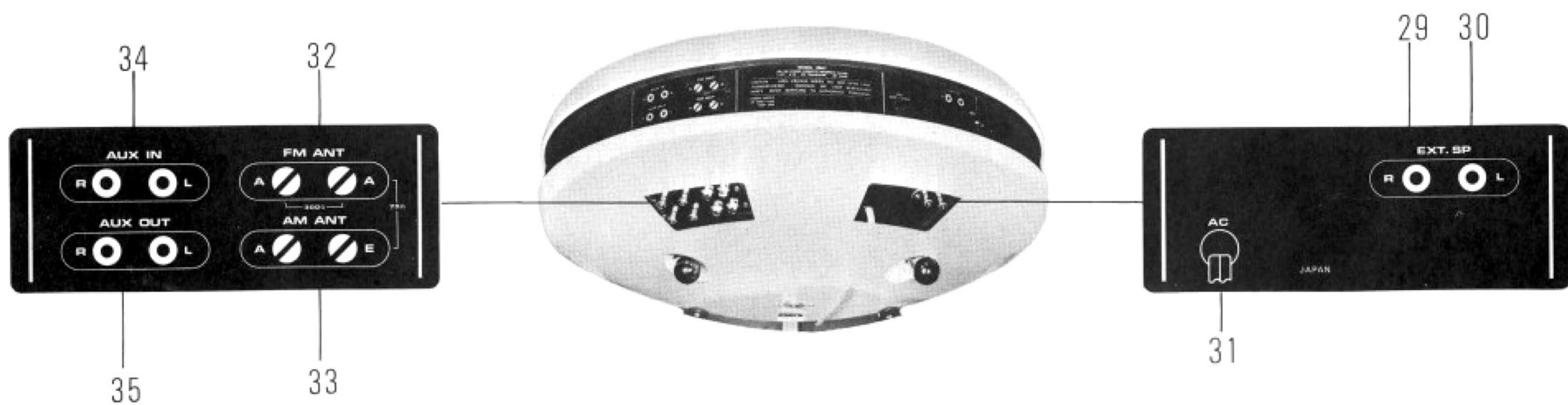
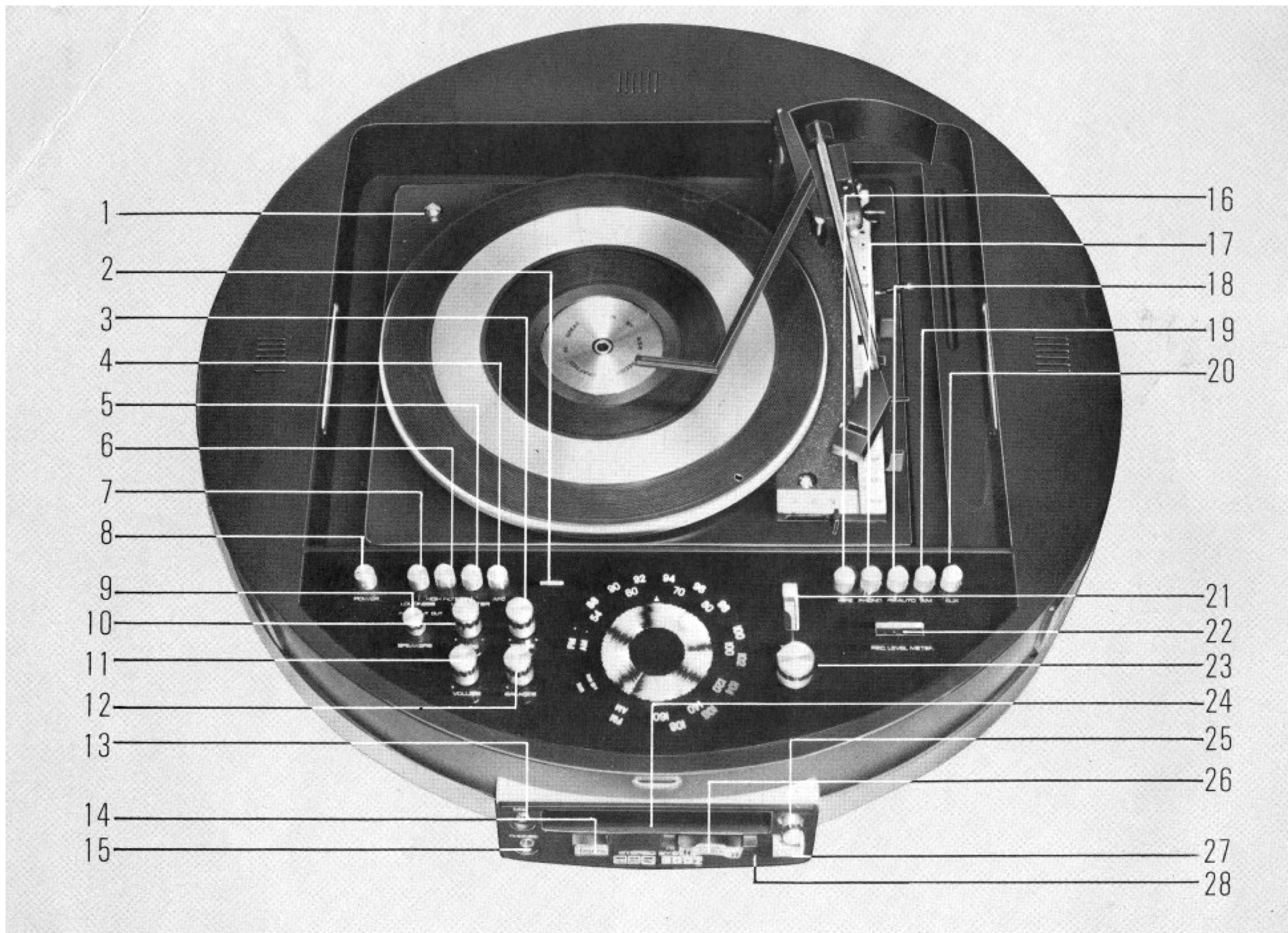


**GEE 2007**

**AM/FM-STEREO-RADIO  
4-TRACK CASSETTE-RECORDER  
STEREO PICK-UP**









# CONTROLS

- |                           |                              |
|---------------------------|------------------------------|
| 1 Transport Screws        | 19 AM                        |
| 2 FM stereo indicator     | 20 AUX                       |
| 3 Treble control          | 21 Tuning meter              |
| 4 AFC                     | 22 Recording level meter     |
| 5 Low filter              | 23 Tuning knob               |
| 6 High filter             | 24 Cassette insert           |
| 7 Loudness                | 25 Microphone level control  |
| 8 Power switch            | 26 Forward/Rewind button     |
| 9 Speaker selector switch | 27 Recording button          |
| 10 Bass control           | 28 Recording indicator       |
| 11 Volume control         | 29 AUX speaker right channel |
| 12 Balance control        | 30 AUX speaker left channel  |
| 13 Microphone jack        | 31 Power cord                |
| 14 Pause                  | 32 FM antenna                |
| 15 Stereo headphones jack | 33 AM antenna                |
| 16 Tape                   | 34 AUX IN                    |
| 17 Phono                  | 35 AUX OUT                   |
| 18 FM AUTO                |                              |

# SPECIFICATION

38 Transistors, 30 Diodes, 3 IC, 1 FET

## FM

Frequency range 88–108 MHz  
Sensitivity 10  $\mu$ V (100 MHz S/N 30 dB)  
Intermediate frequency 10.7 MHz  
Image rejection 45 dB  
Selectivity 30 dB  
Antenna impedance 240 ohms balanced,  
75 ohms unbalanced

## AM

Frequency range 525–1605 kHz  
Sensitivity 350  $\mu$ V (1 MHz)  
Intermediate frequency 455 kHz  
Image rejection 40 dB  
Antenna: Ferrite bar

## Amplifier

Output power 2 x 10 W sine  
Output impedance 8 ohms  
Frequency response 20 Hz–30 kHz  
(– 1 dB)  
Distortion factor 0.1% at 10 W 8 ohms  
1 kHz  
Built-in speakers 2 x 3 W

## Preamplifier

Input sensitivity 200 mV  
Input impedance 100 k ohms  
Output impedance 80 k ohms  
Output level 30 mV  
Signal/noise ratio 70 dB  
Bass control  $\pm 12$  dB at 100 Hz  
Treble control  $\pm 12$  dB at 10 kHz  
Loudness contour control + 10 dB at

50 Hz, + 6 dB at 10 kHz  
Low filter – 8 dB at 50 Hz  
High filter – 8 dB at 10 kHz

## Cassette recorder

4-Track stereo  
Frequency response 100–10'000 Hz  
Tape speed 4.75 cm/sec  
Wow and flutter 0.35 (WRMS)  
Signal/noise ratio better than 30 dB  
Channel separation better than 30 dB

## Turntable

Automatic record changer  
Speeds 33 $\frac{1}{3}$  – 45 – 78 rpm  
Record diameters 17 cm, 25 cm, 30 cm  
Ceramic stereo cartridge

## AC mains

240 volts, 50 Hz, 60 W max.

## Dimensions

Diameter 58 cm, Height 27 cm,  
with stand 72 cm  
Weight 13 kg

Subject to change without notice



# OPERATING INSTRUCTIONS

Place set on an even surface or mount it onto the special stand. Connect power cord (31) to 240 volt socket. For maximum FM stereo and AM reception connection to an outdoor antenna is recommended. Use AM antenna terminal (33) or FM antenna terminal (32). Loosen fixing screws (1) of the turntable according to separate phonograph instructions.

## Switching on:

Operate POWER SWITCH (8)

## Radio operation:

Press AM (19) or FM AUTO (18) button  
Select station with TUNING KNOB (23)  
Adjust to maximum indication of TUNING METER (21)  
For FM reception push AFC button (4) (Automatic frequency control)  
Stereo indicator lamp (2) shows FM stereo  
Adjust VOLUME CONTROL (11), TREBLE CONTROL (3), BASS CONTROL (10) and BALANCE CONTROL (12) as desired

## Turntable operation:

Press PHONO button (17)  
Operate automatic turntable as indicated in the attached instruction manual

## Tape cassette operation:

Press TAPE button (16)  
Insert cassette tape (24)  
Direction of tape play is indicated by the arrow. The tape playing mechanism is put into operation when the tape cassette is fully inserted  
Adjust volume control (11), Treble (3), Bass control (10) and Balance (12) as desired  
For tape rewind, move FORWARD/REWIND BUTTON (26) to REWIND position, for fast forward, to FF position. Tape play is stopped by pushing the PAUSE button (14) and restored by pushing it again. The tape cassette is ejected by pushing the FORWARD/REWIND BUTTON (26)  
When tape end is reached, the tape cassette is automatically ejected.

## Recording from radio:

Tune in desired station  
Press REC button (27), recording lamp lights (28)  
Insert cassette (24)  
Recording level controlled automatically  
Recording level indicated on instrument (22)

## Recording with microphone:

Plug in microphone in MICROPHONE JACK (13)  
Press TAPE button (16)  
Press REC button (27)  
Insert cassette  
Adjust recording volume with MIC VOL control (25) Needle of RECORDING LEVEL METER (22) must not enter red zone  
With radio on desired station, sound-on-sound recording is possible  
Ejection of cassette by pressing FF/REWIND button (26)

## Tape recording from turntable:

Press PHONO button (17)  
Press RECORDING BUTTON (27)  
Insert tape cassette  
RECORDING INDICATOR LAMP (28) lights  
RECORDING LEVEL controlled automatically  
Recording level indicated on instrument (22)

## Tape recording from auxiliary input terminal:

Press AUX button (20)  
Connect auxiliary sets to AUXILIARY terminal (34), using RCA pin plugs

## Connection of auxiliary speakers:

Connect speakers using RCA pin plugs to AUXILIARY SPEAKER RIGHT (29) and LEFT (30) sockets. Output impedance 8 ohms  
Turn SPEAKER SELECTOR SWITCH (9) to obtain sound from built-in speakers, auxiliary speakers or all speakers together as desired.

## Connection of stereo headphones:

Plug headphones into STEREO HEADPHONES JACK (15)  
The built-in speakers are automatically disconnected.



# CAUTION

## IN USING CASSETTE TAPES:

This set is designed for cassette tapes only. Standard quality tape should be used. when poor quality tape is used, the set sometimes does not work normally.

## IN HANDLING THE SET:

Keep the set away from excessive heat and high humidity as the set is equipped with very delicate electronic parts.

## TAPE HEAD MAINTENANCE:

To keep the head in top operating condition. Clean with head cleaner or plastic stick with its end tied with soft, alcohol wetted cloth or substitute. If the head gets magnetized, the tape will sound noisy. You can demagnetize the head with magnet eraser. When not in use, remove the tape from unit.

## LOUDNESS OPERATION:

Press Loudness button (7) Permits low volume listening without sacrificing sound quality.

## HIGH FILTER OPERATION:

Press high filter button (6) Eliminates high frequency scratch, FM hiss & noise.

## LOW FILTER OPERATION:

Press Low filter button (5) Eliminates low frequency rumble & noise.

## IN HANDLING RECORD CHANGER:

Before operating, transit screws (1) must be screwed all the way down if moving unit to another location or returning for service, transit screws must be screwed all the way up.



