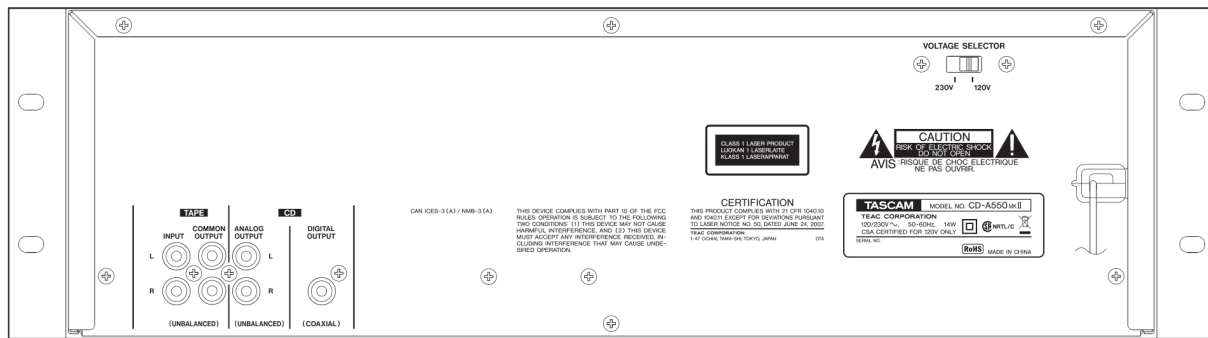
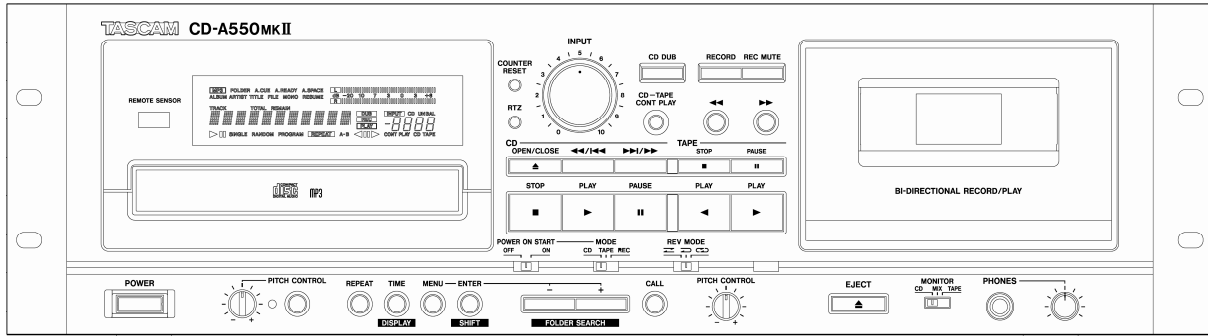


Product Spec Sheet
Compact Disc Player/Reverse Cassette Deck
CD-A550MK II



■ Specifications

• Ratings

CD player

Compatible disc formats CD-DA (12-cm/8-cm), CD-ROM (12-cm/8-cm) ISO 9660 LEVEL 1/2/ROMEO/JOLIET format (CD-R/CD-RW disc compatible)

MP3 playback specifications

Audio modes: STEREO/JOINT STEREO/DUAL CHANNEL/MONO/VBR

- MPEG1 Audio Layer III (MP3)
- Sampling frequency: 32/44.1/48 kHz
- Bit rate: 32-320 kbps

WAV playback specifications

Sampling frequency: 8/11.025/12/16/22.05/24/32/44.1/48kHz
Quantization bit rate: 8-bit/16-bit

CD playback specifications

Sampling frequency: 44.1 kHz
Quantization bit rate: 16-bit
Number of channels: 2

Audio characteristics

Frequency characteristics: 20 Hz – 20 kHz ±0.8 dB
S/N ratio: 98 dB (20 kHz LPF, A-weighted)
Distortion (THD+N): 0.006% (1 kHz: 20 kHz LPF)
Dynamic range: 96 dB (20 kHz LPF, A-weighted)
Channel separation: 90 dB (1 kHz: 1 kHz BPF)

Cassette tape

| | |
|--|--|
| Track system | 4-track 2-channel stereo |
| Head structure | Record/playback x 1 (rotary reverse), erase x 1 |
| Usable tape types | C-46 – C-90 type cassette tapes (metal tapes can only be played back) |
| Tape speed | 4.76 cm/sec |
| Pitch control range | ±10% or more |
| Wow and flutter | 0.25% (JIS WRMS) or less |
| Rewind time | 160 seconds or less (C-60 tape) |
| Recording and playback frequency Characteristics | Normal (type): 30 Hz – 13 kHz ±4 dB Chrome (type): 30 Hz – 15 kHz ±4 dB |
| Recording and playback channel separation | 1 kHz: 35 dB or more (1 kHz, using BPF) |
| Recording and playback S/N ratio | 58 dB (Maximum input level, A-Weighted) |
| Recording and playback distortion | 2.5% or less |

▪ Analog audio

CD player section

| | |
|--------------------------------------|---|
| CD LINE OUTPUT [UNBALANCED] jacks | Analog unbalanced output Connector: RCA pin jacks Standard output level: -10 dBV Maximum output level: +6 dBV Output impedance: 200 Ω |
|--------------------------------------|---|

Cassette tape section

| | |
|--|---|
| TAPE LINE OUTPUT [UNBALANCED] jacks | Analog unbalanced output Connectors: RCA pin jacks Standard output level: -4.5 dBu Output impedance: 200 Ω |
|--|---|

| | |
|---------------------------------------|---|
| TAPE LINE INPUT [UNBALANCED] jacks | Analog unbalanced input Connectors: RCA pin jacks Standard input level: -9 dBu Minimum input level: -19 dBu Input impedance: 22 k Ω |
|---------------------------------------|---|

Headphones section

| | |
|-------------|--|
| PHONES jack | Headphones output Connector: standard stereo jack Rated output: 20 mW + 20 mW or more (during CD monitoring, THD+N 0.1% or less, 32 Ω load) |
|-------------|--|

• Digital audio

CD player section

CD DIGITAL OUTPUT
[COAXIAL] jack

Connector: RCA pin jack
Compatible signal format: S/PDIF (IEC-60958-3 standard for consumer applications)
Output impedance: 75 Ω

• General

Power

AC 120 V, 60 Hz (U.S.A./Canada)
AC 230 V, 50-60 Hz (Latin America)

Power consumption

14 W

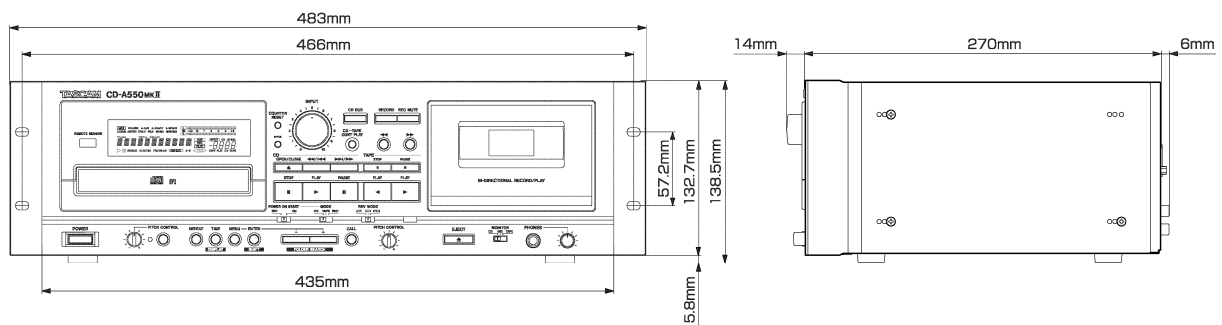
External dimensions

483 x 138.5 x 290 mm (width x height x depth, including protrusions)

Weight

6.3 kg

■ Dimensional drawing



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