

Service Manual

Turntable System

SL-1800MK2

(M), (MC)



- The model SL-1800MK2 (M) is available in U.S.A. only.
- The model SL-1800MK2 (MC) is available in Canada only.

SPECIFICATIONS

Specifications are subject to change without notice.
Weight and dimensions shown are approximate.

General

| | |
|------------------------|---|
| Power supply: | 120 V, AC, 50 or 60 Hz |
| Power consumption: | 15 W |
| Dimensions: (WxHxD) | 45.3 x 14.9 x 39.9 cm (17-27/32" x 5-7/8" x 15-45/64") |
| Weight: | 9.8 kg (21.6 lb.) |

Turntable section

| | |
|----------------------------------|---|
| Type: | Quartz direct drive |
| Drive method: | Manual turntable |
| Motor: | Brushless DC motor |
| Turntable platter: | Aluminum diecast |
| Turntable speeds: | 33-1/3 rpm and 45 rpm |
| Pitch control: | ±6% range |
| Starting torque: | 1.5 kg-cm (1.3 lb-in) |
| Build-up characteristics: | 0.7 ± 190° rotation) to 33-1/3 rpm |
| Braking system: | Electronic brake |
| Speed change due to load torque: | 0% within 1.0 kg-cm (0.87 lb-in) |
| Wow and flutter: | 0.01% WRMS* 0.025% WRMS (JIS C5621) ±0.035% peak (IEC 98A Weighted) |

*This rating refers to turntable assembly alone, excluding effects of record, cartridge or tonearm, but including platter. Measured by obtaining signal from built-in frequency generator of motor assembly.

Rumble

-56 dB (IEC 98A Unweighted)
-78 dB (IEC 98A Weighted)

Tonearm section

| | |
|------------------------------------|---|
| Type: | Universal |
| Effective length: | 230 mm (9-1/16") |
| Arm height adjustment range: | 0-6 mm |
| Overhang: | 16 mm (19/32") |
| Effective mass: | 12 g (without cartridge) |
| Tracking error angle: | Within 2°32' at the outer groove of 30 cm (12") record Within 0°32' at the inner groove of 30cm (12") record |
| Offset angle: | 22° |
| Friction: | Less than 7 mg (lateral, vertical) |
| Stylus pressure Adjustment range: | 0-2.5 g |
| Applicable cartridge weight range: | 6-10 g |
| (with auxiliary weight): | 13.5-17.5 g (including headshell) |
| (with shell weight): | 9.5-13 g |
| Headshell weight: | 17-20.5 g (including headshell) |
| | 3.5-6.5 g |
| | 11-14 g (including headshell) |
| | 7.5 g |

Technics

Panasonic Company
Division of Matsushita Electric
Corporation of America
One Panasonic Way, Secaucus,
New Jersey 07094

Panasonic Hawaii, Inc.
320 Waikamilo Road, Honolulu,
Hawaii 96817

Matsushita Electric of Canada Ltd.
5770 Ambler Drive,
Mississauga, Ontario
L4W 2T3

SL-1800MK2

■ CONTENTS

| | |
|--|---------|
| DISASSEMBLY PROCEDURE | 2 ~ 5 |
| PARTS IDENTIFICATIONS | 5 |
| FEATURES | 6 |
| WIRING CONNECTION | 7 |
| ADJUSTMENTS | 8, 9 |
| REFERENCE VOLTAGE AND WAVEFORM AT EACH IC PIN AND TEST POINT | 9, 10 |
| SCHEMATIC DIAGRAM | 11 ~ 14 |
| TROUBLE SHOOTING | 15, 16 |
| PRINTED CIRCUIT BOARD | 17 ~ 19 |
| REPLACEMENT PARTS LIST (Electrical) | 20 |
| BLOCK DIAGRAM | 21, 22 |
| EXPLODED VIEWS | 23 ~ 27 |
| REPLACEMENT PARTS LIST (Mechanical) | 28 |

■ DISASSEMBLY PROCEDURE

HOW TO REMOVE MAIN BASE ASS'Y AND BOTTOM BASE ASS'Y

1. Clamp tone arm to the arm rest.
2. Remove head shell and turntable platter.
3. Close dust cover.
4. Turn unit upside down taking special care not to damage or scratch the dust cover.
5. Remove 6 screws ① of the audio insulator and 2 screws ② of the phono cord clamer as shown in fig. 1.
6. Holding the player firmly with both hands, to prevent separation of upper section (bottom base ass'y) from lower section (main base ass'y), turn it carefully upwards.
7. Remove dust cover.
8. Remove 5 screws ③ of the panel cover as shown in fig. 2.
9. Remove 2 connectors ④ and 2 read wires ⑤ from power transformer as shown in fig. 3.
10. To remove the main base ass'y from the bottom base ass'y, turn cueing lever upward and move tone arm towards center of spindle. The main base ass'y can be lifted up easily. (See fig. 4, 5 and 6.)

HOW TO REMOVE DRIVE CIRCUIT BOARD

(Refer to 1~10.)

11. Remove 3 screws ⑥ of the drive circuit board and 3 screws ⑦ of the stater frame cover as shown in fig. 5.

HOW TO REMOVE STATER FRAME COIL AND F-G DETECTOR COIL

(Refer to 1~11.)

12. Disconnect 18 soldered parts ⑧ of the stater coil and 4 soldered parts ⑨ of the F-G detector coil as shown in fig. 7.
13. Remove 3 screws ⑩ of the stater frame ass'y as shown in fig. 7.

HOW TO REMOVE CONTROL CIRCUIT BOARD ASS'Y

(Refer to 1~10.)

14. Remove 7 screws ⑪ of the control circuit board ass'y as shown in fig. 6.

HOW TO REMOVE STYLUS-ILLUMINATOR LAMP

(Refer to 1~10 and 14.)

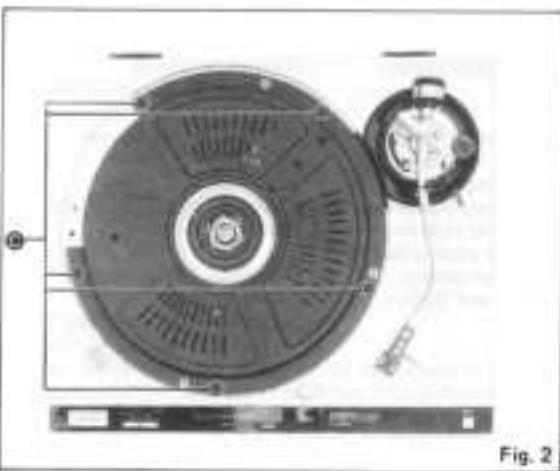
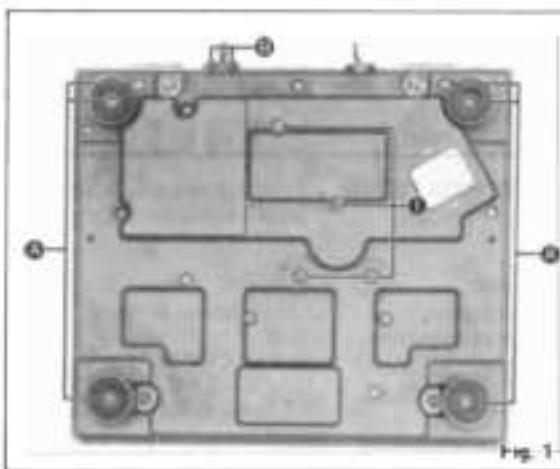
15. Remove 2 screws ⑫ of the stylus-illuminator lamp ass'y as shown in fig. 8.

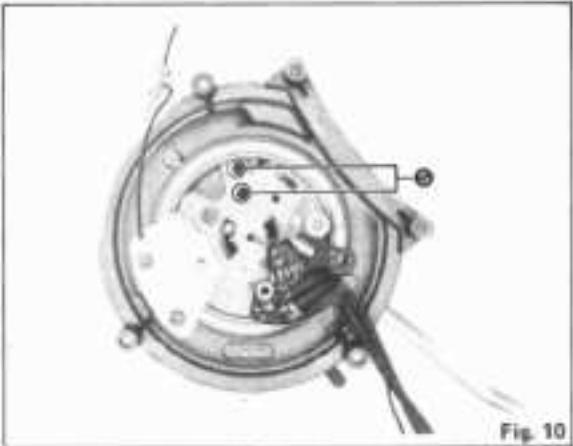
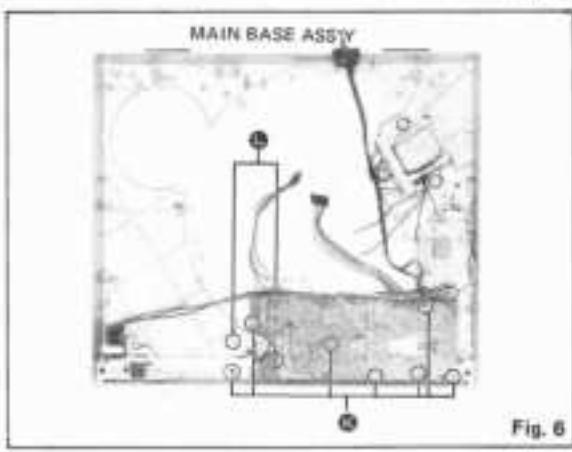
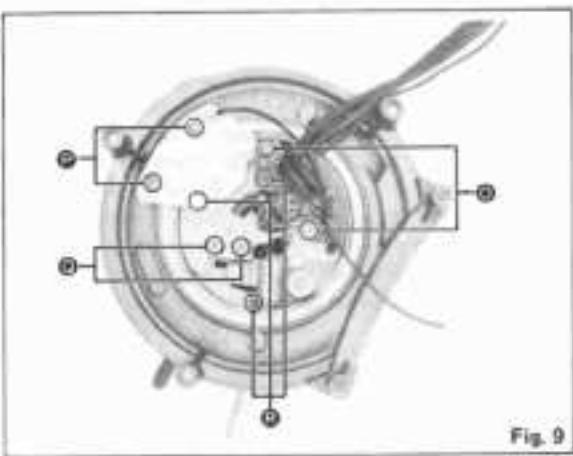
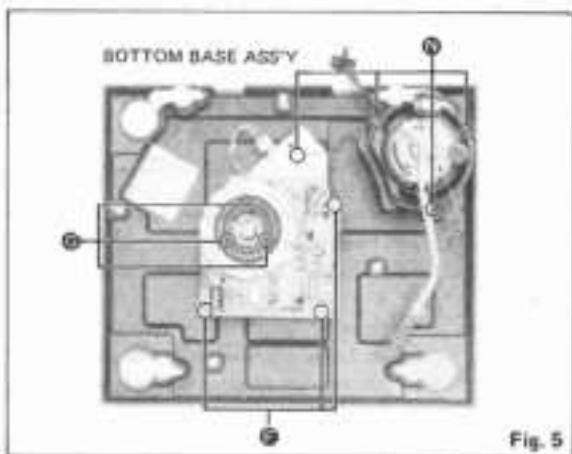
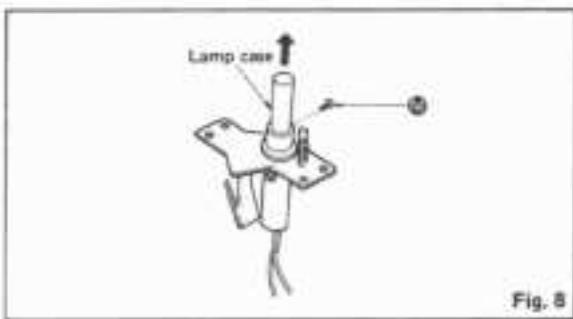
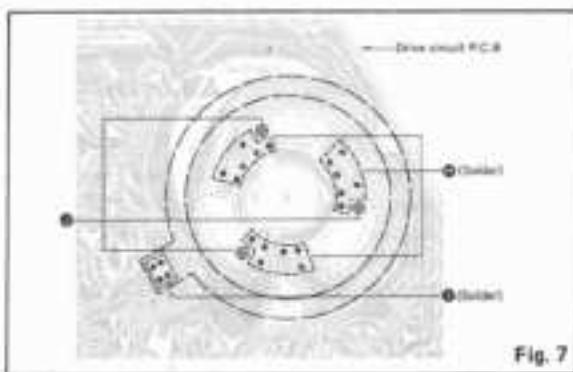
16. Remove 1 screw ⑬ as shown in fig. 8.

HOW TO REMOVE TONE ARM AND ARM BASE ASS'Y

(Refer to 1~10.)

17. Remove 4 screws ⑭ as shown in fig. 5.
18. Remove 2 screws ⑮ of the phono cord p.c.b. as shown in fig. 9.
19. Remove 2 screws ⑯ as shown in fig. 9.
20. Remove 2 screws ⑰ of the silicon oil dumper as shown in fig. 9.
21. Remove 3 screws ⑱ as shown in fig. 9.
22. Remove 2 screws ⑲ of the tone arm as shown in fig. 10.





■ ARM BASE ASSEMBLING PROCEDURE

1. Attach the control ring to the arm base seat. (The control ring should be rotated counterclockwise.)
2. Completely tighten the control ring, and then loosen it 1.5~2.5 turns to set the scale to "3". (See Fig. 11)

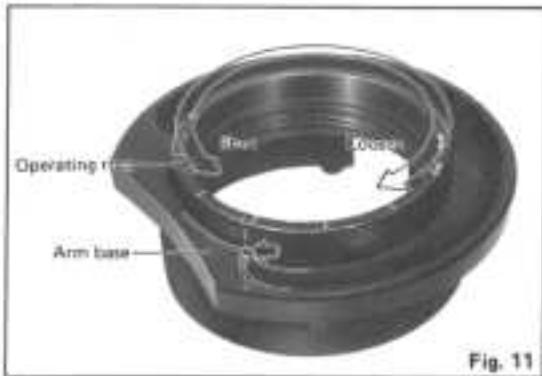


Fig. 11

5. Rotate the control ring and make sure that the arm base shifts within the range of 0~6mm. (See Figs. 14 and 15) If it does not shift within the specified range, the arm base position is deflected. In that case, disassemble the parts and check as specified in step 3.



Fig. 14

3. Hold the arm base and set the red line mark on the arm base to the scale near "2", then turn the arm base clockwise. (See Fig. 12)

Note:

Take care not to allow deflection of the predetermined positions of the control ring and arm base seat.



Fig. 12

4. Adjust the arm base so that the red line mark on the arm base is set to the scale "3" of the control ring. Next, secure the positioning base plate with two setscrews. (See Fig. 13)

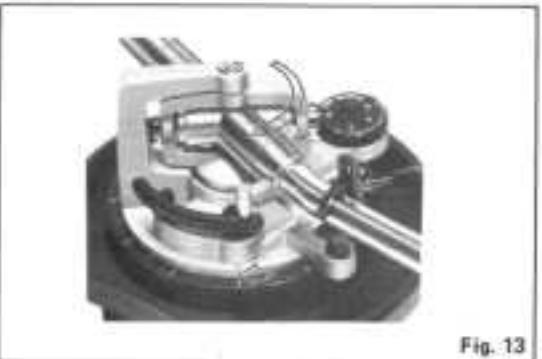


Fig. 13

■ ADJUSTMENT OF CANCELLER SPRING POSITION

If the arm body or PU base plate is replaced, be sure to set the canceller knob to "0.5" and make sure that the canceller spring is in contact with the arm shaft. (See Fig. 16) If the canceller spring is deflected, adjust it as follows:

1. Clamp the arm on the rest.
2. Set the canceller knob to "0.5".
3. Remove the PU base plate, adjust gear ④ so that the canceller spring is in the position of Fig. 16.
4. Mount the PU base plate onto the arm base and check the spring position.

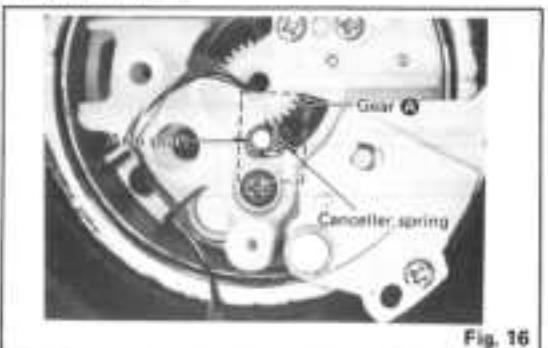


Fig. 16

How to install the drive circuit board assembly

The circuit board assembly can be detached by removing the 4 setscrews ① shown in Fig. 1. When installing it onto the bottom base assembly after adjustment and repair, follow the procedure mentioned below.

1. Temporarily tighten the 4 setscrews ①. (Refer to Fig. 1.)
2. Adjust so that the center spindle is aligned to the center of the turntable provided with equal clearances ② as in Fig. 17.
3. Completely tighten the 4 setscrews ①, taking care not to allow deflection of the center spindle.

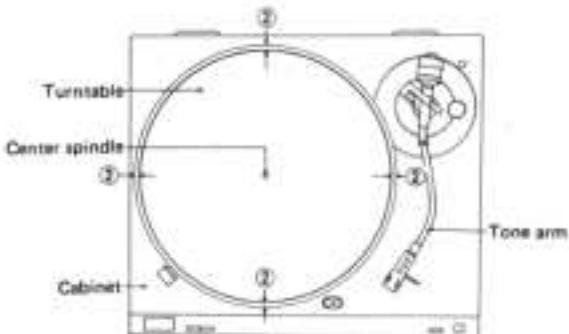


Fig. 17

■ PARTS IDENTIFICATIONS

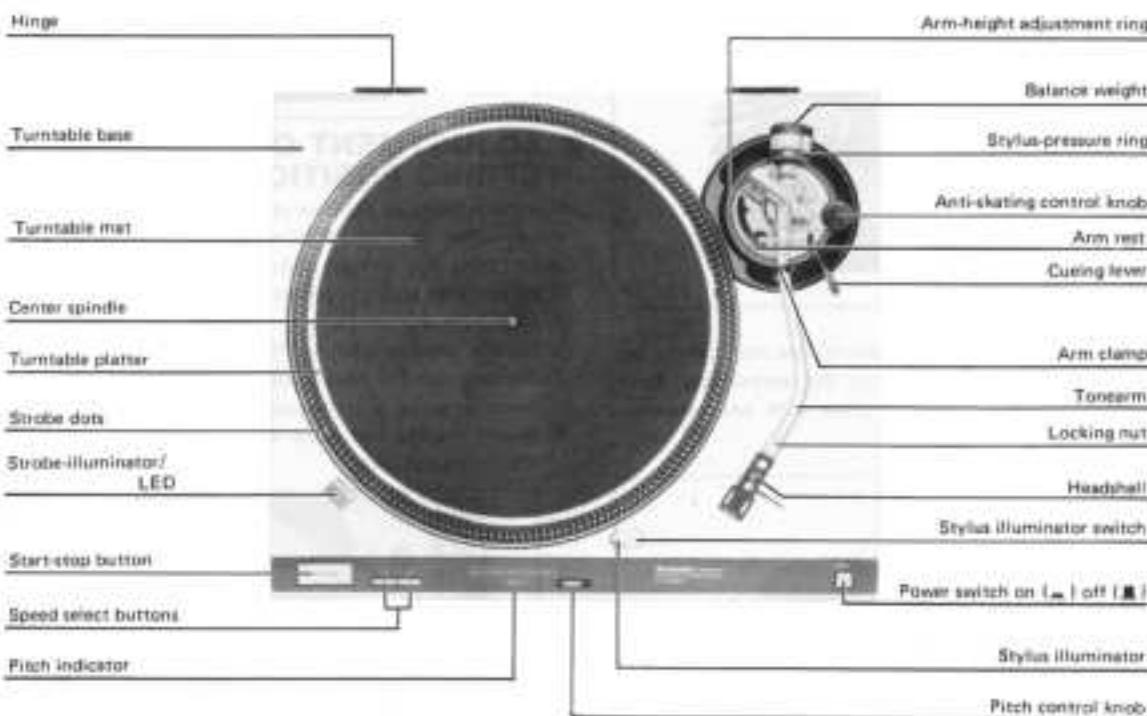


Fig. 18

■ FEATURES

Total Quartz Locked Continuous Pitch Adjustment ±6%

Quartz-phase-locked control provides rotational accuracy that is not approached by other turntable servo systems. With the large majority of quartz-controlled turntables, however, the quartz servo system must be defeated when speed changes are required (such as for matching musical pitch to an instrument). Technics was the first company to develop a "quartz synthesizer" system which maintained quartz accuracy in pitch-altered modes. This system permitted quartz-controlled speed changes in increments of 0.1%. Now, with the SL-1800MK2, pitch is variable continuously (analogically) by up to ±6%, under quartz control. Pitch changes are made by turning a knob on the front panel. As this is done, a series of thirteen LED's light to indicate percentage of pitch change—plus and minus 1, 2, 3, 4, 5, and 6%, and exactly on speed. In any case, the unsurpassed accuracy of the quartz system remains in effect.

Double Isolated Suspension System with TNRC Inner Base

Acoustic feedback is a potential problem whenever the turntable is located in the same room as the speakers, as is the case in nearly all home systems. Technics developed a double isolated suspension system to drastically reduce the potential for feedback. The outer base is made from diecast aluminum and is supported by a carefully tuned set of isolators. The inner base which supports the all-important platter, motor and tonearm base, is made from our heavy, anti-resonant "TNRC" material (Technics Non-Resonant Compound). This inner base is supported by a second set of isolators. Altogether, this double suspension makes it very unlikely that you'll ever encounter a feedback problem. Even the platter is double-damped, with a specially fabricated rubber mat placed on the underside of the turntable as well as the top.

All Front-Panel Controls

Operational convenience is enhanced by putting all controls, even the cueing control and LED display, in-line on the front panel. The control buttons are precision-designed to require a moderate but definite amount of pressure for activation;

This design gives a sense of positive control and minimizes the possibility of its accidental activation.

High-Sensitivity, Low Mass Gimbal Suspension Tonearm

The highly sensitive tonearm suspension features a genuine "gimbal" design, the rotational center of which is precisely defined at a single point. Bearings are finished to a tolerance of ±0.5 microns. This and the close-proximity of the bearings to the pivot center, result in an effective friction of 7 mg (0.007 grams) for both horizontal and vertical movement. Add to this the low, 12-gram effective mass of the tonearm (including the headshell) and you have a tonearm compatible with the wide range of compliances found in today's cartridges.

Quartz Oscillator-Controlled Strobe Illuminator with Four Indication Lines

A quartz controlled LED strobe illuminates four lines of stroboscope markings on the platter edge. These markings correspond to percentages of speed change: +6%, +3.3%, 0% (standard speed) and -3%. When the line of markings seem to stand still, this means that the platter is rotating at precisely the indicated speed.

Stylus Illuminator for Low-Light Conditions

You'll appreciate the stylus illuminator when you are using the turntable under low-light conditions, or if it is placed in a rack. The illuminator can be hidden in the turntable base. Should you need it, simply push a button and it will pop up gently and cast a beam of light across the disc in the area traversed by the tonearm. You can then clearly see the spaces between the selections on the record, and cue the arm exactly where you want it. The illuminator can then be pushed back down into the base.

Other Fine Features

- High torque for fast starts
- Excellent load characteristics for steady speed
- Helicoid tonearm height adjustment
- Electronic braking system brings platter to a quick stop
- Prism strobe illuminator, governed by quartz oscillator rather than potentially unstable AC line frequency.
- Soft-touch switches provide positive control while minimizing chances of accidental operation.
- Technics integral rotor/platter structure with full-cycle detection FG.

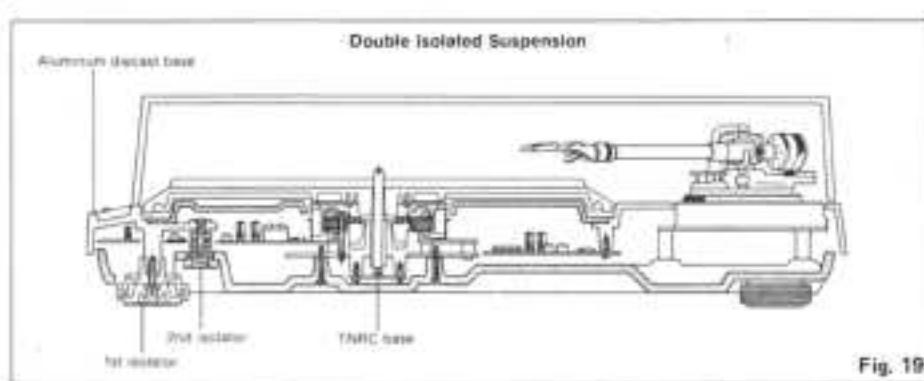
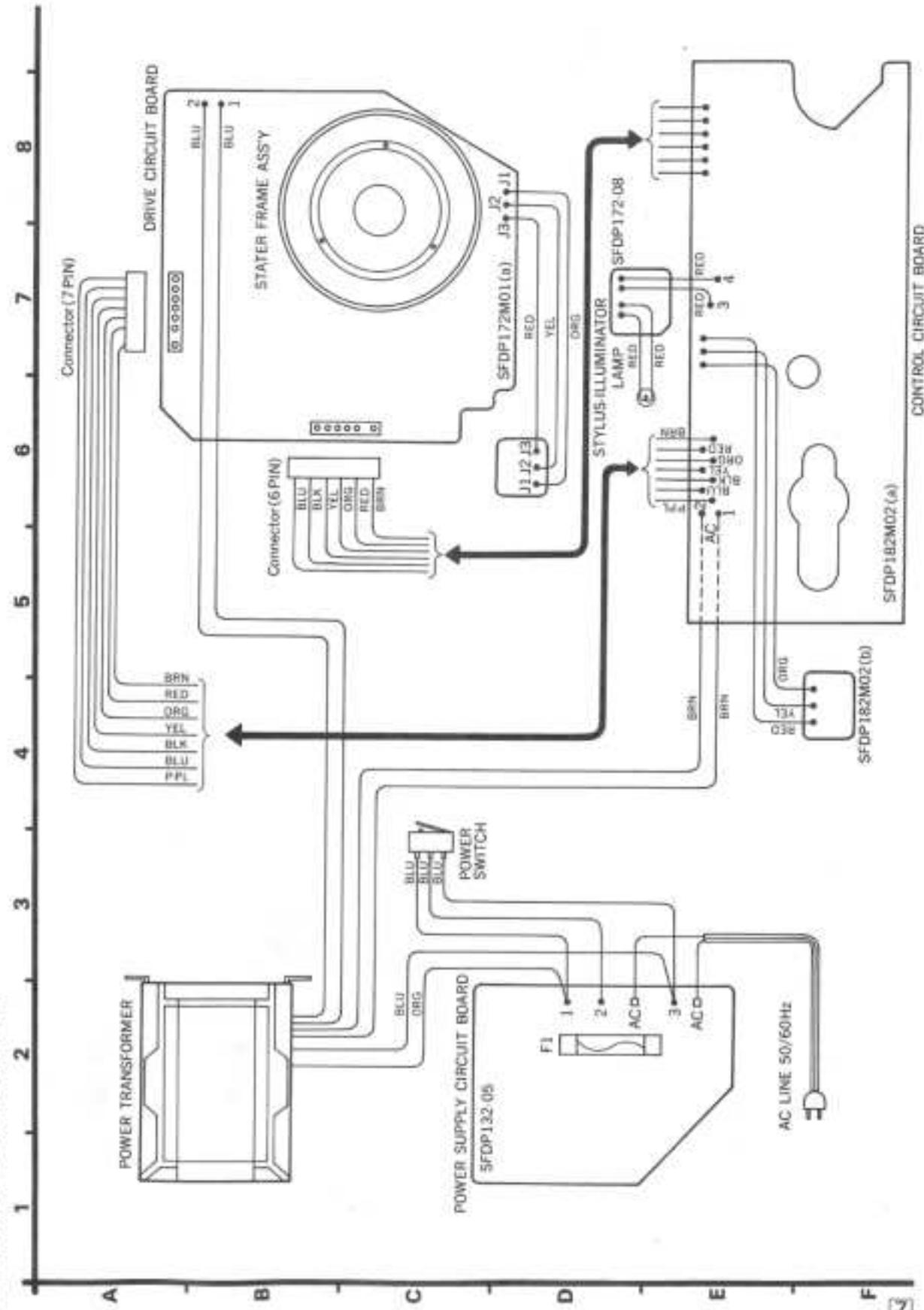


Fig. 19

■ WIRING CONNECTION



■ ADJUSTMENTS

Pitch control (fine adjustment of speed)

(See Figs. 20 and 21.)

As soon as power is applied to the unit by depressing the power switch (Δ), the LED lamp lights up indicating that the unit is on.

When the pitch control knob is clicked in at the position "0", the regular speed (33-1/3 or 45 rpm) is held, indicating the condition with the green LED lamp.

However, the pitch control feature of this unit allows speed variation in a range of $0 \pm 6\%$. Proper speed variation can be selected while watching the red LED lamp and the scale reading on the indicator. Please note that the scale reading on the indicator shows only an approximate percentage. If LED lamps light up at two locations (e.g. at positions [2] and [3]), it shows that pitch variation is in a range of $2 \sim 3\%$. When the strobe dots in 4 stages marked at the peripheral edge of the turntable appear to be stationary, variation of individual pitches is shown. (See Fig. 21.)

Note:

The strobe-illumination of this unit employs a strobe-illuminator LED synchronized with the precise quartz frequency.

For fine adjustment of the turntable speed, be sure to effect the adjustment according to the LED illumination.

The LED illumination is not synchronized with fluorescent lamps.

Adjustment of arm-lift height

(See Figs. 22 and 23.)

The arm-lift height (distance between the stylus tip and record surface when cueing lever is raised) has been adjusted at the factory before shipping to approximately 8-13 mm. If the clearance becomes too narrow or too wide, turn the adjustment screw clockwise or counterclockwise, while pushing the arm lift down.

Clockwise rotation

—distance between the record and stylus tip is decreased.

Counterclockwise rotation

—distance between the record and stylus tip is increased.

Note:

As the adjusting screw has hexagonal head, be sure to make the adjustment while depressing the arm lift, or the screw will not move freely.

Also be sure that the hexagonal head retracts correctly into the arm lift when the latter is released.

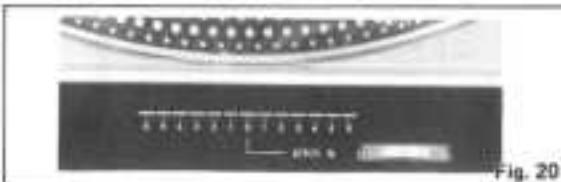


Fig. 20

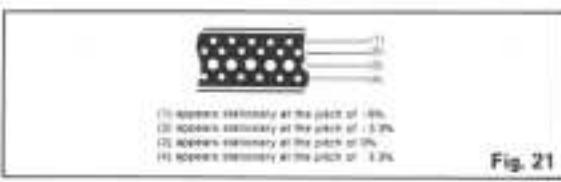


Fig. 21

Adjustment of the tonearm height (See Fig. 24.)

The height of the tonearm can be adjusted up to 6 mm, and a scale is provided on the adjust ring in 0.5 mm increments. Be sure to set the proper arm height using the adjust ring scale and referring to the table.

| Height of cartridge (mm) (H) | Scale reading on the arm-height adjust ring |
|---------------------------------|--|
| 15 | 0 |
| 16 | 1 |
| 17 | 2 |
| 18 | 3 |
| 19 | 4 |
| 20 | 5 |
| 21 | 6 |

For example, if the cartridge height is 17.5 mm, the arm-height adjust ring should be positioned at the intermediate location between 2 and 3 on the scale. (See Fig. 24.)

Caution:

Be sure to lock the tonearm by turning the arm lock knob in the direction indicated by the arrow after finishing the height adjustment for the tonearm.

Lubrication (See Fig. 25.)

Apply 2 or 3 drops of oil once after every 2000 hours of operation.

The time interval is much longer than that for conventional type motors (200~500 hours).

Please purchase original oil. (Part number is SFWD-010.)

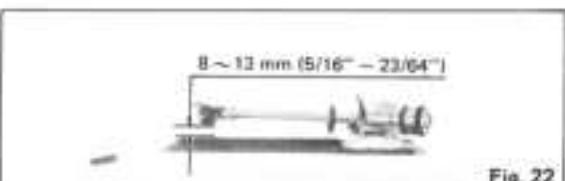


Fig. 22



Fig. 23



Fig. 24

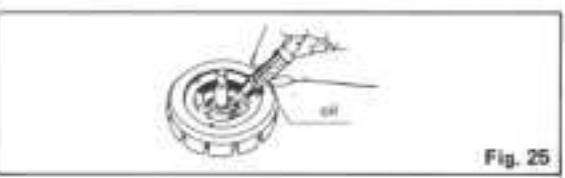


Fig. 25

■ ADJUSTMENTS (Electrical)

Adjustments (Electrical)

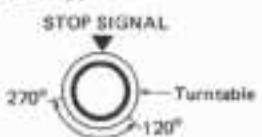
Notes: • Make the following adjustments after replacing parts such as IC's, transistors, diodes, etc.

- Condition of the set.

1. Power switchON
2. Pitch controlCenter position
3. Speed selector switch33-1/3 r.p.m.

- Instruments to be used

1. Oscilloscope
2. Frequency counter

| | Adjustment | Connection Points | Adjustment Point | Adjustment Method |
|---|--|---|------------------|--|
| A | Adjustment of pitch control ±0% (PITCH) | Frequency counter ① — TP27 ② — GROUND | VR301 | 1. Pitch control switch to center position. 2. Adjust VR301 for 262.08 kHz ±0.05 kHz of frequency. |
| B | Adjustment of pitch control frequency (GAIN) | Frequency counter ① — TP27 ② — GROUND | VR425 | 1. Adjust pitch control switch for 269.94 kHz of frequency. 2. Adjustment VR425 so that the LED (Pitch indicator plus 3%) lights up. |
| C | Braking adjustment (BRAKE) | — | VR201 | Adjust VR201 for complete stop within 120° – 270° after stop signal initiated. (Turntable becomes free a few seconds after stop)  |

■ REFERENCE VOLTAGE AND WAVEFORM AT EACH IC PIN AND TEST POINT

IC101 (AN6675)

| | Start | Stop | | Start | Stop | | Start | Stop |
|---|---|---|---|---|--|---|-------|------|
| ① | 2V | 2V | | | | | | |
| ② | 2V | 2V | ⑩ |  15V |  15V | | | |
| ③ | 0V | 0V | | | | | | |
| ④ | 3V | 3V | ⑪ |  15V |  15V | | | |
| ⑤ | 3V | 5V | | | | | ⑫ | 20V |
| ⑥ | 3V | 6.6V | ⑬ |  15V |  15V | | ⑬ | 20V |
| ⑦ | 0V | 0V | ⑭ | 15V | 15V | ⑭ | 20V | 20V |
| ⑧ | 3V | 5V | ⑮ |  15V |  15V | ⑮ | 0.2V | 0.2V |
| ⑨ | 0V | 0V | ⑯ |  15V |  15V | ⑯ | 20V | 20V |
| ⑩ |  15V | 15V | ⑰ | 0V | 0V | ⑰ | 1.7V | 1.7V |
| ⑪ |  15V |  15V | ⑲ | 15V | 15V | | | |

SL-1800MK2

IC201 (AN6680)

| | Start | Stop | | Start | Stop | | Start | Stop |
|---|------------------|------|---|------------------|------|---|-------|------|
| ① | 2.5V | 2.5V | ⑥ | 0V | 0V | ⑪ | 5V | 2.5V |
| ② | Same as at right | | ⑦ | 3.8V | 9.8V | ⑫ | 5V | 5V |
| | | | ⑧ | 10V | 10V | ⑬ | 0V | 0V |
| ⑨ | Same as at right | | ⑩ | Same as at right | | ⑭ | 7.5V | 0V |
| | | | ⑪ | | | ⑮ | 0V | 5V |
| ⑩ | Same as at right | | ⑯ | 0V | 0V | ⑯ | 1.5V | 0V |
| | | | ⑰ | 3V | 3V | ⑰ | 3V | 3V |
| ⑪ | Same as at right | | ⑫ | | 0.2V | ⑯ | | 3V |
| ⑫ | Same as at right | | ⑬ | | | ⑯ | 2.8V | 2.8V |
| ⑬ | 3.4V | 3.4V | ⑭ | | 8V | | | |
| ⑭ | 0V | 0V | | | | | | |

IC301 (AN6682)

| | Start | Stop | | Start | Stop | | Start | Stop |
|---|------------------|------|---|------------------|------|---|------------------|------|
| ① | Same as at right | | ④ | Same as at right | | ⑤ | Same as at right | |
| ② | Same as at right | | ⑤ | 0V | 0V | ⑥ | 9V | 9V |
| | | | ⑥ | 3.9V | 3.9V | ⑦ | Same as at right | |
| ③ | Same as at right | | ⑧ | Same as at right | | ⑨ | | |
| | | | ⑩ | | | ⑩ | | |

IC302 (SVITC4011BP)

| | Start | Stop | | Start | Stop | | Start | Stop |
|---|------------------|------|---|------------------|------|---|-------|------|
| ① | Same as at right | | ⑤ | Same as at right | | ⑪ | 5V | 5V |
| ② | 5V | 5V | ⑥ | 5V | 5V | ⑫ | 5V | 5V |
| ③ | Same as at right | | ⑦ | 0V | 0V | ⑬ | 0.6V | 0.6V |
| ④ | 5V | 5V | ⑧ | Same as at right | | ⑭ | 0.6V | 0.6V |
| | | | | | | ⑯ | 5V | 5V |

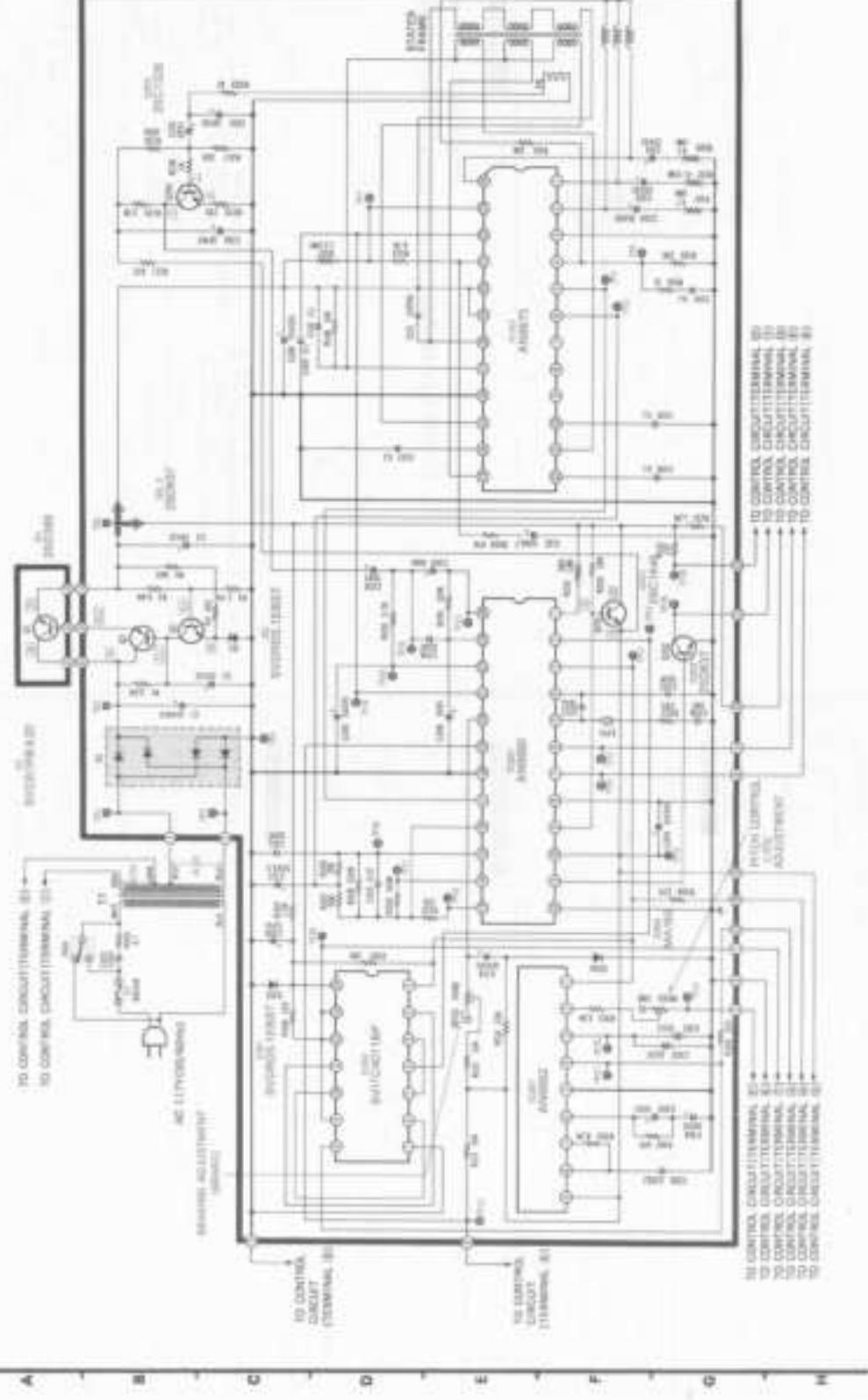
Q202 (2SD637)

| | Start | Stop |
|---|------------------|------|
| E | 0V | 0V |
| C | Same as at right | |
| B | Same as at right | |

Schematic Diagram

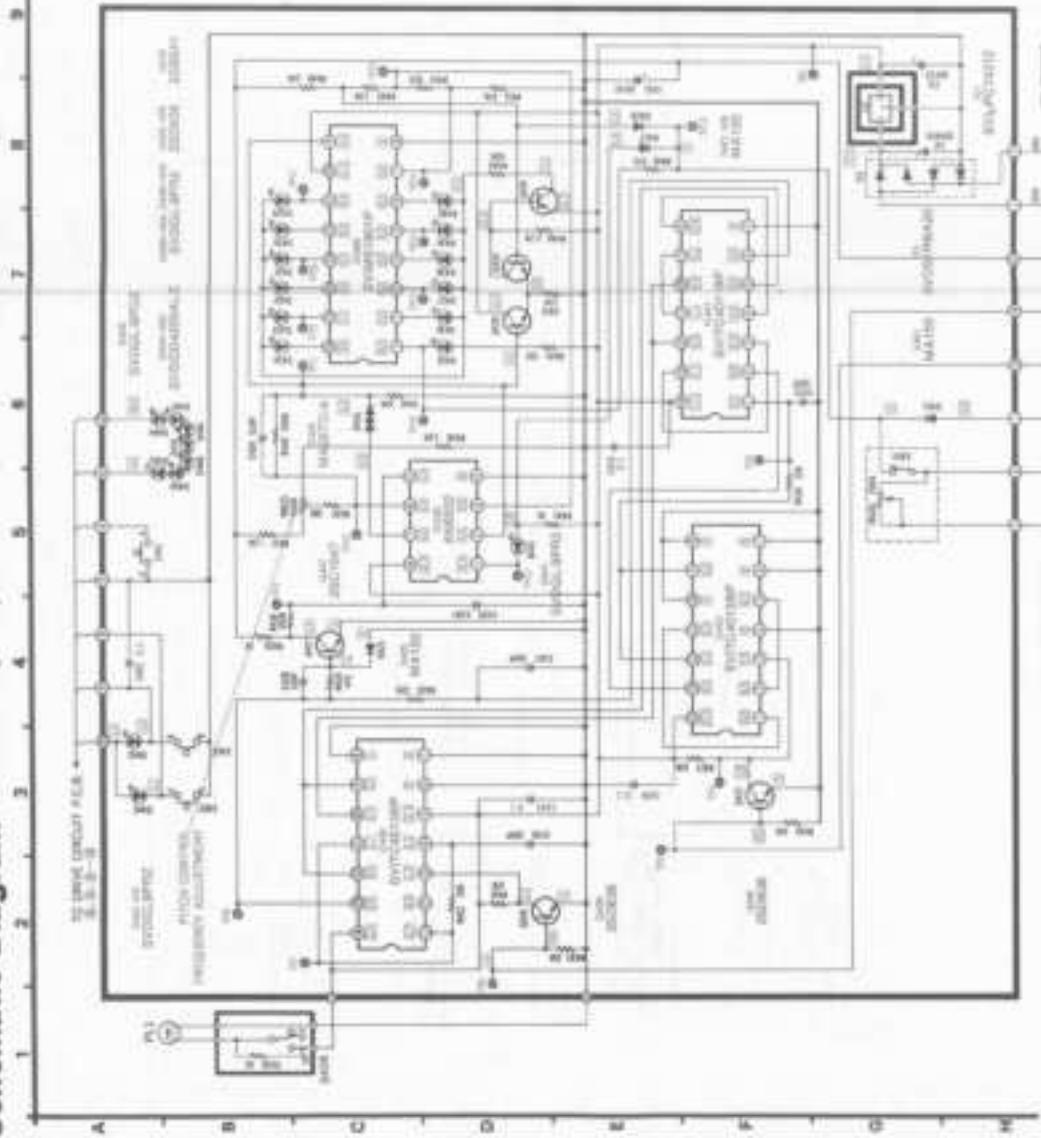
(This schematic diagram may be at any time with the development of new technology.)

DRIVE CIRCUIT BOARD



CONTROL CIRCUIT BOARD

Schematic Diagram (This schematic diagram may be modified at any time with the development of new technology.)



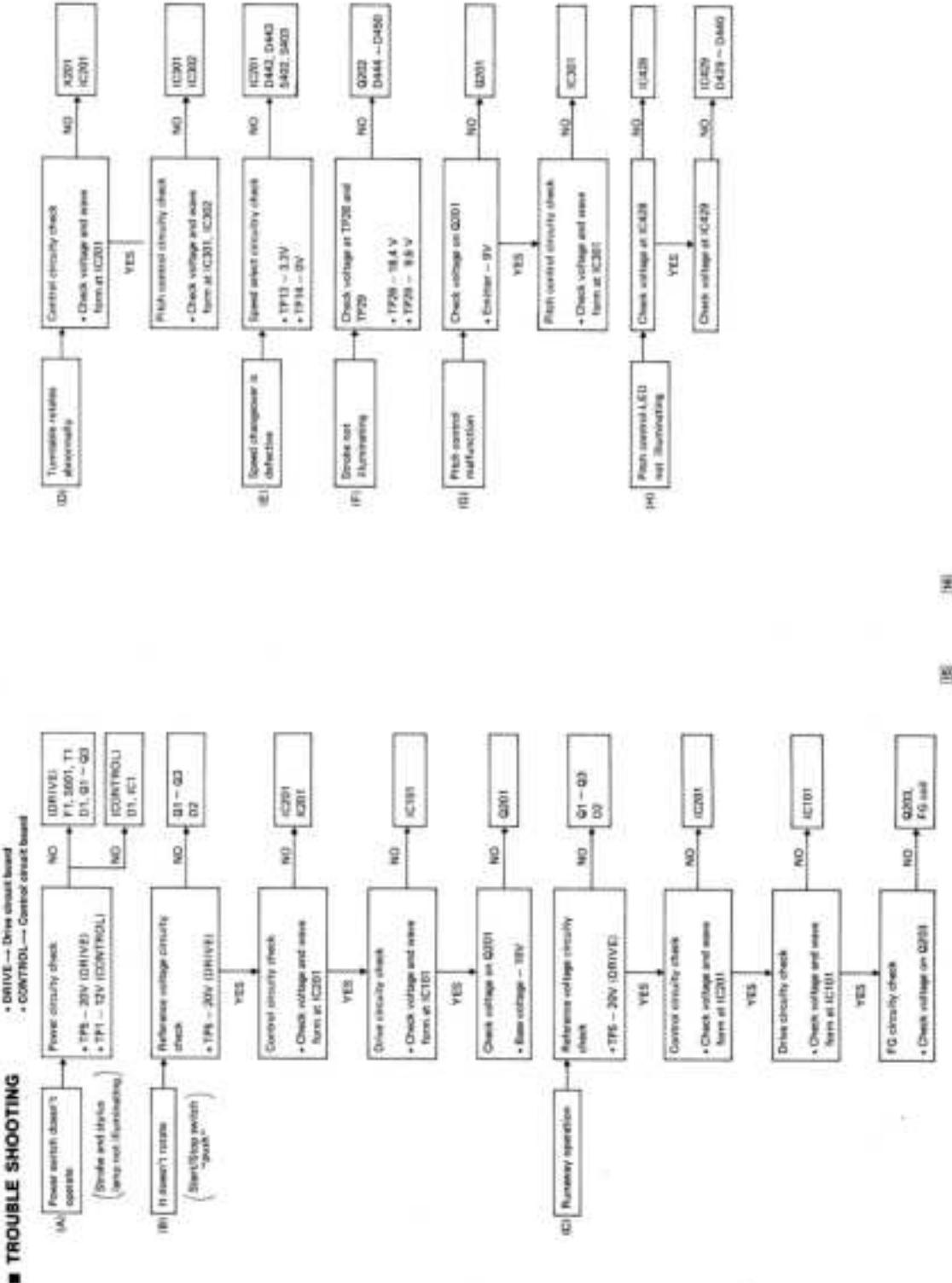
■ TERMINAL GUIDE OF TRANSISTOR AND IC

| | | | | |
|------------|------------|---|------------|---|
| SWLPC14412 | AH454 |  | AH454 |  |
| | AH454 |  | SWLPC4014P |  |
| | AH454 |  | SWLPC4014P |  |
| | AH454 |  | AH454 |  |
| | SWLPC4014P |  | SWLPC4014P |  |

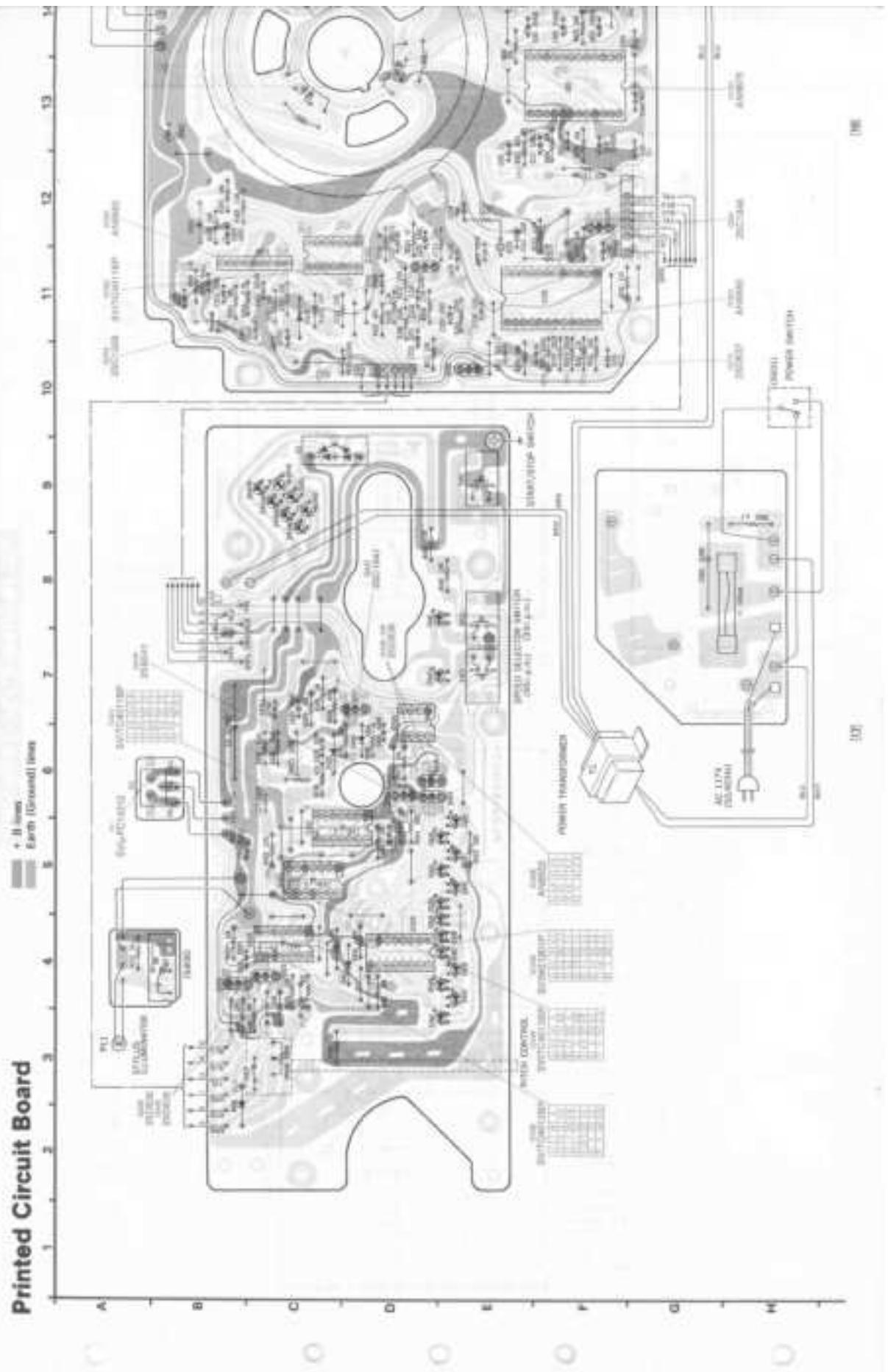
www.ijerpi.org

LEADER PLANTS ARE USEFUL FROM THE PAST, BUT THEY ARE NOT USEFUL FOR THE FUTURE.

SL-1800MK2 SL-1800MK2



Printed Circuit Board



■ REPLACEMENT PARTS LIST

Note: 1. New numbers are indicated in parentheses.
 Please use old part numbers for now.
 2. A. indicates the parts were supplied by
 the manufacturer for test.
 3. B. indicates 50~100%
 4. C. indicates 100% (100%)

| Ref. No. | Ref. No. | | Part No. | Description |
|----------|----------|-----|----------|-------------|
| | QTY | QTY | | |
| 1 | 1 | 1 | 1 | 100-1000 |
| 2 | 1 | 1 | 1 | 100-1000 |
| 3 | 1 | 1 | 1 | 100-1000 |
| 4 | 1 | 1 | 1 | 100-1000 |
| 5 | 1 | 1 | 1 | 100-1000 |
| 6 | 1 | 1 | 1 | 100-1000 |
| 7 | 1 | 1 | 1 | 100-1000 |
| 8 | 1 | 1 | 1 | 100-1000 |
| 9 | 1 | 1 | 1 | 100-1000 |
| 10 | 1 | 1 | 1 | 100-1000 |
| 11 | 1 | 1 | 1 | 100-1000 |
| 12 | 1 | 1 | 1 | 100-1000 |
| 13 | 1 | 1 | 1 | 100-1000 |
| 14 | 1 | 1 | 1 | 100-1000 |
| 15 | 1 | 1 | 1 | 100-1000 |
| 16 | 1 | 1 | 1 | 100-1000 |
| 17 | 1 | 1 | 1 | 100-1000 |
| 18 | 1 | 1 | 1 | 100-1000 |
| 19 | 1 | 1 | 1 | 100-1000 |
| 20 | 1 | 1 | 1 | 100-1000 |
| 21 | 1 | 1 | 1 | 100-1000 |
| 22 | 1 | 1 | 1 | 100-1000 |
| 23 | 1 | 1 | 1 | 100-1000 |
| 24 | 1 | 1 | 1 | 100-1000 |
| 25 | 1 | 1 | 1 | 100-1000 |
| 26 | 1 | 1 | 1 | 100-1000 |
| 27 | 1 | 1 | 1 | 100-1000 |
| 28 | 1 | 1 | 1 | 100-1000 |
| 29 | 1 | 1 | 1 | 100-1000 |
| 30 | 1 | 1 | 1 | 100-1000 |
| 31 | 1 | 1 | 1 | 100-1000 |
| 32 | 1 | 1 | 1 | 100-1000 |
| 33 | 1 | 1 | 1 | 100-1000 |
| 34 | 1 | 1 | 1 | 100-1000 |
| 35 | 1 | 1 | 1 | 100-1000 |
| 36 | 1 | 1 | 1 | 100-1000 |
| 37 | 1 | 1 | 1 | 100-1000 |
| 38 | 1 | 1 | 1 | 100-1000 |
| 39 | 1 | 1 | 1 | 100-1000 |
| 40 | 1 | 1 | 1 | 100-1000 |
| 41 | 1 | 1 | 1 | 100-1000 |
| 42 | 1 | 1 | 1 | 100-1000 |
| 43 | 1 | 1 | 1 | 100-1000 |
| 44 | 1 | 1 | 1 | 100-1000 |
| 45 | 1 | 1 | 1 | 100-1000 |
| 46 | 1 | 1 | 1 | 100-1000 |
| 47 | 1 | 1 | 1 | 100-1000 |
| 48 | 1 | 1 | 1 | 100-1000 |
| 49 | 1 | 1 | 1 | 100-1000 |
| 50 | 1 | 1 | 1 | 100-1000 |
| 51 | 1 | 1 | 1 | 100-1000 |
| 52 | 1 | 1 | 1 | 100-1000 |
| 53 | 1 | 1 | 1 | 100-1000 |
| 54 | 1 | 1 | 1 | 100-1000 |
| 55 | 1 | 1 | 1 | 100-1000 |
| 56 | 1 | 1 | 1 | 100-1000 |
| 57 | 1 | 1 | 1 | 100-1000 |
| 58 | 1 | 1 | 1 | 100-1000 |
| 59 | 1 | 1 | 1 | 100-1000 |
| 60 | 1 | 1 | 1 | 100-1000 |
| 61 | 1 | 1 | 1 | 100-1000 |
| 62 | 1 | 1 | 1 | 100-1000 |
| 63 | 1 | 1 | 1 | 100-1000 |
| 64 | 1 | 1 | 1 | 100-1000 |
| 65 | 1 | 1 | 1 | 100-1000 |
| 66 | 1 | 1 | 1 | 100-1000 |
| 67 | 1 | 1 | 1 | 100-1000 |
| 68 | 1 | 1 | 1 | 100-1000 |
| 69 | 1 | 1 | 1 | 100-1000 |
| 70 | 1 | 1 | 1 | 100-1000 |
| 71 | 1 | 1 | 1 | 100-1000 |
| 72 | 1 | 1 | 1 | 100-1000 |
| 73 | 1 | 1 | 1 | 100-1000 |
| 74 | 1 | 1 | 1 | 100-1000 |
| 75 | 1 | 1 | 1 | 100-1000 |
| 76 | 1 | 1 | 1 | 100-1000 |
| 77 | 1 | 1 | 1 | 100-1000 |
| 78 | 1 | 1 | 1 | 100-1000 |
| 79 | 1 | 1 | 1 | 100-1000 |
| 80 | 1 | 1 | 1 | 100-1000 |
| 81 | 1 | 1 | 1 | 100-1000 |
| 82 | 1 | 1 | 1 | 100-1000 |
| 83 | 1 | 1 | 1 | 100-1000 |
| 84 | 1 | 1 | 1 | 100-1000 |
| 85 | 1 | 1 | 1 | 100-1000 |
| 86 | 1 | 1 | 1 | 100-1000 |
| 87 | 1 | 1 | 1 | 100-1000 |
| 88 | 1 | 1 | 1 | 100-1000 |
| 89 | 1 | 1 | 1 | 100-1000 |
| 90 | 1 | 1 | 1 | 100-1000 |
| 91 | 1 | 1 | 1 | 100-1000 |
| 92 | 1 | 1 | 1 | 100-1000 |
| 93 | 1 | 1 | 1 | 100-1000 |
| 94 | 1 | 1 | 1 | 100-1000 |
| 95 | 1 | 1 | 1 | 100-1000 |
| 96 | 1 | 1 | 1 | 100-1000 |
| 97 | 1 | 1 | 1 | 100-1000 |
| 98 | 1 | 1 | 1 | 100-1000 |
| 99 | 1 | 1 | 1 | 100-1000 |
| 100 | 1 | 1 | 1 | 100-1000 |
| 101 | 1 | 1 | 1 | 100-1000 |
| 102 | 1 | 1 | 1 | 100-1000 |
| 103 | 1 | 1 | 1 | 100-1000 |
| 104 | 1 | 1 | 1 | 100-1000 |
| 105 | 1 | 1 | 1 | 100-1000 |
| 106 | 1 | 1 | 1 | 100-1000 |
| 107 | 1 | 1 | 1 | 100-1000 |
| 108 | 1 | 1 | 1 | 100-1000 |
| 109 | 1 | 1 | 1 | 100-1000 |
| 110 | 1 | 1 | 1 | 100-1000 |
| 111 | 1 | 1 | 1 | 100-1000 |
| 112 | 1 | 1 | 1 | 100-1000 |
| 113 | 1 | 1 | 1 | 100-1000 |
| 114 | 1 | 1 | 1 | 100-1000 |
| 115 | 1 | 1 | 1 | 100-1000 |
| 116 | 1 | 1 | 1 | 100-1000 |
| 117 | 1 | 1 | 1 | 100-1000 |
| 118 | 1 | 1 | 1 | 100-1000 |
| 119 | 1 | 1 | 1 | 100-1000 |
| 120 | 1 | 1 | 1 | 100-1000 |
| 121 | 1 | 1 | 1 | 100-1000 |
| 122 | 1 | 1 | 1 | 100-1000 |
| 123 | 1 | 1 | 1 | 100-1000 |
| 124 | 1 | 1 | 1 | 100-1000 |
| 125 | 1 | 1 | 1 | 100-1000 |
| 126 | 1 | 1 | 1 | 100-1000 |
| 127 | 1 | 1 | 1 | 100-1000 |
| 128 | 1 | 1 | 1 | 100-1000 |
| 129 | 1 | 1 | 1 | 100-1000 |
| 130 | 1 | 1 | 1 | 100-1000 |
| 131 | 1 | 1 | 1 | 100-1000 |
| 132 | 1 | 1 | 1 | 100-1000 |
| 133 | 1 | 1 | 1 | 100-1000 |
| 134 | 1 | 1 | 1 | 100-1000 |
| 135 | 1 | 1 | 1 | 100-1000 |
| 136 | 1 | 1 | 1 | 100-1000 |
| 137 | 1 | 1 | 1 | 100-1000 |
| 138 | 1 | 1 | 1 | 100-1000 |
| 139 | 1 | 1 | 1 | 100-1000 |
| 140 | 1 | 1 | 1 | 100-1000 |
| 141 | 1 | 1 | 1 | 100-1000 |
| 142 | 1 | 1 | 1 | 100-1000 |
| 143 | 1 | 1 | 1 | 100-1000 |
| 144 | 1 | 1 | 1 | 100-1000 |
| 145 | 1 | 1 | 1 | 100-1000 |
| 146 | 1 | 1 | 1 | 100-1000 |
| 147 | 1 | 1 | 1 | 100-1000 |
| 148 | 1 | 1 | 1 | 100-1000 |
| 149 | 1 | 1 | 1 | 100-1000 |
| 150 | 1 | 1 | 1 | 100-1000 |
| 151 | 1 | 1 | 1 | 100-1000 |
| 152 | 1 | 1 | 1 | 100-1000 |
| 153 | 1 | 1 | 1 | 100-1000 |
| 154 | 1 | 1 | 1 | 100-1000 |
| 155 | 1 | 1 | 1 | 100-1000 |
| 156 | 1 | 1 | 1 | 100-1000 |
| 157 | 1 | 1 | 1 | 100-1000 |
| 158 | 1 | 1 | 1 | 100-1000 |
| 159 | 1 | 1 | 1 | 100-1000 |
| 160 | 1 | 1 | 1 | 100-1000 |
| 161 | 1 | 1 | 1 | 100-1000 |
| 162 | 1 | 1 | 1 | 100-1000 |
| 163 | 1 | 1 | 1 | 100-1000 |
| 164 | 1 | 1 | 1 | 100-1000 |
| 165 | 1 | 1 | 1 | 100-1000 |
| 166 | 1 | 1 | 1 | 100-1000 |
| 167 | 1 | 1 | 1 | 100-1000 |
| 168 | 1 | 1 | 1 | 100-1000 |
| 169 | 1 | 1 | 1 | 100-1000 |
| 170 | 1 | 1 | 1 | 100-1000 |
| 171 | 1 | 1 | 1 | 100-1000 |
| 172 | 1 | 1 | 1 | 100-1000 |
| 173 | 1 | 1 | 1 | 100-1000 |
| 174 | 1 | 1 | 1 | 100-1000 |
| 175 | 1 | 1 | 1 | 100-1000 |
| 176 | 1 | 1 | 1 | 100-1000 |
| 177 | 1 | 1 | 1 | 100-1000 |
| 178 | 1 | 1 | 1 | 100-1000 |
| 179 | 1 | 1 | 1 | 100-1000 |
| 180 | 1 | 1 | 1 | 100-1000 |
| 181 | 1 | 1 | 1 | 100-1000 |
| 182 | 1 | 1 | 1 | 100-1000 |
| 183 | 1 | 1 | 1 | 100-1000 |
| 184 | 1 | 1 | 1 | 100-1000 |
| 185 | 1 | 1 | 1 | 100-1000 |
| 186 | 1 | 1 | 1 | 100-1000 |
| 187 | 1 | 1 | 1 | 100-1000 |
| 188 | 1 | 1 | 1 | 100-1000 |
| 189 | 1 | 1 | 1 | 100-1000 |
| 190 | 1 | 1 | 1 | 100-1000 |
| 191 | 1 | 1 | 1 | 100-1000 |
| 192 | 1 | 1 | 1 | 100-1000 |
| 193 | 1 | 1 | 1 | 100-1000 |
| 194 | 1 | 1 | 1 | 100-1000 |
| 195 | 1 | 1 | 1 | 100-1000 |
| 196 | 1 | 1 | 1 | 100-1000 |
| 197 | 1 | 1 | 1 | 100-1000 |
| 198 | 1 | 1 | 1 | 100-1000 |
| 199 | 1 | 1 | 1 | 100-1000 |
| 200 | 1 | 1 | 1 | 100-1000 |
| 201 | 1 | 1 | 1 | 100-1000 |
| 202 | 1 | 1 | 1 | 100-1000 |
| 203 | 1 | 1 | 1 | 100-1000 |
| 204 | 1 | 1 | 1 | 100-1000 |
| 205 | 1 | 1 | 1 | 100-1000 |
| 206 | 1 | 1 | 1 | 100-1000 |
| 207 | 1 | 1 | 1 | 100-1000 |
| 208 | 1 | 1 | 1 | 100-1000 |
| 209 | 1 | 1 | 1 | 100-1000 |
| 210 | 1 | 1 | 1 | 100-1000 |
| 211 | 1 | 1 | 1 | 100-1000 |
| 212 | 1 | 1 | 1 | 100-1000 |
| 213 | 1 | 1 | 1 | 100-1000 |
| 214 | 1 | 1 | 1 | 100-1000 |
| 215 | 1 | 1 | 1 | 100-1000 |
| 216 | 1 | 1 | 1 | 100-1000 |
| 217 | 1 | 1 | 1 | 100-1000 |
| 218 | 1 | 1 | 1 | 100-1000 |
| 219 | 1 | 1 | 1 | 100-1000 |
| 220 | 1 | 1 | 1 | 100-1000 |
| 221 | 1 | 1 | 1 | 100-1000 |
| 222 | 1 | 1 | 1 | 100-1000 |
| 223 | 1 | 1 | 1 | 100-1000 |
| 224 | 1 | 1 | 1 | 100-1000 |
| 225 | 1 | 1 | 1 | 100-1000 |
| 226 | 1 | 1 | 1 | 100-1000 |
| 227 | 1 | 1 | 1 | 100-1000 |
| 228 | 1 | 1 | 1 | 100-1000 |
| 229 | 1 | 1 | 1 | 100-1000 |
| 230 | 1 | 1 | 1 | 100-1000 |
| 231 | 1 | 1 | 1 | 100-1000 |
| 232 | 1 | 1 | 1 | 100-1000 |
| 233 | 1 | 1 | 1 | 100-1000 |
| 234 | 1 | 1 | 1 | 100-1000 |
| 235 | 1 | 1 | 1 | 100-1000 |
| 236 | 1 | 1 | 1 | 100-1000 |
| 237 | 1 | 1 | 1 | 100-1000 |
| 238 | 1 | 1 | 1 | 100-1000 |
| 239 | 1 | 1 | 1 | 100-1000 |
| 240 | 1 | 1 | 1 | 100-1000 |
| 241 | 1 | 1 | 1 | 100-1000 |
| 242 | 1 | 1 | 1 | 100-1000 |
| 243 | 1 | 1 | 1 | 100-1000 |
| 244 | 1 | 1 | 1 | 100-1000 |
| 245 | 1 | 1 | 1 | 100-1000 |
| 246 | 1 | 1 | 1 | 100-1000 |
| 247 | 1 | 1 | 1 | 100-1000 |
| 248 | 1 | 1 | 1 | 100-1000 |
| 249 | 1 | 1 | 1 | 100-1000 |
| 250 | 1 | 1 | 1 | 100-1000 |
| 251 | 1 | 1 | 1 | 100-1000 |
| 252 | 1 | 1 | 1 | 100-1000 |
| 253 | 1 | 1 | 1 | 100-1000 |
| 254 | 1 | 1 | | |

■ REPLACEMENT PARTS LIST (Electrical)

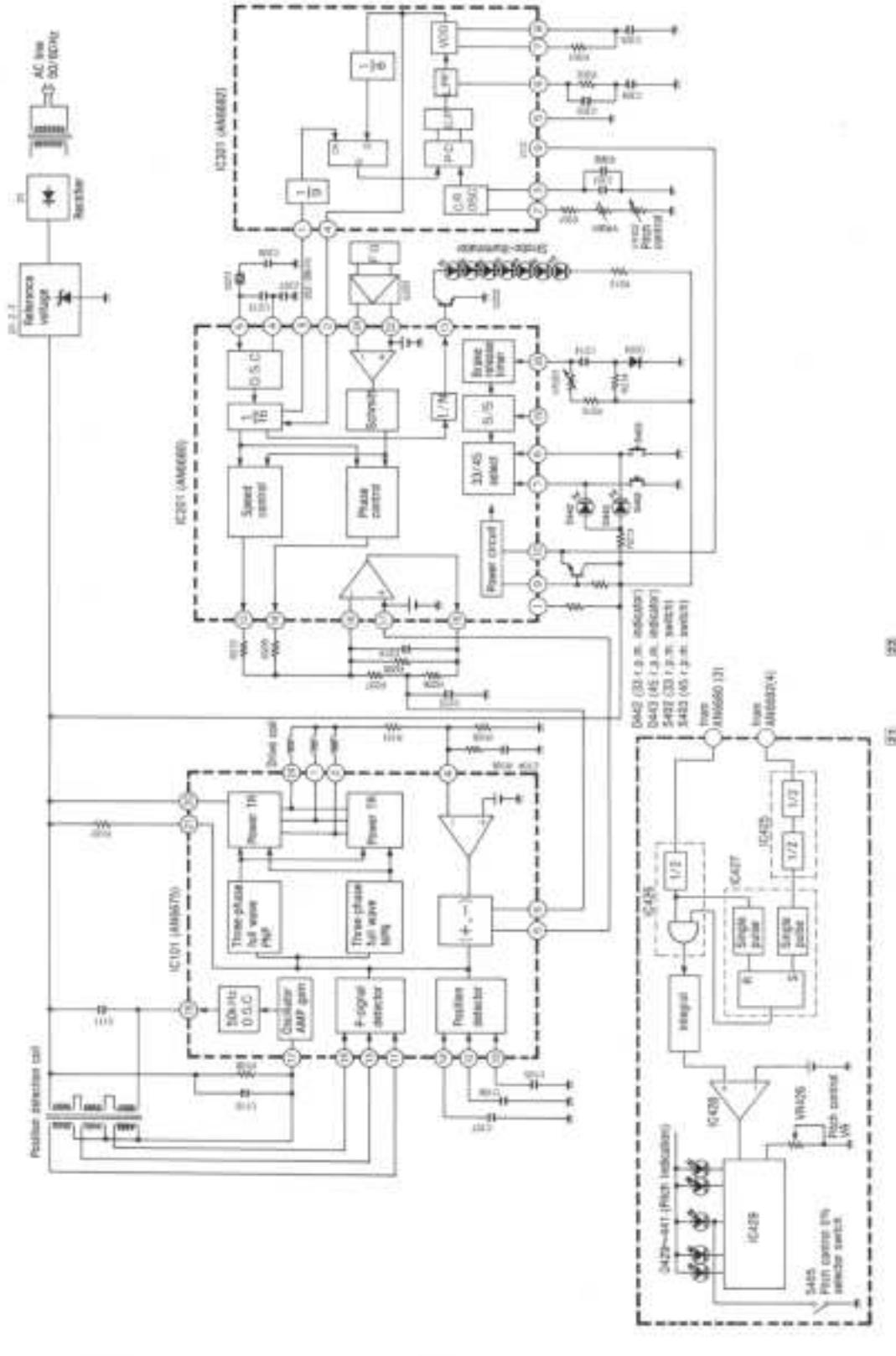
- Notes:**
- Part numbers are indicated on most mechanical parts.
Please use this part number for parts orders.
 - △ indicates that only parts specified by the manufacturer be used for safety.
(M) → (M), (MC) → (MC)
 - SL-1800MK2 (M) → (M), SL-1800MK2 (MC) → (MC)

| Ref. No. | Part No. | Part Name & Description | Ref. No. | Part No. | Part Name & Description |
|----------------------------|----------------|--|-----------|--------------|------------------------------|
| INTEGRATED CIRCUITS | | | | | |
| IC1 | SV11PC14312 | Integrated Circuit | R1 | ERD25FJ582 | Carbon, 5.6kΩ, 1/W, ± 5% |
| IC101 | AN6675 | Integrated Circuit | R2 | ERD25FJ482 | Carbon, 8.0kΩ, 1/W, ± 5% |
| IC201 | AN6680 | Integrated Circuit | R3 | ERD25FJ272 | Carbon, 2.7kΩ, 1/W, ± 5% |
| IC301 | AN6682 | Integrated Circuit | R4 | ERD25FJ581 | Carbon, 560Ω, 1/W, ± 5% |
| IC302, 427 | SV1TC4011BF | Integrated Circuit | R5 | ERD25FJ471 | Carbon, 470Ω, 1/W, ± 5% |
| IC426, 425 | SV1TC4012BF | Integrated Circuit | R101 | ERD25FJ103 | Carbon, 10kΩ, 1/W, ± 5% |
| IC428 | AN6682 | Integrated Circuit | R302 | △ ERX1ANJ417 | Metal Film, 4.7Ω, 1/W, ± 5% |
| IC429 | SV1M319GHT | Integrated Circuit | R303 | ERD25FJ472 | Carbon, 4.7kΩ, 1/W, ± 5% |
| TRANSISTORS | | | R104 | ERD25TJ473 | Carbon, 470Ω, 1/W, ± 5% |
| Q1 | 2SD389A-Q | Transistor | R105 | ERD25TJ183 | Carbon, 10kΩ, 1/W, ± 5% |
| Q2, 3, 402 | 2SD637 | Transistor | R106 | ERD25FJ180 | Carbon, 15Ω, 1/W, ± 5% |
| Q201 | 2SC1646-R | Transistor | R107 | △ ERX1ANJ418 | Metal Film, 1.5Ω, 1/W, ± 5% |
| Q203 | 2SC1328-T | Transistor | R108 | ERD25FJ103 | Carbon, 10kΩ, 1/W, ± 5% |
| Q425, 426, 428 | 2SD638 | Transistor | R109, 110 | △ ERX1ANJ417 | Metal Film, 4.7Ω, 1/W, ± 5% |
| Q427 | 2SC1047-C | Transistor | R201 | ERG1ANU651 | Metal Oxide, 560Ω, 1/W, ± 5% |
| Q430 | 2SD8841 | Transistor | R202 | ERD25FJ183 | Carbon, 10kΩ, 1/W, ± 5% |
| DIODES | | | R203 | ERD25FJ470 | Carbon, 47Ω, 1/W, ± 5% |
| D1, 3 | △ EV051RBA40 | Rectifier | R204 | ERD25FJ272 | Carbon, 2.7kΩ, 1/W, ± 5% |
| D2, 301 | MA1051 | Diode, Zener 5.1V | R205 | ERD25TJ124 | Carbon, 120Ω, 1/W, ± 5% |
| D204, 425, 427 | MA1051 | Diode | R206 | ERD25TJ183 | Carbon, 10Ω, 1/W, ± 5% |
| 428, 461 | MA20TD-A | Diode | R207 | ERD25TJ583 | Carbon, 500Ω, 1/W, ± 5% |
| 429, 434, 442 | SV0GL-BPZ2 | Light-Emitting Diode | R208 | ERD25TJ224 | Carbon, 220Ω, 1/W, ± 5% |
| 436, 441, 443 | SV0GL-BPZ2 | Light-Emitting Diode | R209 | ERD25TJ154 | Carbon, 1500Ω, 1/W, ± 5% |
| D435 | SV0GL-BPZ2 | Light-Emitting Diode | R210 | ERD25FJ223 | Carbon, 22Ω, 1/W, ± 5% |
| D444, 445, 446, | EV0GL-BPZ2 | Light-Emitting Diode | R211 | ERD25FJ183 | Carbon, 10kΩ, 1/W, ± 5% |
| 447, 448, 449, | EV0GD4205ALC | Light-Emitting Diode | R212 | ERD25FJ131 | Carbon, 120Ω, 1/W, ± 5% |
| 450 | | | R213 | ERD25FJ132 | Carbon, 1.2MΩ, 1/W, ± 5% |
| CRYSTAL | | | R214 | ERD25TJ223 | Carbon, 22Ω, 1/W, ± 5% |
| X201 | EVQU306115 | Crystal, 4.1932MHz Oscillator | R215 | ERD25FJ103 | Carbon, 10Ω, 1/W, ± 5% |
| VARIABLE RESISTORS | | | R216 | ERD25TJ154 | Carbon, 150Ω, 1/W, ± 5% |
| VR201 | EVL58AA00854 | Braking Adjustment (BRAKE), 50kΩ (B) | R217 | ERD25TJ222 | Carbon, 22Ω, 1/W, ± 5% |
| VR301 | EVMH20A00853 | Adjustment of Pitch Control ±0% (PITCH), 5kΩ (B) | R218 | ERD25FJ102 | Carbon, 10Ω, 1/W, ± 5% |
| VR425 | EVT58AA00852 | Adjustment of Pitch Control Frequency 10A(1), 500Ω (B) | R219 | ERD25FJ332 | Carbon, 3.3kΩ, 1/W, ± 5% |
| VR426 | EVHJKB001A24 | Pitch Control, 20kΩ | R220 | ERD25FJ221 | Carbon, 220Ω, 1/W, ± 5% |
| SWITCHES | | | R221 | ERD25FJ471 | Carbon, 470Ω, 1/W, ± 5% |
| S403 | EVQPSR04K | Switch, Start/Stop | R222 | ERD25FJ391 | Carbon, 390Ω, 1/W, ± 5% |
| S402 | EVQPSR04K | Switch, Speed Selector 123-1/3 r.p.m | R223 | ERD25CKG3301 | Metal Film, 3.3kΩ, 1/W, ± 5% |
| S403 | EVQPSR04K | Switch, Speed Selector 145 r.p.m | R224 | ERD25FJ471 | Carbon, 470Ω, 1/W, ± 5% |
| S406 | SFQSD2MSL-4 | Switch, Stop-Illuminator | R225 | ERD25FJ322 | Carbon, 8.2kΩ, 1/W, ± 5% |
| S601 | △ SFQNS550L-2 | Switch, Power | R226 | ERD25FJ152 | Carbon, 1.5kΩ, 1/W, ± 5% |
| LAMP | | | R227 | ERD25TJ223 | Carbon, 22Ω, 1/W, ± 5% |
| PL1 | SPDN172-01 | Lamp, Stylus-Illuminator | R228 | ERD25TJ103 | Carbon, 10Ω, 1/W, ± 5% |
| TRANSFORMER | | | R229 | ERD25TJ223 | Carbon, 22Ω, 1/W, ± 5% |
| T1 | △ SL180EUSB | Power Transformer | R230 | ERD25FJ103 | Carbon, 10Ω, 1/W, ± 5% |
| FUSE | | | R231 | ERD25FJ103 | Carbon, 10Ω, 1/W, ± 5% |
| F1 | △ KSA2F03N0100 | Fuse, 350mA | R232 | ERD25FJ152 | Carbon, 1.5kΩ, 1/W, ± 5% |
| RESISTORS | | | R233 | ERD25FJ321 | Carbon, 430Ω, 1/W, ± 5% |
| | | | R234 | ERD25FJ471 | Carbon, 470Ω, 1/W, ± 5% |
| | | | R235 | ERD25FJ162 | Carbon, 1kΩ, 1/W, ± 5% |
| | | | R236 | ERD25TJ104 | Carbon, 100Ω, 1/W, ± 5% |
| | | | R237 | ERD25FJ582 | Carbon, 5.6kΩ, 1/W, ± 5% |
| | | | R238 | ERD25TJ492 | Metal Film, 18Ω, 1/W, ± 5% |
| | | | R239 | ERD25TJ492 | Metal Film, 18Ω, 1/W, ± 5% |
| | | | R240 | ERD25TJ493 | Metal Film, 430Ω, 1/W, ± 5% |
| | | | R241 | ERD25FJ103 | Carbon, 10Ω, 1/W, ± 5% |
| | | | R242 | ERD25FJ471 | Carbon, 470Ω, 1/W, ± 5% |
| | | | R243 | ERD25FJ191 | Carbon, 100Ω, 1/W, ± 5% |
| | | | R244 | ERD25FJ481 | Carbon, 680Ω, 1/W, ± 5% |
| | | | R245 | ERD25FJ102 | Carbon, 10Ω, 1/W, ± 5% |
| | | | R246 | ERD25FJ222 | Carbon, 2.7kΩ, 1/W, ± 5% |
| | | | R247 | ERD25TJ133 | Carbon, 12Ω, 1/W, ± 5% |
| | | | R248 | ERD25FJ103 | Carbon, 10Ω, 1/W, ± 5% |
| | | | R249 | ERD25FJ152 | Carbon, 1.5kΩ, 1/W, ± 5% |
| | | | R250 | ERD25FJ321 | Carbon, 430Ω, 1/W, ± 5% |
| | | | R251 | ERD25TJ473 | Carbon, 470Ω, 1/W, ± 5% |
| | | | R252 | ERD25TJ492 | Metal Film, 4.7Ω, 1/W, ± 5% |
| | | | R253 | ERD25TJ492 | Metal Film, 4.7Ω, 1/W, ± 5% |
| | | | R254 | ERD25FJ471 | Carbon, 470Ω, 1/W, ± 5% |
| | | | R255 | ERD25FJ471 | Carbon, 470Ω, 1/W, ± 5% |
| | | | R256 | ERD25FJ471 | Carbon, 470Ω, 1/W, ± 5% |
| | | | R257 | ERD25FJ471 | Carbon, 470Ω, 1/W, ± 5% |
| | | | R258 | ERD25FJ471 | Carbon, 470Ω, 1/W, ± 5% |
| | | | R259 | ERD25FJ471 | Carbon, 470Ω, 1/W, ± 5% |
| | | | R260 | ERD25FJ471 | Carbon, 470Ω, 1/W, ± 5% |
| | | | R261 | ERD25FJ471 | Carbon, 470Ω, 1/W, ± 5% |



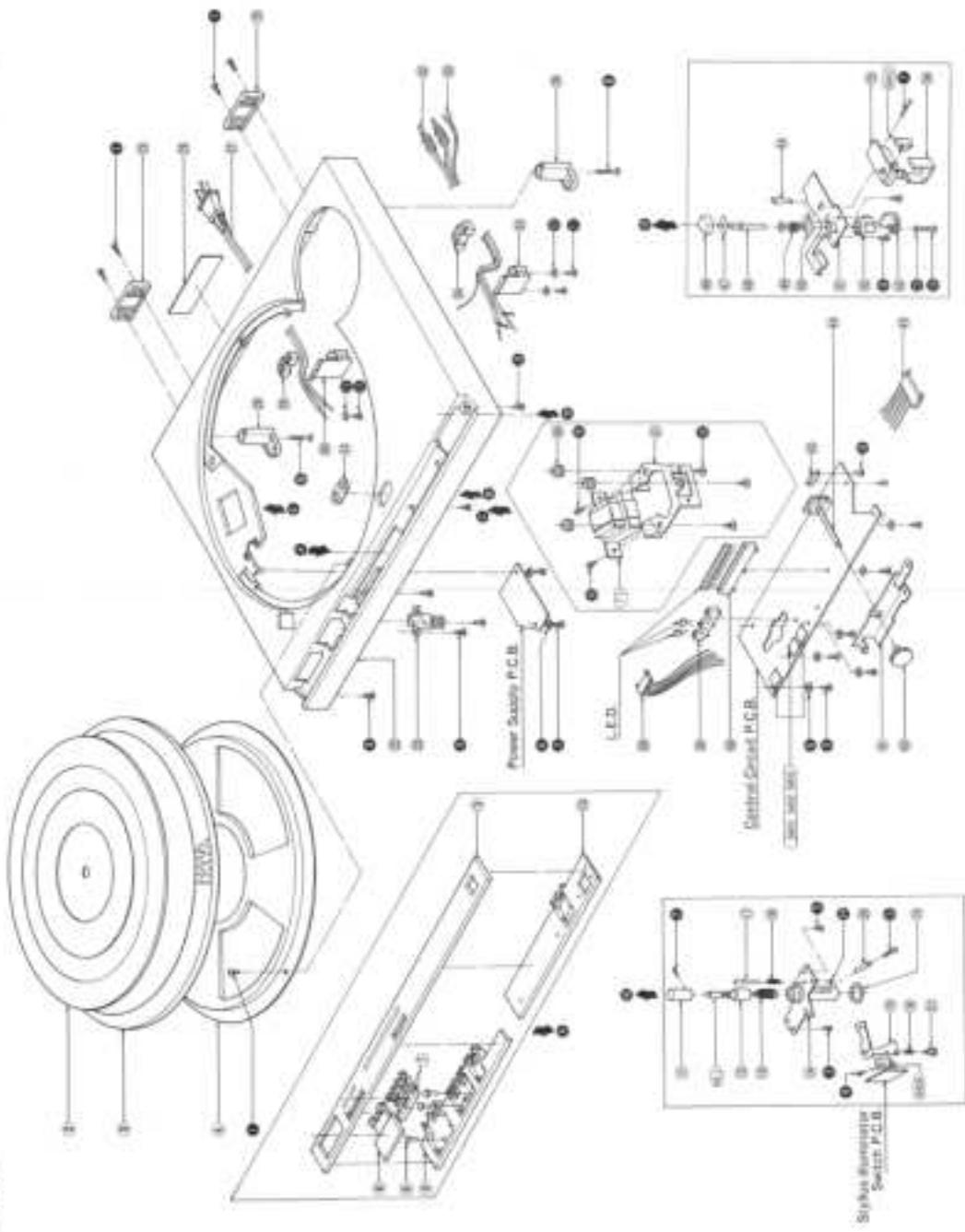
SL-1800MK2 SL-1800MK2

■ BLOCK DIAGRAM

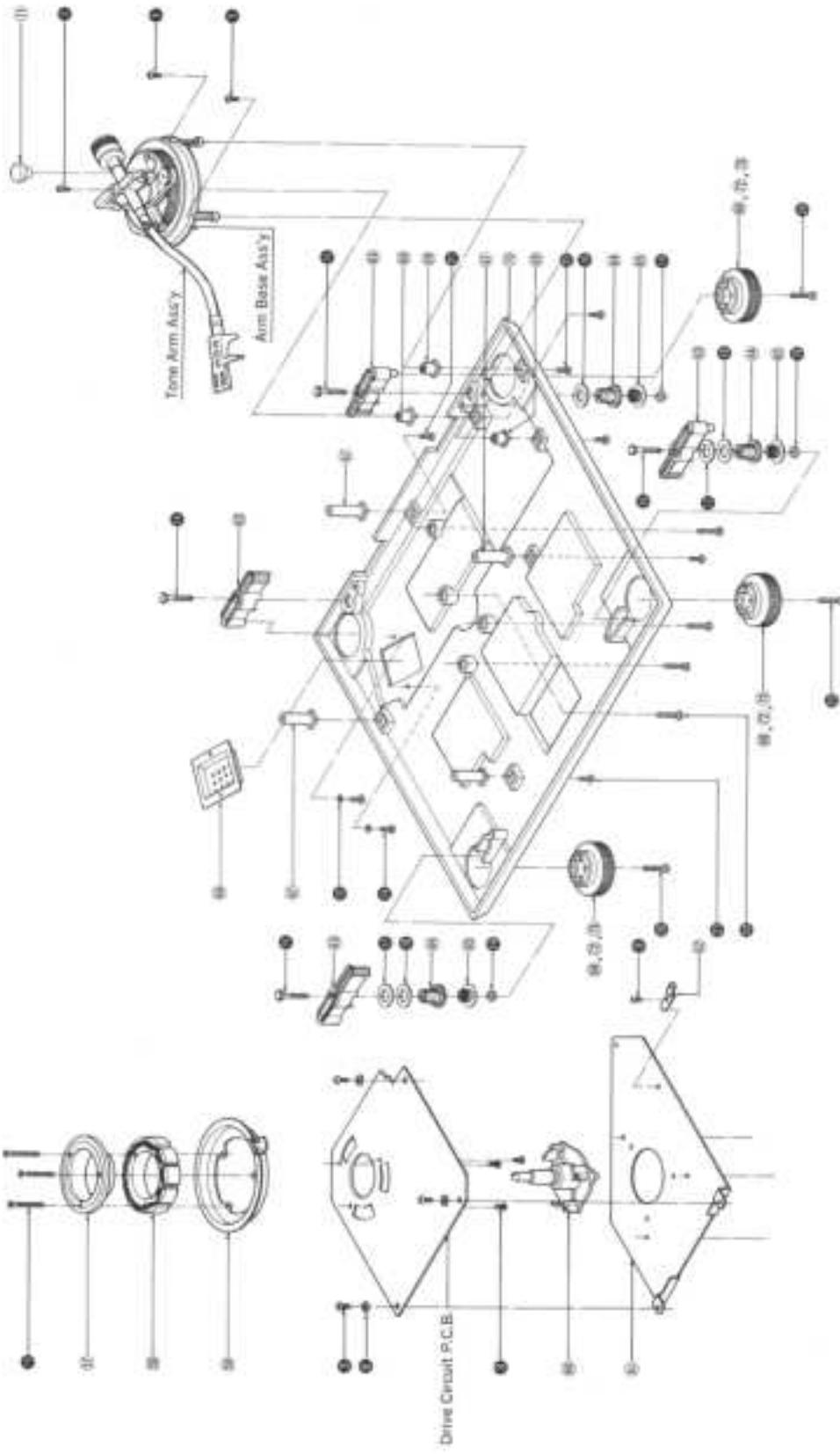


■ EXPLODED VIEWS

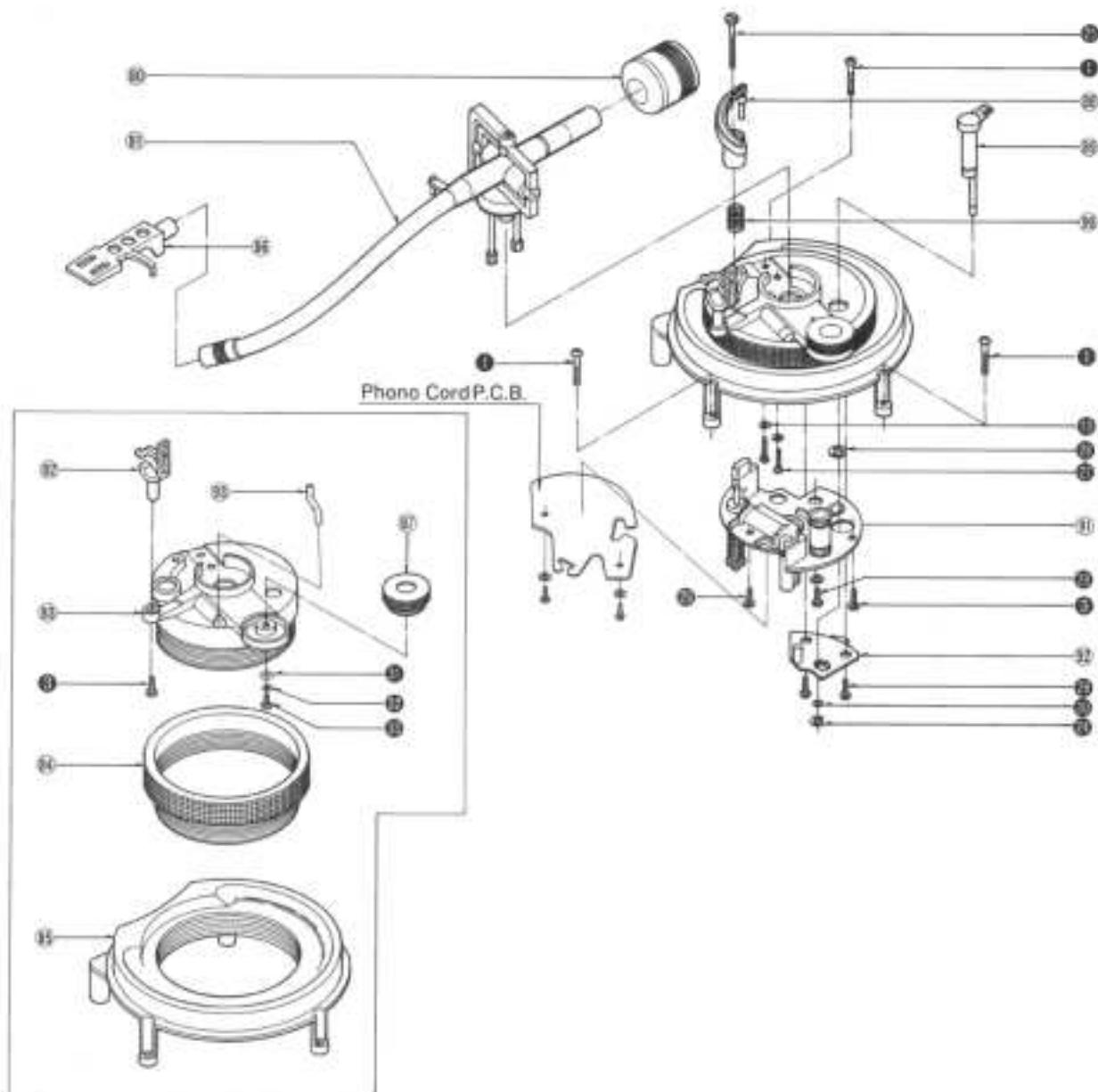
SL-1800MK2 SL-1800MK2



■ EXPLODED VIEWS



■ EXPLODED VIEWS



SL-1800MK2

REPLACEMENT PARTS LIST (Mechanical)

- Notes:**
- Part numbers are indicated on most mechanical parts.
 - Please use this part number for parts orders.
 - △ indicates that only parts specified by the manufacturer be used for safety.
 - SL-1800MK2 (M) → [M], SL-1800MK2 (MC) → [MC]

| Ref. No. | Part No. | Part Name & Description |
|----------------------------------|-------------|---------------------------------------|
| CABINET and CHASSIS PARTS | | |
| 1 | SFAD172-01E | Dust Cover |
| 2 | SFTG172-01 | Turntable Mat |
| 3 | SFTE172-01Z | Turntable |
| 4 | SFUM172-05 | Cover, Turntable |
| 5 | SFUM162-01 | Panel, Operation |
| 6 | SFKT172-01 | Button, Start/Stop Switch |
| 7 | SFKT172-03 | Button, Speed Selector |
| 8 | SFUM172-11 | Pin, Switch |
| 9 | SFUM172-02 | Bracket (A), Operation Panel |
| 10 | SFUM172-03 | Bracket (B), Operation Panel |
| 11 | SFKK172-01 | Cover, Lamp |
| 12 | SFXB172-02 | Bass, Drive |
| 13 | SFQA172-01 | Spring, Drive Bias |
| 14 | SFUP172-01E | Bracket, Plate Assembly |
| 15 | SFUP172-03 | Plate, Lock Operate |
| 16 | SFQA001-02 | Spring, Lock Operation Plate Pin |
| 17 | SFXH172-01 | Pin, Lock Canceler |
| 18 | SFQA530-01 | Spring, Lock Canceler Pin |
| 19 | SFUE172-02 | Rubber |
| 20 | SFXO172-01 | Pin, Guide |
| 21 | SFXU172-05 | Pin, Lock Operation Plate Mfg |
| 22 | SFAC182-01 | Column |
| 23 | SFUM130-01 | Cover, Neon |
| 24 | SFAT172-01A | Hinge Ass'y |
| 25 | SFUM170-07 | Cover, Hinge Ass'y |
| 26 (M) | SFNN182M01 | Name Plate |
| 26 (MC) | SFNN182C01 | Name Plate |
| 27 | KABAYA | AC Cord |
| 28 | SFAZ172-01 | Supporter, insulation |
| 29 | SFUM170-06 | Spacer, AC Cord |
| 30 | SFUM170-05 | Clamp, AC Cord |
| 31 | SFUM172-04 | Ornament, Syria Illuminator |
| 32 (M) | SFD4360M01 | Phone Cord |
| 32 (MC) | SFD4360C01 | Phone Cord |
| 33 | SPEL025-01E | Ground Wire |
| 34 | SFUM170-06 | Spacer, Phone Cord |
| 35 | SFUM170-11 | Clamp, Phone Cord |
| 36 | SFGC132-01 | Spacer (Rubber), Power Transformer |
| 37 | SFUP132-03 | Bracket, Power Transformer |
| 38 | SFDJ172-02E | Connector, 7 Pin |
| 39 | SFUM170-10 | Spacer (A), Speed Selector LED |
| 40 | SFUM172-08 | Spacer (A), Speed Selector LED |
| 41 | SFUP172-06 | Bracket, Pitch Control Knob Plate |
| 42 | SFKT172-04 | Knob, Pitch Control |
| 43 | SFUP132-01 | Bracket, Control Circuit P.C.B. |
| 44 | SFUP172-08 | Bracket, Volume Shaft |
| 45 | SFOU172-03E | Connector, 9 Pin |
| 46 | SFKT172-01 | Button, Power Switch |
| 47 | SFUZ172-03 | Spacer, Power Switch Button |
| 48 | SFKC172-03 | Shaft, Power Switch Button |
| 49 | SFQA172-02 | Spring, Power Switch |
| 50 | SFUP172-04 | Supporter, Power Switch Plate |
| 51 | SFUP172-02E | Bracket, Power Switch Mfg Plate Ass'y |
| 52 | SFUM001-11 | Care, Power Switch |
| 53 | SFUM132-07 | Care, Power Switch |
| 54 | SFUP001-03 | Bracket, Power Switch |
| 55 | SFUM132-06 | Holder, Power Switch |
| 56 | SFUM132-06 | Holder, Power Switch |
| 57 | SFMQG20-01 | Cover, Stator Frame Ass'y |
| 58 | SFMGS20-01A | Stator Frame |
| 59 | SFMZ172-01E | PG Detector Cell Ass'y |
| 60 | SFMZQ20-01E | Shaft, Stator Frame Ass'y |
| 61 | SFUP172-05 | Bracket, Stator Frame Mfg Plate |
| 62 | SFUP172-08 | Bracket, Drive P.C.B. Ass'y |
| 63 | SFUM172-06 | Insulator (A) |
| 64 | SFGA172-01 | Rubber, Insulator |
| 65 | SFQC170-01 | Spring, Insulator |
| 66 | SFUF132-01 | Cover, Power Transformer |
| 67 | SFUM172-12 | Spacer, Clamp |
| 68 | SFUM172-07 | Insulator (B) |
| 69 | SFUM172-13 | Spacer, Tone Arm |
| 70 | SFAU172-01 | Bottom Board |
| 71 | SFGK132-01 | Cap, Rubber |
| 72 | SFGA172-01 | Insulator (C) |

| Ref. No. | Part No. | Part Name & Description |
|--|--------------|---|
| 73 | SFH12172-01 | Felt, Insulator |
| TONE ARM and ARM BASE | | |
| 80 | SFPNG17201E | Balance Weight Ass'y |
| 81 | SFPAM18201K | Tone Arm Ass'y |
| 82 | SFPRT17201K | Arm Rest |
| 83 | SFPKD17203 | Arm Base |
| 84 | SFPKS17201E | Ring, Arm Base Operation |
| 85 | SFPKD17201 | Bracket, Arm Base |
| 86 | SFFCC1001K | Head Shell |
| 87 | SFPAS17205 | Knob, Anti Skate Force Control |
| 88 | SFPRT17202K | Lift Ass'y |
| 89 | SFFZB17202 | Knob, Arm Base Lock |
| 90 | SFGAT29-03 | Spring, Lift Ass'y |
| 91 | SFPAS18201K | Tone Arm Flying Plate Ass'y |
| 92 | SFPZB17202K | Plate, Lock Position Fix |
| 93 | SFPAS13201 | Knob, Arm Lift |
| 94 | SFL12172M01 | Supporter, Power Transformer Read |
| SCREWS, WASHERS, NUT and CIRCLIPS | | |
| ● | XTRN3-88FZ | Screw |
| ● | XSN1713FY | Screw |
| ● | XTRN3-68 | Screw |
| ● | XBN2-148 | Screw |
| ● | XSN2-145 | Screw |
| ● | XWG3 | Washer |
| ● | XTRD4-168 | Screw |
| ● | XTRN4-208 | Screw |
| ● | XTN4+108 | Screw |
| ● | SFX132-02-02 | Screw |
| ● | XTRD3-168FZ | Screw |
| ● | XWG3PZ | Washer |
| ● | XWA3B | Washer |
| ● | XSN3-108 | Screw |
| ● | SFXDQ20-02 | Screw |
| ● | XVGAC3J | Bolt |
| ● | SFXW172-01 | Washer |
| ● | SFXW172-02 | Washer |
| ● | SFX1170-02E | Nut |
| ● | XTRN4-458 | Screw |
| ● | KTVB+14BFN | Screw |
| ● | XTRW3-258 | Screw |
| ● | XTN4+128 | Screw |
| ● | XUC25FT | Circle |
| ● | SFXG05-1 | Screw |
| ● | XUC5FT | Circle |
| ● | XSN3-98 | Screw |
| ● | XTRW3-68 | Screw |
| ● | XTV3-68PN | Screw |
| ● | XWE4A10EW | Washer |
| ● | SFPW17201 | Washer |
| ● | XWD26 | Washer |
| ● | XTRN6+68 | Screw |
| ACCESSORIES | | |
| A1 (M) | SFNLU182M01 | Instruction Book |
| A1 (MC) | SFNLU182C01 | Instruction Book |
| A2 | SFWHE212-01 | Adapter, 60 r.p.m. |
| A3 | SFPW13302 | Nut, Cartridge |
| A4 | SFEW00001 | Washer, Head Shell |
| A5 | SFC2V6601 | Screw, Cartridge |
| A6 | SFPEV9801 | Screw, Cartridge |
| A7 | SFYF05406 | Polyethylene Bag |
| A8 | SFKO135-01 | Overhang Gauge |
| A9 | SFPZ032501 | Sheet Weight |
| A10 | SFYF05406 | Polyethylene Bag |
| PACKINGS | | |
| P1 (M) | SFHPI182M01 | Carton |
| P1 (MC) | SFHPI182C01 | Carton |
| P2 | SFHHT172-01 | Pad, Front |
| P3 | SFRHT172-02 | Pad, Rear |
| P4 | SFYHD172-01 | Pad, Top |
| P5 | SFYHD172-02 | Pad, Turntable |
| P6 | SFYHDX0X0 | Polyethylene Cover, Turntable Unit and Dust Cover |
| P7 | SFYHDX0X0 | Polyethylene Cover, Turntable |