

CDX-4250/4500

SERVICE MANUAL

US Model
Canadian Model
CDX-4250
E Model
CDX-4500

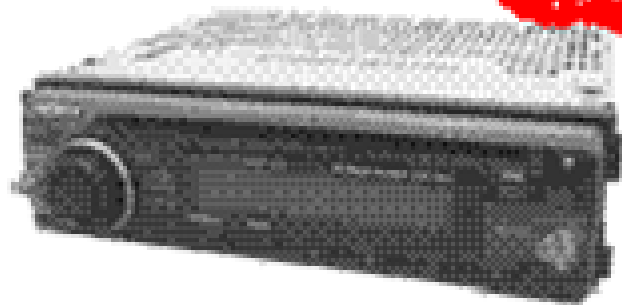


Photo: CDX-4250

SPECIFICATIONS

GENERAL SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

17 watts per channel (average) continuous average power (1 kHz, 4 ohms, 4 channels driven from 20 Hz to 20 kHz with no more than 1% total harmonic distortion).

Other specifications

CD Player section

System	Compact disc digital audio system
Signal-to-noise ratio	90 dB
Frequency response	20 - 20,000 Hz
Wow and flutter	Below measurable level
Load Shed Program	
Monitor	Quartz
Motor	300 rpm
Clutch/Clutch	Composed
Laser output power	Less than 5 mW

* This specifies the value measured at a distance of 200 mm from the objective lens surface of the optical pickup block.

Tuner section

FM	
Tuning range	87.5 - 107.9 MHz
Antenna terminal	External antenna connector
Intermediate frequency	10.7 MHz
Section sensitivity	4 dB
Sensitivity	75 dB at 100 kHz
Signal-to-noise ratio	60 dB (stereo) 66 dB (mono)
Harmonic distortion at 1 kHz	0.7% (stereo) 0.4% (mono)
Separation	20 dB at 1 kHz
Frequency response	20 - 20,000 Hz

AM

Tuning range	530 - 1,700 kHz
Antenna terminal	External antenna connector
Intermediate frequency	10.7 MHz/455 kHz
Sensitivity	20 dB

Power amplifier section

Output	Speaker output Stereo and mono channels
Speaker impedance	4 - 8 ohms
Maximum power output	40 W x 4 (2 x 4 ohms)

Model Name Using Similar Mechanism	CDX-4160
CD Drive Mechanism Type	MG-360X-121
Optical Pickup Name	K25-501A

General

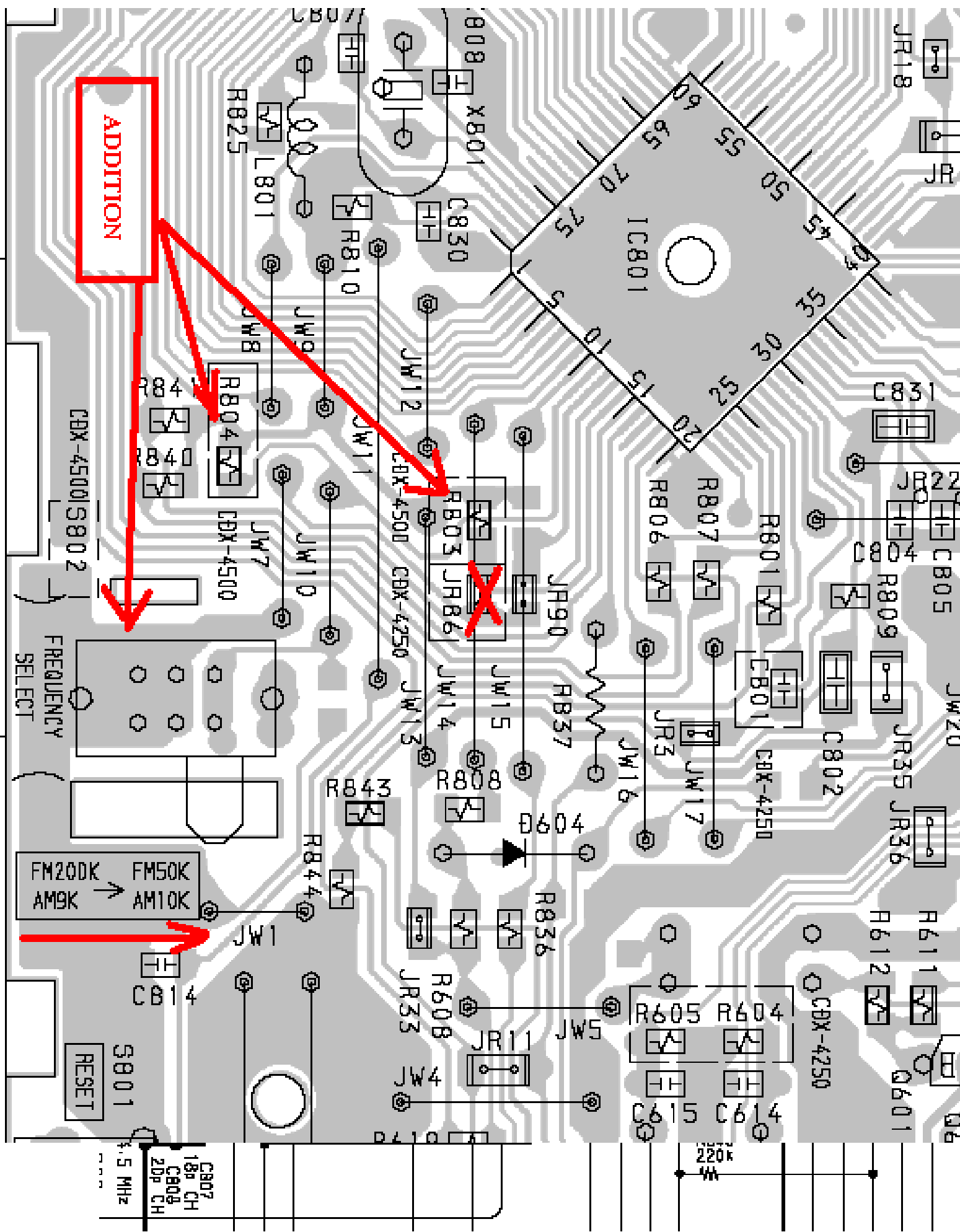
Output	Power antenna relay control Telephone RCT control lead
Tone control	Bass of 20 to 180 Hz Trebble of 20 to 12 kHz
Power requirements	12 V DC car battery (negative ground)
Dimensions	Approx. 176 (W) x 136 (H) mm 6 1/2 (W) x 5 3/8 (H) in.
Mounting dimensions	Approx. 152 (W) x 120 (H) mm 6 (W) x 4 3/4 (H) in.
Mass	Approx. 1.2 kg (2.6 lb) (incl.)
Supplied accessories	Parts for installation and maintenance (1 set) Power point lead (1) Cordless Jack (SP-475) Cordless car single adapter (CA-8)

Design and specifications are subject to change without notice.

FM/AM COMPACT DISC PLAYER

SONY®





ADDITION

FREQUENCY SELECT
FM200K
AM9K
FM50K
AM10K

5001
RESET

C807
18p CH
C808
20p CH
5.5 MHz

220k
W