KENWOOD

# KP-2021
# KP-2022

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## SPECIFICATIONS

**DRIVE:** Belt Drive System, **MOTOR:** Outer-rotor hysteresis synchronous, **TURNTABLE:** 12 inch (30 cm) Solid die-cast, aluminum alloy type, **SPEED:** Two speed, 33-1/3 and 45 r.p.m., **WOW & FLUTTER:** Less than 0.08%, **SIGNAL TO NOISE RATIO:** More than 45 dB, **TONE ARM:** Static Balanced Pipe Arm, **TRACKING ERROR:** ±1.5 degrees, **STYLUS FORCE VARIABLE RANGE:** 0 to 4 grams, **CARTRIDGE:** Moving Magnet Type, FREQUENCY RESPONSE: 20 to 20,000 Hz, OUTPUT BALANCE: within ±1 dB, CHANNEL SEPARATION: More than 25 dB at 1,000 Hz, IMPEDANCE: 5 Kohms, OUTPUT VOLTAGE: 5 mV (1,000 Hz, 5 cm/sec.), LOAD IMPEDANCE: 50 Kohms, RECOMMENDED STYLUS FORCE: 3 ± 0.5 grams, STYLUS: 0.7 mil Diamond stylus, COMPLIANCE: 7 x $10^{-6}$ cm/dyne, REPLACEMENT STYLUS: Type N-34, **SPECIAL MECHANISM:** Oil damped arm elevation, **SUPPLIED ACCESSORIES:** EP Adaptor, Motor oil, **POWER REQUIREMENTS:** AC 110 ~ 120 V/220 ~ 240 V 50/60 Hz, **POWER CONSUMPTION:** 60 Hz 14W, 50 Hz 15.5W, **DIMENSIONS:** 6-1/2" (H) x 18-1/8" (W) x 16-1/8" (D), **WEIGHT:** 13.2 lbs.

## SPECIFICATIONS

| | |
|---|---|
| DRIVE: | Belt Drive System |
| MOTOR: | 4 Pole Semi-Synchronous Motor |
| TURNTABLE: | 12 inch Solid die-cast aluminium alloy type. |
| SPEED: | Two Speed 33-1/3 & 45 rpm |
| WOW & FLUTTER: | Less than 0.08% |
| SIGNAL TO NOISE RATIO: | More than 45 dB |
| TONE ARM: | Static Balanced Pipe Arm. 4-terminal plug-in type, Lateral Balancer |
| TRACKING ERROR: | ±1.5 degrees |
| STYLUS PRESSURE VARIABLE RANGE: | 0 to 4 g |
| CARTRIDGE: | Moving Magnet type |
| FREQUENCY RESPONSE: | 20 to 20,000 Hz |
| OUTPUT BALANCE: | Within ±1 dB |
| CHANNEL SEPATATION: | More than 25 dB at 1,000 Hz |
| IMPEDANCE: | 5 kΩ |
| OUTPUT VOLTAGE: | 5 mV (1,000 Hz, 5 cm/sec.) |
| LOAD IMPEDANCE: | 50 kΩ |
| RECOMMENDED STYLUS PRESSURE: | 3 g |
| STYLUS: | 0.7 mil Diamond Stylus. |
| COMPLIANCE: | 7 x $10^{-6}$ cm/dyne |
| REPLACEMENT STYLUS: | TYPE N-34 |
| SPECIAL MECHANISM: | Auto-return, Auto-cut, Arm elevation. |
| SUPPLIED ACCESSORIES: | EP Adaptor, Motor oil |
| POWER REQUIREMENTS: | AC 110-120 V/220-240 V 50/60 Hz |
| POWER CONSUMPTION: | 8 W |
| DIMENTIONS: | 6-11/16" (H) x 17-9/16" (W) x 13-5/8" (D) |
| WEIGHT: | 14.3 lbs. |

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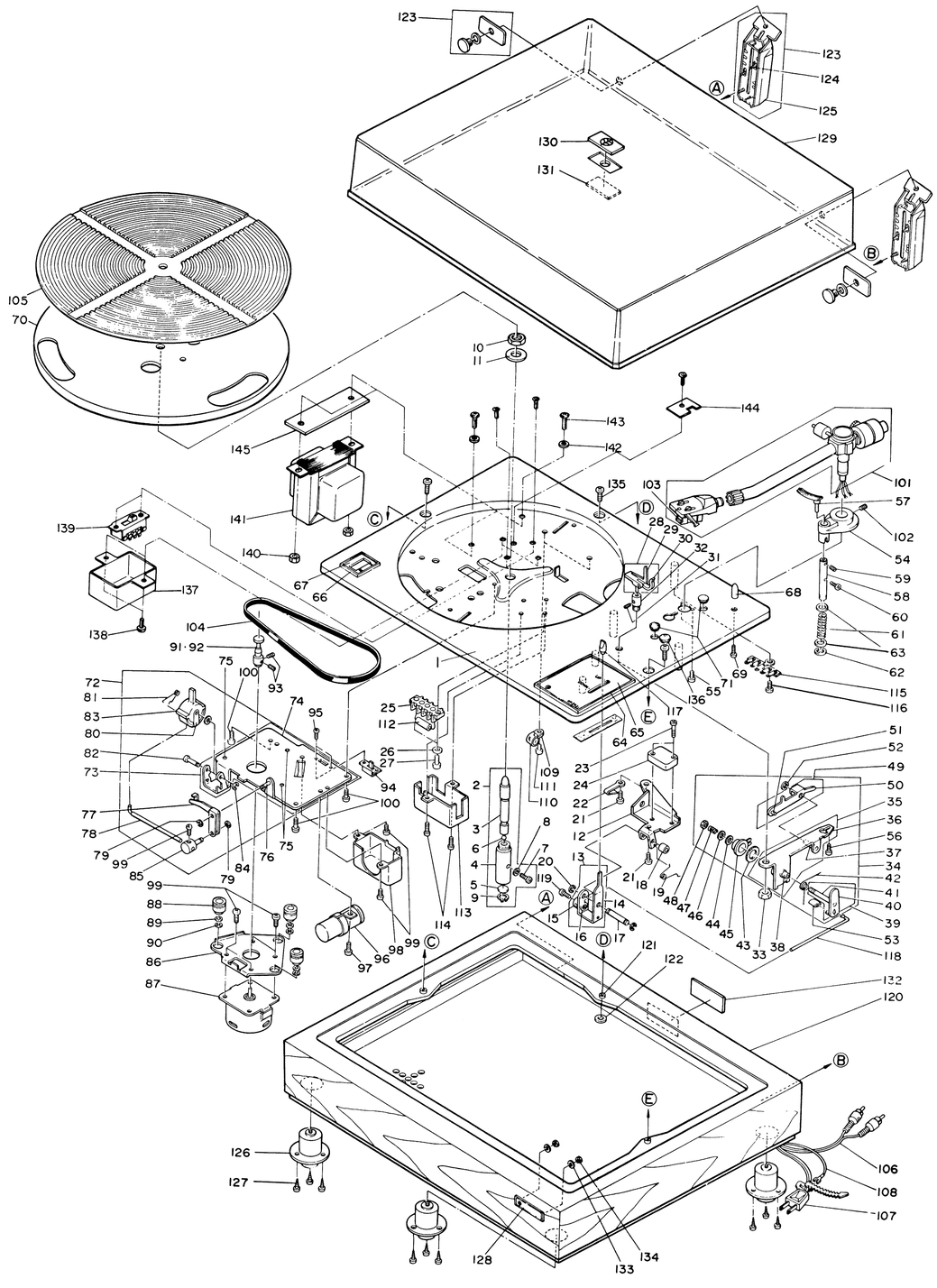
# STEREO RECORD PLAYER

# KP-2021




| Ref. No. | Description | Part No. |
|---|---|---|
| 1 | Panel | A20-0383-05 |
| 2 | Turntable Shaft and Bearing Assembly | D23-0071-04 |
| 3 | Turntable Shaft | D21-0151-04 |
| 4 | Turntable Bearing | D23-0070-04 |
| 5 | Thrust Washer | J09-0044-04 |
| 6 | Steel Ball | D90-0001-04 |
| 7 | Setscrew | N09-0059-04 |
| 8 | Spring Washer | N16-0030-46 |
| 9 | Ring | N24-2080-46 |
| 10 | Nut | N14-0048-04 |
| 11 | Flat Head Washer | N19-0142-04 |
| 12 | Chassis for Play Lever | A11-0032-03 |
| 13 | Play Lever Assembly | D10-0060-04 |
| 14 | Plug Lever | D10-0061-24 |
| 15 | Boss | J32-0121-04 |
| 16 | Flat Head Washer | N15-1030-11 |
| 17 | Play Lever Shaft | D21-0171-04 |
| 18 | Collar | J31-0066-04 |
| 19 | Tension Spring | G01-0109-14 |
| 20 | E Shaped Washer | N24-3030-60 |
| 21 | Small Pan Head Screw | N30-3006-11 |
| 22 | Lead Holder | J21-0392-04 |
| 23 | Small Pan Head Screw | N30-3012-11 |
| 24 | Power Switch | S49-1006-05 |
| 25 | Lug-Type Terminal Strips (3P) | E20-0306-05 |
| 26 | Flat Head Screw | N15-1030-11 |
| 27 | Small Pan Head Screw | N30-3010-11 |
| 28 | Armrest Assembly | D39-0012-04 |
| 29 | Armrest | D39-0009-13 |
| 30 | Armrest Cramper | J11-0006-04 |
| 31 | Setscrew | N73-2603-11 |
| 32 | Armrest Base | J09-0046-04 |
| 33 | Hexagon Nut | N14-0049-00 |
| 34 | Arm Lift Assembly | D40-0088-13 |
| 35 | Arm Lift Chassis Assembly | D10-0063-13 |
| 36 | Arm Lift Chassis | A11-0033-13 |
| 37 | Arm Shaft for Up-Down | D21-0168-04 |
| 38 | Bearing | D21-0170-04 |
| 39 | Lift Lever Assembly | D10-0065-14 |
| 40 | Lever | D10-0062-14 |
| 41 | Lever Shaft | D21-0172-14 |
| 42 | Spring | G01-0111-14 |
| 43 | Flat Washer (A) | N19-0145-04 |
| 44 | Flat Washer (B) | N19-0146-04 |
| 45 | Bearing | D23-0080-04 |
| 46 | Flat Head Washer | N15-1040-11 |
| 47 | Tension Spring | G01-0110-24 |
| 48 | Hexagon Nut | N10-2040-11 |
| 49 | Arm for Up-Down Assembly | D10-0064-04 |
| 50 | Arm for Up-Down | D11-0104-04 |
| 51 | Arm Slide Shaft | D21-0169-04 |
| 52 | E Shaped Ring | N24-3030-60 |
| 53 | Rubber Tube | 232-0030-00 |

| Ref. No. | Description | Part No. |
|---|---|---|
| 54 | Arm Base | J09-0045-13 |
| 55 | Small Pan Head Screw | N30-3006-11 |
| 56 | Small Pan Head Screw | N30-3008-11 |
| 57 | Supporter | D39-0008-14 |
| 58 | Up-Down Shaft | D21-0173-14 |
| 59 | Setscrew | N73-2603-11 |
| 60 | Small Pan Head Screw | N30-2010-11 |
| 61 | Spring for Up-Down Shaft | G01-0103-04 |
| 62 | E Shaped Washer | N24-3050-60 |
| 63 | Washer | N19-0018-04 |
| 64 | Frame for Ornamental Plate | A15-0006-13 |
| 65 | Ornamental Plate for Control Lever | B42-0252-04 |
| 66 | Ornamental Frame for Speed Change | A15-0007-14 |
| 67 | Ornamental Plate for Speed Change | B42-0235-04 |
| 68 | Adapter Holder | J19-0093-14 |
| 69 | Small Pan Head Screw | N30-3006-11 |
| 70 | Turntable | D02-0006-05 |
| 71 | Bush (A) | J42-0037-04 |
| 72 | Chassis Assembly of Speed Change (Including Spoke and Guide Arm) | D40-0068-03 |
| 73 | Chassis Assembly for Speed Change Lever | A11-0030-03 |
| 74 | Speed Change Chassis | A11-0029-03 |
| 75 | Motor Stud | J32-0113-04 |
| 76 | Guider Shaft | D21-0149-04 |
| 77 | Belt Guide Arm | D11-0084-04 |
| 78 | Arm Spoke | D17-0020-04 |
| 79 | E Shaped Washer | N24-3020-60 |
| 80 | Speed Change Cam | D12-0033-04 |
| 81 | Tension Spring (E) | G01-0091-04 |
| 82 | Speed Change Cam Shaft | D21-0150-04 |
| 83 | Speed Change Knob | K29-0055-04 |
| 84 | E Shaped Ring | N24-3030-60 |
| 85 | Boss for Arm Spoke | J32-0123-04 |
| 86 | Plate for Motor | J20-0151-14 |
| 87 | Motor | T41-0083-15 |
| 88 | Rubber Cushion | G13-0030-04 |
| 89 | Washer | N19-0018-04 |
| 90 | E Shaped Washer | N24-3040-60 |
| 91 | Motor Pulley (50 Hz) | D15-0065-04 |
| 92 | Motor Pulley (60 Hz) | D15-0066-04 |
| 93 | Setscrew | N73-3003-11 |
| 94 | Hz Selector | S32-2007-05 |
| 95 | Small Pan Head Screw | N30-2004-11 |
| 96 | Capacitor | C90-0055-05 |
| 97 | Small Pan Head Screw | N30-4006-11 |
| 98 | Protection Cover (B) | F07-0184-04 |
| 99 | Small Pan Head Screw | N30-3006-11 |
| 100 | Small Pan Head Screw | N30-4006-11 |
| 101 | Pickup | J91-0021-05 |
| 102 | Setscrew | N73-4005-11 |
| 103 | Cartridge (V-34) | T21-0029-05 |
| 104 | Belt | D16-0014-03 |
| 105 | Turntable Sheet | G16-0030-02 |

| Ref. No. | Description | Parts No. |
|---|---|---|
| 106 | Audio Cord | E30-0111-05 |
| 107 | Power Cord | E30-0046-05 |
| 108 | Wire for Earth | E30-0114-05 |
| 109 | Lead Holder | J21-0511-04 |
| 110 | Tube | 212-6003-00 |
| 111 | Small Pan Head Screw | N30-3008-11 |
| 112 | Capacitor | CP02B2J503M |
| 113 | Protection Cover for Power | F07-0172-04 |
| 114 | Small Pan Head Screw | N30-3005-11 |
| 115 | Lug-Type Terminal Strips | E22-0508-05 |
| 116 | Small Pan Head Screw | N30-4006-11 |
| 117 | Selector Knob | K29-0058-04 |
| 118 | Spoke | D17-0019-04 |
| 119 | Small Pan Head Screw | N30-2006-11 |
| 120 | Player Case | A03-0070-12 |
| 121 | Nut | N14-0041-05 |
| 122 | Flat Head Screw | N15-1080-11 |
| 123 | Hinge | J50-0037-05 |
| 124 | Wood Screw | N62-3113-11 |
| 125 | Wood Screw | N61-3113-11 |
| 126 | Insulator Assembly | J03-0001-04 |
| 127 | Wood Screw | N63-2712-12 |
| 128 | Badge | B43-0006-04 |
| 129 | Player Cover | B19-0051-05 |
| 130 | Player Cover Mark (Top) | B44-0028-04 |
| 131 | Player Cover Mark (Bottom) | B44-0029-04 |
| 132 | Sticker | B40-0475-04 |
| 133 | Flat Head Washer | N15-1030-11 |
| 134 | Hexagon Nut | N10-2030-11 |
| 135 | Small Pan Head Screw | N30-4012-11 |
| 136 | Bush (B) | J42-0038-04 |
| 137 | Protection Cover (for power) | F07-0172-04 |
| 138 | Small Pan Head Screw x 5 | N30-3005-11 |
| 139 | Power Voltage Selector (slide) | S31-2011-05 |
| 140 | Small Pan Head Screw | N30-4012-11 |
| 141 | Power Transformer | L09-0092-05 |
| 142 | Flat Washer | N15-1040-11 |
| 143 | Hexagon Nut | N10-2040-11 |
| 144 | Switch Stopper | B41-0040-04 |
| 145 | Rubber Sheet (for power transformer) | G13-0041-04 |



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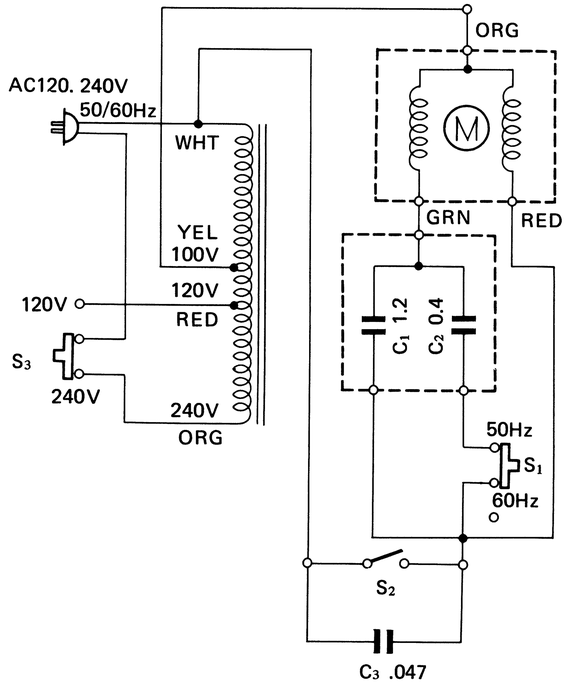


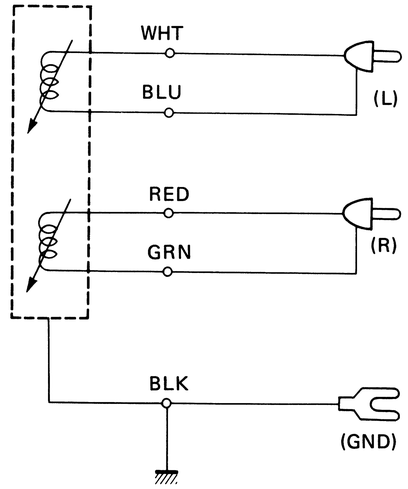


S1 : Hz SELECTOR
S2 : POWER SW.
S3 : POWER VOLTAGE SW.

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