

CD-A550/CD-A750

CD Player / Auto-Reverse Cassette Deck



CD-A550 and CD-A750 make the most of two highly popular consumer audio formats, audio cassette and audio CD, by combining them into an attractive package that delivers both functionality and value. You can treat the CD player and auto-reverse cassette deck as separate units with independent outputs and separate pitch control, or take advantage of their integration with extended playback and enhanced dubbing features.

Both models offer continuous tape-to-CD or CD-to-tape playback and can be used to copy CDs, tracks or marked sections to cassette. A wireless remote control is also included.

The CD-A750 has balanced input and outputs as well as serial and parallel control ports for media system integration. It is perfect for installations in halls, hotels and restaurants, for DJs, band rehearsals, dance/aerobic facilities and more. The CD-A550 is ideal for same or similar applications where consumer connections are sufficient.

Main Features

General

- CD player and auto reverse cassette deck combined in one compact 3U rack-mountable chassis
- Continuous playback between CD and cassette
- CD to Tape dubbing including Edit Dubbing feature to duplicate a marked section
- Comprehensive combined FL display
- Separate outputs for cassette deck and CD player
- Common output with selectable source (Tape or Auto or Mix)
- Mono mix output (CD or Tape)
- Power-on playback (CD or Tape)
- Power-on recording (Tape only)
- Wireless remote control (55 keys)

CD Player

- High-quality TEAC drive (supports CD-R and CD-RW media)
- Audio CD playback
- MP3 file playback from CD
- WAV file playback from CD
- Folder selection for MP3 and WAV CDs
- Continuous, Single, Random and Program playback modes
- Repeat playback (All or A-B)
- Auto Space function (insert a fixed spacing between tracks during playback)

- Auto Cue function (automatically skip to the audio beginning of a track)
- Auto Ready function (automatically pause at the beginning of the next track)
- Cue Call function (skip to the point where playback was last started)
- Incremental Play (skip to each next track by pressing the PLAY button)
- Anti-shock memory
- ± 12.5 % pitch control
- Analogue output (RCA)
- SPDIF digital output (coaxial)

Cassette deck

- Auto reverse playback (up to 5 cycles)
- Auto reverse recording
- Dolby B noise reduction
- Record mute function
- Tape counter with RTZ (Return to zero)
- ± 10 % pitch control
- Tape types: Normal, Chrome (playback/recording) and Metal (playback only)

CD-A750 additional features

- XLR balanced inputs and outputs
- Parallel control port
- Serial control port

- **CD text and ID3 tag support to display artist and track information if available**

Specifications

Cassette deck	
Track system	4-track, 2-channels, stereo
Heads	Record/playback x 1 (rotary reverse), Erase x 1
Usable tape types	Cassette tape C-60, C-90 (Metal: playback only)
Tape speed	4.76 cm/s
Pitch control	±10 %
Wow and flutter	0.25 % or less (JIS WRMS)
Fast winding time	160 s or less (C-60 tape)
Audio performance (recording/playback)	
Frequency response	50 Hz – 12.5 kHz, ± 3 dB, chrome 50 Hz – 10 kHz, ± 3 dB, normal
Channel separation	>35 dB (1 kHz, 1-kHz BPF)
S/N ratio	58 dB (Dolby off, nominal recording level) 69 dB (Dolby on, CCIR ARM-weighted)
Total harmonic distortion	2.5 % or less (400 Hz / Dolby level)

Analogue audio inputs and outputs	
CD line output (balanced, CD-A750 only)	XLR-3-32
Nominal output level	+4 dBu
Maximum output level	+20 dBu
Outputs impedance	100 Ω
CD line output (unbalanced)	RCA
Nominal output level	-10 dBV
Maximum output level	+6 dBV
Output impedance	200 Ω
Tape line output (balanced, CD-A750 only)	XLR-3-32
Nominal output level	+4 dBu
Output impedance	100 Ω
Tape line output (unbalanced)	RCA
Nominal output level	-4.5 dBV
Output impedance	200 Ω
Tape line input (balanced, CD-A750 only)	XLR-3-32
Nominal input level	+4 dBu
Minimum input level	-6 dBu
Input impedance	14.4 kΩ
Tape line input (unbalanced)	RCA
Nominal input level	-9 dBu
Minimum input level	-19 dBu
Input impedance	22 kΩ
Headphones outputs	6.3-mm stereo jack
Maximum output power	20 mW + 20 mW (CD monitoring, THD+N <0.1 %)
Load impedance	32 Ω
Selectable output signals	Tape, CD, Mix

Digital audio output	
CD digital output	Coaxial (RCA)
Output impedance	75 Ω
Format	IEC60958-3 (SPDIF)

Other inputs and outputs	
Parallel port	D-sub, 25pin
Maximum input voltage	+5.5 V
Minimum hi-level input voltage	+3.75 V
Maximum low-level input voltage	+1.25 V
Output format	Open-collector output (15 V dielectric strength, 35 mA maximum)
Maximum low-level output voltage	<+0.5 V
+5 V maximum current supply	50 mA
Serial port	D-sub, 9pin
Format	RS-232C protocol V1.00

Power supply and other specifications	
Power requirements	120/230 V AC, 50–60 Hz

	(USA/Canada/General export) 230 V AC, 50 Hz (Europe/UK) 240 V AC, 50 Hz (Australia)
Power consumption	CD-A550: 14 W CD-A750: 15 W
Dimensions (W x H x D)	483 mm x 138 mm x 275 mm
Weight	CD-A550: 6.3 kg CD-A750: 6.5 kg

Design and specifications subject to change without notice.

Last modified: 2015-02-12 12:33:08 UTC