

CDA-7837

In-Dash CD Player/Receiver/Ai-Shuttle Controller

FEATURES

Tuner

MaxTune Tuner
DAP (Direct Access Preset)
Auto Memory
Up/Down Seek
Local/DX Selection
Preset Address Indicator
Station Title Memory/Search

CD Player

Regulated 1-Bit DAC
Elapsed Time Display
8x Oversampling
Digital De-emphasis
Music Sensor (Skip)
Music Scan
MIX (Random Play)
Repeat

CD Shuttle Control

Elapsed Time Display
Music Sensor (Skip)
Music Scan
MIX (Random Play)
MIX All (Random Play All)
Repeat (One/All)
Direct Disc Selection
Disc Title Memory

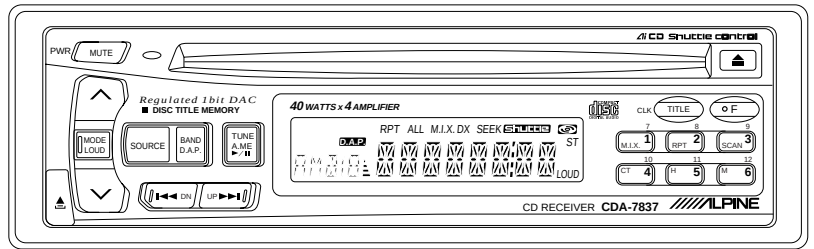
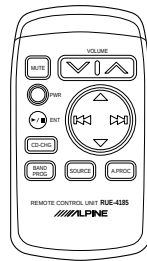
Ai-NET

External Processor Preset Call
Ai-Talk Display
Multi CD Shuttle Control

General

40W x 4 High Power Amplifier
Anti-Theft Detachable Front Panel
Detachable Trim Plate
ISO Mount Capability
Dual PreOuts
Selectable Fader
Preamp Fader
Switchable Non-Fading PreOut
Sound Guide
Automatic Set-Up
Operation Indicator
Clock
Source Tone Memory (STM)
Bass & Treble Controls
Fader & Balance Controls
Loudness
Wireless Remote Control Included

*With Optional KCA-400C



AI Processor

CD Shuttle
Control Function

DETACHABLE

Regulated
1Bit

2 pre-outs

40W x 4
HIGH POWER

Included

SPECIFICATIONS

FM Tuner

Tuning Range 87.7—107.9 MHz
Mono Usable Sensitivity 9.3dBf (0.8μV / 75 ohms)
50dB Quieting Sensitivity 13.5dBf (1.3μV / 75 ohms)
Alternate Channel Selectivity 80dB
Signal-to-Noise (S/N) 65dB
Stereo Separation 35dB
Capture Ratio 2.0dB

AM Tuner

Tuning Range 530—1,710kHz
Usable Sensitivity (IEC Standard) 22.5μV / 27.0dB

CD Player

Oversampling 8X
Sampling Rate 352.8kHz
DAC Resolution 1-Bit
Number of DACs 2
Frequency Response 5Hz—20kHz (±1dB)
Wow & Flutter (%WRMS) Below measurable limits
Total Harmonic Distortion (THD) 0.008% (at 1kHz)
Dynamic Range 95dB (at 1kHz)
Signal-to-Noise (S/N) 95dBA
Channel Separation 85dB (at 1kHz)

Remote Control

Battery 2 "AAA"
Dimensions (W x H x D) 56mm x 14mm x 105mm (2-1/4"x9/16"x4-1/8")

General

Maximum Power Output (Note 1) 40 watts x 4
Continuous Power Output (Note 2) 19 watts x 4
Pre Output Voltage (Before Clipping) 2 volts
Bass Control Range ±15dB at 30Hz
Treble Control Range ±10dB at 10kHz
Loudness Control(Max) +10dB at 100Hz, +6dB at 10kHz
Operating Temperature 60°C (140°F) to -10°C (14°F)
Power Requirement 11—16 volts DC (Negative Ground)
Maximum Mounting Angle 45° of Horizontal
Chassis Size (W x H x D) 178mm x 50mm x 152mm (7"x2"x6")
Nose Piece Size (W x H x D) 170mm x 46 mm x 18mm (6-3/4"x1-13/16"x11/16")
Weight 1.5kg(3lbs. 4 oz)

Note 1: Under maximum operating voltage and input signal, into 4 ohm loads.

Note 2: Per EIA-517 standard, 40Hz to 20kHz, 0.8% THD, with 14.4 volt DC supply

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