

# Spec description

## Cassette Deck section

|                            |  |
|----------------------------|--|
| Track system               | 4-track-channel, stereo                            |
| Head structure             | Record/playback head × 1, Erase head × 1           |
| Tape type                  | Cassette tape C-10 to C-90                         |
| Tape speed                 | 4.76cm/sec   |
| Motor                      | DC servo motor × 1                                 |
| Supported Cassette tape    |  |
| Playback                   | Normal (TYPE I), Chrome (TYPE II), Metal (TYPE IV) |
| Recording                  | Normal (TYPE I), Chrome (TYPE II)                  |
| Pitch Control              | ±10% (Playback only)                               |
| Required fast winding time | Approximately 120 sec (C-60 tape)                  |

## CD Player section

|                       |   |
|-----------------------|---|
| Supported disc        | CD / CD-R / CD-RW (12cm / 8cm)                                |
| Disc format           |   |
| Audio CD              | CD-DA   |
| Data CD               | ISO9660 Level 1/Level 2                                       |
| Supported format      |   |
| CD-DA                 |   |
| Sampling frequency    | 44.1kHz   |
| Quantization bit rate | 16-bit  |
| Channel               | 2   |
| MP3                   |   |
| Mode                  | STEREO / JOINT STEREO / DUAL CHANNEL / MONO                   |
| Sampling frequency    | 16k to 48k Hz   |
| Bit rates             | 8k to 320k bps *DRM (Digital Right Management) not compatible |

## USB section

|                    |   |
|--------------------|---|
| Playback Format    |   |
| Format             | MP3   |
| Sampling frequency | 16k to 48k Hz   |
| Bit rates          | 8k to 320k bps *DRM (Digital Right Management) not compatible |
| Record Format      |   |
| Format             | MP3   |
| Sampling frequency | 44.1kHz   |
| Bit rates          | 128kbps   |
| Folder levels      | 8 levels supported  |

## General

|                             |   |
|-----------------------------|---|
| Inputs/Outputs              |   |
| LINE IN                     |   |
| Connector                   | RCA Pin jack × 1 pair                             |
| Nominal Input level (TAPE)  | -4.5dBu (0.46V) (Input impedance more than 50k Ω) |
| LINE OUT                    |   |
| Connector                   | RCA Pin jack × 1 pair                             |
| Nominal Output level (TAPE) | -4.5dBu (0.46V) (Input impedance more than 50k Ω) |
| Maximum Output level (CD)   | +6dBV (2.0V)                                      |
| USB                         |   |
| Connector                   | USB A-type × 1                                    |
| Interface                   | USB1.1 FULL SPEED (12Mbps)                        |
| Headphone out               |   |
| Connector                   | 1/4" (6.3mm) Stereo phone jack × 1                |
| Nominal output level        | 10mW + 10mW (THD+N 0.1%, 32 Ω under CD MONITOR)   |
| Power                       | AC 120V, 60Hz                                     |
| Power Consumption           | 13W   |
| Dimensions (W×H×D)          | 19.0" × 5.5" × 11.4" / 483 × 138.5 × 290 mm       |
| Weight (Net)                | 13.2 lbs. / 6.0 kg                                |
| Operating temperature       | 41°F to 95°F / 5°C to 35°C                        |
|                             |   |

## Audio performance

| Cassette Deck section |   |
|-----------------------|---|
| Wow and flutter       | 0.25% (W.RMS)   |
| Frequency response    |   |
| Chrome                | 50Hz to 12.5kHz $\pm$ 4dB   |
| Normal                | 50Hz to 12.5kHz $\pm$ 4dB   |
| S/N Ratio             | 59dB (Maximum input level, A-weight)  |
| CD Player section     |   |
| Frequency response    | 20Hz to 20kHz $\pm$ 2dB   |
| THD + N               | Less than 0.02% (1kHz)  |
| S/N Ratio             | More than 87dB (IHF-A)  |
| USB section           |   |
| Frequency response    |   |
| Playback              | 20Hz to 20kHz( $\pm$ 2dB)   |
| Record                | 20Hz to 15kHz ( $\pm$ 3dB, CD→USB)<br>1 00Hz to 15kHz ( $\pm$ 3dB, LINE IN→USB) |
| S/N Ratio             |   |
| Playback              | More than 85dB  |
| Record                | More than 85dB  |