

CFD-V25/V35

SERVICE MANUAL

Ver 1.1 2000.04
With SUPPLEMENT (9-923-315-81)

US Model
Canadian Model
CFD-V25/V35
E Model
CFD-V25



Photo: CFD-V25

Model Name Using Similar Mechanism	CD Section Tape Section	NEW
Optical Pick-up Type		HSM-210CDM/CatNP
Tape Transport Mechanism Type		MT-V50-117

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION WITH 3.2 Ω loads, both channels driven from 150 – 15,000 Hz rated 2W per channel maximum RMS power, with no more than 10 % total harmonic distortion in A/C operation.

CD player section

System
Laser diode properties

Compact disc digital audio system
Standard: CDDA
Wavelength: 780 nm
Emission duration : Continuous
Laser output : Less than 10.6 μ W
(This output is the value measured at a distance of about 200 mm from the objective lens surface on the optical pick-up block with 7 mm aperture.)
200 times (up to 700 times) (up to 0.1 W)
2
20 – 20,000 Hz $\pm$ 1/2 dB
Below manufacturer limit

Spindle speed
Number of channels
Frequency response
Wow and flutter

Radio section

Frequency range

Antenna

FM : 87.5 – 108 MHz
AM : 530 – 1,700 kHz
FM : Telescopic aerial
AM : Built-in antenna for aerial

Cassette-tape section

Recording system
Tape winding case

Frequency response

4-track, 2 channel stereo
Approx. 120 x cm/s with Sony cassette
C-60
15,000 Hz (max.) : 70 – 10,000 Hz

General

Speakers

Design

Power output (including US model)

Power requirements

Power consumption

Full range : 10 cm dia., 3.2 Ω , cone-type
CD
Headphones (each stereo output)
For 16 – 50 Ω impedance headphones
2.0 W $\pm$ 2.3 W (at 3.2 Ω , 10 % harmonic distortion)
For CD digital cassette-recorder :
100V AC, 60 Hz
9W DC, 6 min to (8, 20) minutes
For auxiliary controller :
9W DC, 2 min AA (8 to battery)
AC 20W

— Continued on next page —

CD RADIO CASSETTE-CORDER

SONY®



Sony Cfd V35 Owners Manual

Marcel A. Müller



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