TASCAM

CD-9010/CD-9010CF

Broadcast CD Players

The CD-9010(CF) is one of the most well adapted Broadcast CD players on the market. After rigorous tests and samples field-evaluated by broadcasters across the industry, Tascam has fine-tuned every detail – from the placement of the keys, the feel of the dials and operational features of the machine. The CD-9010(CF) utilizes the high-powered 5010B drive for high performance, quality and sound. The functionality of the unit is unrivalled with its online capabilities, 9 points of cue memory per disc (up to 500 discs), word sync, auto cue etc. Functionality is only increased when used with the remote control unit RC-9010S.

A variety of control and interface ports are found on the rear panel: BNC AES-3id outputs (CD-9010CF), XLR AES/EBU outputs and coaxial SPDIF (CD-9010), mono outputs, parallel port, RS-232C serial port and USB keyboard input (CD-9010CF).

The half-rack CD-9010(CF) fills the need for heavy-duty CD-players – and playback from CompactFlash cards – in the broadcast market.

Related products

CD-6010: Professional CD Player

SS-CDR250N: Networkable Solid-

CD-500B: Ultra-compact Professional
CD Player

Features at a glance

- **Professional-quality CD player for broadcast studios and commercial installations**
- **Highly reliable TEAC CD-5010B drive with heavy-duty tray mechanism and manual eject lever**
- **Highly durable keys and fader**
- **Carefully selected electronic components for high-quality sound**
- **Large LC display with backlight**
- **Illuminated transport keys**
- **Online function**
- **Supports CD-DA (audio CD) and CD-R (data CD) with MP3 or BWF/WAV encoded files**
- **Memory for 9 cue points per CD, up to 500 CDs in total**
- **Program play**
- **Auto cue, auto ready and incremental play**
- **±12.5 % pitch control**
- **Word sync in/through (BNC)**
- **Sample Rate Converter 48 kHz/44.1 kHz**
- **Balanced stereo line output (XLR)**
- **Unbalanced stereo monitor output (phone jacks)**
- **Front-panel headphones output with level control**

- **Balanced stereo mix input for connection of a backup CD player**
- **AES/EBU output (XLR)**
- **Coaxial SPDIF output**
- **Parallel port (D-sub 37pin)**
- **RS-232C serial port**
- **Rack-mountable chassis (half-rack size, 3 U)**
- **Optional accessory:**
  - RC-9010 Remote control unit (with illuminated keys, jog dial and display)

CD-9010CF additional features
- **CF card slot for playback from CompactFlash memory cards**
- **Programs may contain tracks from both CD and CF card**
- **CD ripping function**
- **Stereo/Mono select switch**
- **Balanced stereo monitor output (XLR)**
- **AES/EBU output on BNC connector (instead of XLR), no SPDIF output**
- **USB keyboard connector**

Specifications

Media and file formats	
Supported media	CD, CD-R (CD-DA audio discs, ISO9660 Level1/Joliet/Romeo data discs)
	CF card, 512 MB – 32 GB, Type I only (CD-9010CF only)
Playback file formats	WAV: 44.1/48kHz, 16/24-bit
	Max. file size: 2 GB (CD-9010CF only)
	CD-DA: 44.1kHz, 16-bit
Number of channels	2 (stereo)
	1 (mono)

Analogue audio inputs and outputs

MIX INPUTS (BALANCED)	XLR-3-31 (1: GND, 2: HOT, 3: COLD)
Input impedance	10 kΩ
Nominal input level	+4 dBu (1.23 Vrms)
Maximum input level	+24 dBu (12.28 Vrms)
LINE OUTPUTS (BALANCED)	XLR-3-32 (1: GND, 2: HOT, 3: COLD)
Output impedance	200 Ω
Nominal output level	+4 dBu (1.23 Vrms)
Maximum output level	+24 dBu (12.28 Vrms)
MONITOR OUTPUTS (UNBALANCED, CD-9010 only)	RCA pin jack
Output impedance	100 Ω
Nominal output level	−10 dBv (0.32 Vrms)
Maximum output level	+6 dBv (2 Vrms)
MONITOR OUTPUTS (BALANCED, CD-9010CF only)	XLR-3-32 (1: GND, 2: HOT, 3: COLD)
Output impedance	200 Ω
Nominal output level	+4 dBu (1.23 Vrms)
Maximum output level	+24 dBu (12.28 Vrms)
PHONES	6.3-mm standard stereo jack
Maximum output power	45 mW + 45 mW (THD+N 0.1 %, 32 Ω)

Digital audio outputs

DIGITAL OUT (COAXIAL, CD-9010 only)	RCA pin jack
Format	IEC60958-3 (SPDIF consumer standard, when DIGITAL OUT TYPE is set to CONSUMER)
Output impedance	75 Ω
DIGITAL OUT (XLR, CD-9010 only)	XLR-3-31
Format	AES3-2003/IEC60958-4 (AES/EBU, when DIGITAL OUT TYPE is set to PRO)
Output impedance	110 Ω
DIGITAL OUT (BNC, CD-9010CF only)	BNC
Format	AES3-2003 AES-3id-2001 IEC60958-4 (AES/EBU)
Output impedance	75 Ω

Control inputs and outputs

WORD IN	BNC (switchable clock terminator)
Input voltage	5V TTL equivalent
Input impedance	75 Ω
Permissible frequency variation during external synchronization	±100 ppm
WORD THRU	BNC
Output voltage	5V TTL equivalent
Output impedance	75 Ω
REMOTE IN (SERIAL)	D-sub 15-pin
REMOTE IN (PARALLEL)	D-sub 37-pin
Maximum input voltage	+5.5 V
High-level minimum input voltage	+3.75 V
Low-level maximum input voltage	+1.25 V
Output format	Open drain (max. 50 V, 100 mA)
Low-level maximum output voltage	0.5 V
Maximum supplied current (+5 V)	100 mA
KEYBOARD (CD-9010CF only)	USB A-type 4-pin
Protocol	USB 1.1 Low Speed (1.5 Mbit/s)
Maximum supplied current (+5 V)	500 mA

Audio performance

All audio performance ratings are for playback according to JEITA CP-2150 standards

Frequency response	20 Hz – 20 kHz ±0.5 dB
Distortion	0.005% or less
S/N ratio	100 dB or more
Dynamic range	95 dB or more
Channel separation	95 dB or more

Power requirements and other specifications

Power	AC 100–240 V, 50–60 Hz
Power consumption	14 W (CD-9010) 18 W (CD-9010CF)
Dimensions (width × height × depth)	220 mm x 137 mm x 385 mm
Weight	6 kg
Operating temperature range	5–35 ℃
Installation angle	5° or less

Design and specifications subject to change without notice.