218.227  | MCR100PZHZJLR10   | Chip Resistor                | 0.1 1W                | 4        | Rohm         |        |         |
| R219,221,224,226  | MF1/4CCF          | Metal Film Resistor          | 4.7K 1/4              | 4        | Koa          |        |         |
| R222,222A,223,223A  | ERG5ANJ180        | Metal Oxide Film<br>Resistor | 18 5W                 | 4        | Rikyu        |        |         |
| R229,231  | ERG1AN472         | Metal Oxide Film<br>Resistor | 4.7KJ 1W              | 2        | Rikyu        |        |         |

PARTS LIST PA Unit 1

|                        |                       |                  | Schematic Drawing No. |          |      |            |        | 2 / 2   |
|------------------------|-----------------------|------------------|-----------------------|----------|------|------------|--------|---------|
| MODEL HL-550FX         |                       |                  | 1419D02               |          |      |            |        |         |
| Reference/Symbol       | Type/Model            | Part             | Description           | Quantity | Mar  | nufacturer | Vendor | Remarks |
| R230,232               | RD25U                 | Carbon Resistor  | 10K 1/4J              | 2        | Riky | ⁄u         |        |         |
| R234                   | ERG1AN121             | Carbon Resistor  | 120K 1W               | 1        | Riky | ⁄u         |        |         |
| R235,R310              | RD25U222              | Carbon Resistor  | 2.2K 1/4J             | 2        | Riky | ⁄u         |        |         |
| R236                   | RD25U4R7              | Carbon Resistor  | 4.7 1/4J              | 1        | Riky | ⁄u         |        |         |
| R237                   | RD25U502              | Carbon Resistor  | 5.0K 1/4J             | 1        | Riky | ⁄u         |        |         |
| R237A                  | RD25U202              | Carbon Resistor  | 2K 1/4J               | 1        | Riky | ⁄u         |        |         |
| R238                   | RD25U102              | Carbon Resistor  | 1K 1/4J               | 1        | Riky | ⁄u         |        |         |
| R311                   | RD50S510              | Carbon Resistor  | 51 1/2W               | 1        | Riky | ⁄u         |        |         |
| R***                   | 0 Jumper              | Carbon Resistor  | 0 1/4W                | 1        | Riky | ⁄u         |        |         |
|                        | PC1662V               | PC Board         |                       | 1        | Orio | on         |        |         |
| For L300, refer to 141 | 19D08, Parts List "Co | il Processings". |                       |          |      |            |        |         |
|                        |                       |                  |                       |          |      |            |        |         |

General 2

|                     |                |                            | Schematic Drawing No. |          |   |                |                  | 1/2              |
|---------------------|----------------|----------------------------|-----------------------|----------|---|----------------|------------------|------------------|
| MODEL HL-550FX      | <del>,</del>   |                            | 1419D06               |          |   |                |                  |                  |
| Reference/Symbol    | Type/Model     | Part                       | Description           | Quantity | , | Manufacturer   | Vendor           | Remarks          |
| chassis             | SMP-02V-BC     | SM 2P Connector            |                       | 1        |   |                | Takagi Shokai    | FAN              |
| chassis             | SHF-001T-0.83S | Pin                        |                       | 2        |   |                | Takagi Shokai    | FAN              |
|                     | SMR-02VB       | SM 2P Connector            |                       | 1        |   |                | Takagi Shokai    | FAN              |
|                     | BYM-001T-0.6   | Pin                        |                       | 2        |   |                | Takagi Shokai    | FAN              |
|                     | 8*10(clear)    | Spiral Tube                | 8*10(clear)           | 0.5m     |   | Toho           |                  | 0.26+0.23 = 0.49 |
| F202,203(PA)        | 125V/15A       | Fuse                       | 125V/15A              | 2        |   |                | Tamaohm          | PA Board         |
| F1,F2               | 250V/8A        | Fuse                       | 250 V /8A             | 2        |   |                | Tamaohm          | Rear Panel       |
|                     | WIR/HL550KFX   | Wire Processings<br>1 set  |                       | 1        |   |                | Itsue            |                  |
|                     | COL/HL550KFX   | Coil Processings 1 set     |                       | 1        |   |                | Wakoh            |                  |
|                     | HL550KFX1式     | screws                     | for HL550KFX          | 1        |   |                | San-Yuh          |                  |
|                     | L1390HJ        | Metal Hardware<br>1 set    | 1set                  | 1set     |   | Kurosu         |                  |                  |
|                     | *****          | Plate                      | HL550KFX # 50 teflon  | 1        |   |                | Arrow Industries | attached at THP  |
|                     | *****          | Acryl Panel Printing       | silk (both sides)     | 1        |   |                | Arrow Industries |                  |
|                     | 1419M32        | Acryl Panel<br>Processings | t4 Acryl(clear)       | 1        |   |                | Akiyama          |                  |
| SW Power Supply     | ADA1000F48RW   | SW Power Supply            |                       | 1        |   | Cosel          | Takagi Shokai    |                  |
| Sub SW Power Supply | KWD15-1212     | SW Power Supply            |                       | 1        |   | TDK-<br>Lambda | Takagi Shokai    |                  |
| Remote Cable        | H-SN-23        | Remote Cable               |                       | 1        |   | Cosel          | Takagi Shokai    |                  |
|                     |                |                            |                       |          |   |                |                  |                  |

PARTS LIST General 2

|                  |                  |                    | Schematic Drawing No. |          |  |                     |          | 2/2                                       |
|------------------|------------------|--------------------|-----------------------|----------|--|---------------------|----------|---|
| MODEL HL-550FX   |                  |                    | 1419D06               |          |  |                     |          |   |
| Reference/Symbol | Type/Model       | Part               | Description           | Quantity |  | Manufacturer        | Vendor   | Remarks                                   |
| Band Knob        | MY-197B          | Band Knob Black    |                       | 1        |  | Takachi<br>Electric |          | attached at THP                           |
|                  |                  |                    |                       |          |  |                     |          |   |
| Rubber Foot      | BU 4850-B        | Rubber Foot        |                       | 4        |  |                     |          | Left Side                                 |
| BNC-P Connector  | BNC-P-2.5D       | BNC-P<br>Connector | 050-1350N             | 1        |  | Yuh'etsu            |          |   |
| RCA Connector    | RCA Plug         |                    |                       | 2        |  |                     | Tama-ohm |   |
|                  | Insulation Sheet | Lumirror(pale) S-  | Lumirror 250 85x35    | 1        |  |                     | Sanpoku  | 80mmx35mm<br>Used on J3                   |
|                  | Insulation Sheet | Lumirror(pale) S-  | Lumirror 250 110x20   | 1        |  |                     |          | 110*20mm Used on copper side of LPF Board |
| Meter Board      | PCS1790          | Meter Board        | PCS1790               | 1        |  |                     | Sanko    |   |
|                  |                  |                    |                       |          |  |                     |          |   |

General 1

|                         |                           |                                | Schematic Drawing No.  |          |                     |               | 1 / 2      |
|-------------------------|---------------------------|--------------------------------|------------------------|----------|---------------------|---------------|------------|
| MODEL HL-550FX          |                           |                                | 1419D06                |          |                     |               |            |
| Reference/Symbol        | Type/Model                | Part                           | Description            | Quantity | Manufacturer        | Vendor        | Remarks    |
| S-1, S-2                | SLA215K                   | Rocker Switch                  |                        | 2        | Fujisoku            |               |            |
| S-3(Interlock SW)       | AM51614D53N               | Micro SW                       |                        | 1        | Panasonic           |               |            |
| C1.2                    | RPE132R103                | Multi Layer<br>Ceramic         | 0.01 µ F               | 2        | Murata              |               | Lamp/Meter |
| R1(M1 damping resistor) | RD25U221                  | Carbon Resistor                | 220 1/4W               | 1        | Denon               |               | wide type  |
| M1                      | SK6032-44                 | Panel Meter                    |                        | 1        | Takuma              |               | *DC1mA     |
| J3                      | ZUG2210-11A               | Noise Filter                   |                        | 1        | TDK                 |               |            |
| FB1 ~ FB46              | HF70BB5.5x5x2.5           | Ferrite Bead                   |                        | 43       | TDK                 |               |            |
| FB9.10.18               | HF70RH 8x15x4             | Ferrite Bead                   |                        | 3        | TDK                 |               |            |
| J1.J2                   | RCA-J (Black)             | RCA Jack                       | PM-016                 | 2        |                     | Tamaohm       |            |
|                         | BU-4850A CA25             | Rubber Foot                    |                        | 4        | Sato Parts          |               |            |
| F1.F2                   | MF530                     | Fuse Holder                    |                        | 2        | Marushin            |               |            |
| Fan (main)              | CNDC24B7V MK3<br>M5       | Fan Motor                      | 24V                    | 1        | Japan Servo         |               | with rib   |
|                         | 8130 F120UL               | Fan Guard                      | 120 square             | 1        | Japan Servo         |               |            |
| Fan (for J504.J505)     |                           | Type-M Coax.<br>Connector      |                        | 2        | Ai                  | mmet          |            |
| Fan (for J504.J506)     |                           | Type-M Coax.<br>Connector      |                        | 2        |                     | Connector     |            |
| For PA unit transformer | X-2254E                   | Conductible Tape (Copper Belt) | W30xL115cut            | 1        | Takachi<br>Electric | Takagi Shokai | Pot.       |
| Rear Panel (ALC)        | RV16YN15SB                | Variable Resistor<br>1k        | 1k B102 L15            | 1        | Tocos               | Tamaohm       |            |
| attached at THP         | MSA-11S                   | Knob for ALC                   |                        | 1        | Lex                 | Tama Electro  |            |
| attached at THP         | B-25<br>black, with white | Knob for meter/band            | white, with black dots | 2        | Lex                 | Tama Electro  |            |
| attached at THP         |                           | P L Label                      | Danger Mark            | 1        |                     | Takagi Shokai |            |

PARTS LIST General 1

|                  |            |           | Schematic Drawing No.              |          |              |               | 2 / 2   |
|------------------|------------|-----------|------------------------------------|----------|--------------|---------------|---------|
| MODEL HL-550FX   |            |           | 1419D06                            |          |              |               |         |
| Reference/Symbol | Type/Model | Part      | Description                        | Quantity | Manufacturer | Vendor        | Remarks |
| attached at THP  |            | P L Label | triangle warning label (lightning) | 1        |              | Takagi Shokai |         |
| Binding Band     | CV-70N     | Convex    | CV-70N                             | 10       |              | Takagi Shokai |         |
|                  | CV-150N    | Convex    | CV-150N                            | 3        |              | Takagi Shokai |         |
|                  |            |           |                                    |          |              |               |         |