

KENWOOD

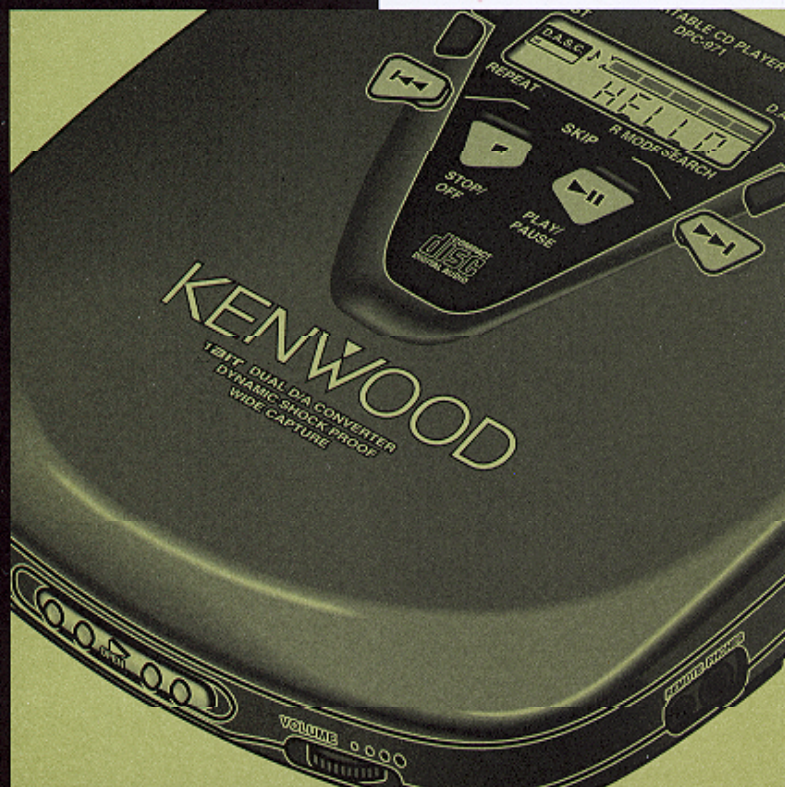
1997 Winter

P E R S O N A L

A U D I O

P R O D U C T S

EFFECTIVE JANUARY 1, 1997



Portable
CD
Players

Feature Guide

ABOUT KENWOOD

Kenwood USA is a unique combination of global talent. It's been that way since the company was founded in 1961. Our products are now designed in the United States and Japan and are built in factories all over the world. Kenwood USA markets over 190 products, and its sales rank the company among the top brands sold in the U.S.

We strive to build products that deliver more—more solid technology, more style, more easy-to-use features—in short, products that deliver more enjoyment. Our Stage 3 Home Theater Controller, for example, has been recognized as doing just that: it was featured on *Good Morning America* and in *Business Week* magazine, won the top award for 1996 from the Industrial Design Society of America, and was called “an extraordinary achievement” by *Stereo Review* magazine.

ABOUT THIS FEATURE GUIDE AND OTHER RESOURCES

We also strive to build retail relationships that deliver more by providing you with the best information, training, and support we can.

This year we have redesigned our Feature Guides and have incorporated many of the suggestions offered by our retail partners. We also provide other literature and information resources (see the chart below) and continue to develop new ways to provide you with help. If you have any comments or suggestions, please contact Kenwood and let us know.

WHAT'S IN THIS FEATURE GUIDE

- Listings of each product's features—Key features • Performance features • General features
- Specific features printed *like this* are listed in the glossary
- Tables comparing the features of all products in the line
- Definitions of features, including their consumer benefits

TO FIND OTHER INFORMATION

FOR THIS INFORMATION

SEE THIS KENWOOD RESOURCE

Suggested retail price range
Dealer cost
Master pack quantity shipping
Terms and conditions of sale
UPC codes

Price Guides

Information on selected products,
technology, and sales tips

Kenwood White Papers

Specification & Compatibility Guides
Technical Bulletins
Troubleshooting Guides

Direct Facts: (800) 432-9971

Information on which Kenwood car audio products
are compatible with particular car models

Car Audio Product Compatibility Guide

On-line product catalog
Dealer locations
Kenwood audiophile bulletin board

Kenwood's web site:
www.kenwoodusa.com

Answers to questions via e-mail

info@kenwoodusa.com

Electronic images of Kenwood products

Kenwood Home and Car Audio
Product Art CD-ROM

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INTRODUCTION

DPC-971 PORTABLE CD PLAYER WITH CAR ACCESSORIES



KEY FEATURES

- Digital Anti-Skip System (10 Seconds, 5 Seconds, Off)
- Vertical and Horizontal Oil-Damped Suspension
- Car Adapter Kit
- Bass Boost
- Wireless Remote
- Dual 1-Bit D/A Converters
- High-Performance Over-Ear Headphones

PERFORMANCE FEATURES

- ▶ **Digital Anti-Skip System** [10 Seconds, 5 Seconds, Off]
 - **Vertical and Horizontal Oil-Damped Suspension**
 - **Dual 1-Bit Digital-to-Analog Converters**
 - 8-Times Oversampling Digital Filter
 - **3-Point Posi-Lock CD Anchor**
- ▶ **Wide Capture Servo Recovery**

GENERAL FEATURES

- ▶ **Grouped Easy-Access Function Controls**
- ▶ **Illuminated Full-Function Display**
- ▶ **Indicators for Anti-Skip Memory and Battery Time**
 - **Bass Boost**
- ▶ **Lightning-Recharge Battery System**
 - 20-Track Programmable Memory
 - **Audible Fast-Forward/Fast-Reverse**
 - **Random Play**
 - **Repeat Play** [Track, Disc, Program]
- ▶ **Scan [Fade-in/Fade-out, Mid-track]**
 - **Instant Disc-Stop**
 - **Function Key Hold**
 - **Automatic Power-Off**
 - **Wired Remote Jack**

INCLUDED ACCESSORIES

- **High Performance Over-Ear Headphones**
- ▶ **Wireless Remote**
 - Car Adapter Kit
- ▶ **Battery Extender Pack**
 - AC Power Adapter
- ▶ **2 Kenwood High Capacity NiMH Rechargeable Batteries**

- ▶ **Features not found on the DPC-671**
Features *in this typeface* are explained in the glossary

DPC-671 PORTABLE CD PLAYER WITH CAR ACCESSORIES



KEY FEATURES

- Digital Anti Skip System (10 Seconds, Off)
- Vertical and Horizontal Oil-Damped Suspension
- Car Adapter Kit
- Bass Boost
- Dual 1-Bit D/A Converters
- High-Performance Over-Ear Headphones

PERFORMANCE FEATURES

- **Digital Anti-Skip System** [10 Seconds, Off]
- ▶ **Vertical and Horizontal Oil-Damped Suspension**
- **Dual 1-Bit Digital-to-Analog Converters**
- 8-Times Oversampling Digital Filter
- **3-Point Posi-Lock CD Anchor**

GENERAL FEATURES

- **Full-Function Display**
- **Bass Boost**
- ▶ **24-Track Programmable Memory**
- **Audible Fast-Forward/Fast-Reverse**
- **Random Play**
- ▶ **Repeat Play** [Track, Disc, Program]
- **Scan [Intro-Track]**
- **Instant Disc-Stop**
- **Function Key Hold**
- **Automatic Power-Off**
- ▶ **Wired Remote Jack**

INCLUDED ACCESSORIES

- ▶ **High Performance Over-Ear Headphones**
- Car Adapter Kit
- AC Power Adapter
- 2 Kenwood NiCad Rechargeable Batteries

- ▶ Features not found on the DPC-472

Features **in this typeface** are explained in the glossary

DPC-472 PORTABLE CD PLAYER WITH CAR ACCESSORIES

KEY FEATURES

- Digital Anti-Skip System (10 Seconds, Off)
- Skip-Resistant Oil-Damped Suspension
- Car Adapter Kit
- Bass Boost
- Dual 1-Bit D/A Converters
- Over-Ear Headphones



PERFORMANCE FEATURES

- ▶ **Digital Anti-Skip System** [10 Seconds, Off]
- **Skip-Resistant Oil-Damped Suspension**
- **Dual 1-Bit Digital-to-Analog Converters**
- 8-Times Oversampling Digital Filter
- **3-Point Posi-Lock CD Anchor**

GENERAL FEATURES

- **Full-Function Display**
- Indicators for Anti-Skip Memory and Battery Time
- **Bass Boost**
- 22 Track Programmable Memory
- **Audible Fast-Forward/Fast-Reverse**
- **Random Play**
- **Repeat Play** [Track, Disc]
- **Scan [Intro-Track]**
- **Instant Disc-Stop**
- **Function Key Hold**
- **Automatic Power-Off**
- Line-Out Jack

INCLUDED ACCESSORIES

- Over-Ear Headphones
- Car Adapter Kit
- AC Power Adapter
- ▶ 2 Kenwood NiCad Rechargeable Batteries
- ▶ Features not found on the DPC-471

Features **in this typeface** are explained in the glossary

DPC-471 PORTABLE CD PLAYER WITH CAR ACCESSORIES



KEY FEATURES

- Digital Anti-Skip System (3 Seconds, Off)
- Skip-Resistant Oil-Damped Suspension
- Car Adapter Kit
- Bass Boost
- Dual 1-Bit D/A Converters
- Over-Ear Headphones

PERFORMANCE FEATURES

- ▶ **Digital Anti-Skip System** [3 Seconds, Off]
- **Skip-Resistant Oil-Damped Suspension**
- **Dual 1-Bit Digital-to-Analog Converters**
- 8-Times Oversampling Digital Filter
- **3-Point Posi-Lock CD Anchor**

GENERAL FEATURES

- ▶ **Full-Function Display**
- ▶ Indicators for Anti-Skip Memory and Battery Time
- **Bass Boost**
- 22-Track Programmable Memory
- **Audible Fast-Forward/Fast-Reverse**
- **Random Play**
- **Repeat Play** [Track, Disc]
- **Scan [Intro-Track]**
- **Instant Disc-Stop**
- **Function Key Hold**
- **Automatic Power-Off**
- Line-Out Jack

INCLUDED ACCESSORIES

- Over-Ear Headphones
- ▶ Car Adapter Kit
- AC Power Adapter

- ▶ Features not found on the DPC-171
features *in this typeface* are explained in the glossary

DPC-171 PORTABLE CD PLAYER

KEY FEATURES

- Bass Boost
- Skip-Resistant
Oil-Damped Suspension
- Dual 1-Bit D/A Converters
- Over-Ear Headphones



PERFORMANCE FEATURES

- Skip-Resistant Oil Damped Suspension
- **Dual 1-Bit Digital-to-Analog Converters**
- 8-Times Oversampling Digital Filter
- **3-Point Posi-Lock CD Anchor**

GENERAL FEATURES

- Player Function Display
- **Bass Boost**
- 22-Track Programmable Memory
- **Audible Fast-Forward/Fast-Reverse**
- **Random Play**
- **Repeat Play** [Track, Disc, Program]
- **Scan [Intro-Track]**
- **Instant Disc-Stop**
- **Function Key Hold**
- **Automatic Power-Off**
- Line-Out Jack

INCLUDED ACCESSORIES

- Over-Ear Headphones
- AC Power Adapter

FEATURES AND SPECIFICATIONS

MODELS	DPC-971	DPC-671	DPC-472	DPC-471	DPC-171
PERFORMANCE FEATURES					
DIGITAL ANTI-SKIP SYSTEM	10-SEC, 5-SEC, OFF	10-SEC, OFF	10-SEC, OFF	3-SEC, OFF	
VERTICAL AND HORIZONTAL OIL-DAMPED SUSPENSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
SKIP-RESISTANT OIL-DAMPED SUSPENSION			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DUAL 1-BIT D/A CONVERTERS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
WIDE CAPTURE SERVO RECOVERY	<input checked="" type="checkbox"/>				
3-POINT POST-LOCK CD ANCHOR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GENERAL FEATURES					
GROUPED FAST-ACCESS FUNCTION CONTROLS	<input checked="" type="checkbox"/>				
ILLUMINATED FULL-FUNCTION DISPLAY	<input checked="" type="checkbox"/>				
INDICATORS FOR ANTI-SKIP MEMORY AND BATTERY TIME	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
LCD DISPLAY		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
BASS BOOST	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
LIGHTNING-RECHARGE BATTERY SYSTEM	<input checked="" type="checkbox"/>				
PROGRAMMABLE MEMORY TRACKS	20	24	22	22	22
AUDIBLE FAST-FORWARD/FAST-REVERSE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RANDOM PLAY	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
REPEAT [TRACK, DISC, PROGRAM]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
REPEAT [TRACK, DISC]			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SCAN [FADE-IN/FADE-OUT, MID-TRACK]	<input checked="" type="checkbox"/>				
INTRO-TRACK SCAN		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INSTANT DISC-STOP	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FUNCTION KEY HOLD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AUTOMATIC POWER-OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
LINE-OUT JACK			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
WIRED REMOTE JACK	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
ACCESSORIES					
HIGH-PERFORMANCE OVER-EAR HEADPHONES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
OVER-EAR HEADPHONES			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
WIRELESS REMOTE	<input checked="" type="checkbox"/>				
CAR ADAPTER KIT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
BATTERY EXTENDER PACK	<input checked="" type="checkbox"/>				
AC POWER ADAPTER	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
HIGH-CAPACITY NiMH RECHARGEABLE BATTERIES (NB-130)	<input checked="" type="checkbox"/>				
NiCAD RECHARGEABLE BATTERIES (NB-88)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

GLOSSARY

FEATURE	DEFINITION	BENEFIT
3-Point Posi-Lock CD Anchor	Anchors the CD securely in place at 3 points	Helps reduce skipping
Audible Fast-Forward/Fast-Reverse	Audibly plays tracks during fast-forward and fast-reverse	Makes it easy to search for a particular part of a song
Automatic Power-Off	Automatically shuts off the CD player 5 seconds after the CD has ended or 5 seconds after the user presses the STOP button	Conserves battery power
Bass Boost	Increases low frequencies by a pre-set amount	Gives music a fuller, richer sound
Digital Anti-Skip System	A circuit that reads musical data from the CD, stores it in memory, and then plays it back from the memory buffer	Decreases skipping caused by bumping or vibration
Dual 1-Bit Digital-to-Analog Converters	Uses 2 digital-to-analog converters	Improves playback sound quality, including musical detail and resolution
Full-Function Display	Shows the status of all player functions	Displays what the player is doing, including the track currently playing and elapsed play time
Grouped Easy-Access Function Controls	Locates all function buttons in a single area	Allows for convenient and quick access
High-Performance Over-Ear Headphones	Uses a larger diaphragm in the speaker mechanism	Improves sound quality
Instant Disc-Stop	Stops the CD's spinning almost instantly when the user opens the cover	Makes it easy to remove the CD without damaging it
Function Key Hold	Disables all of the keys on the face of the player	Prevents accidental activation of the player
Lightning-Recharge Battery System	Fully charges Kenwood Ni-Cad batteries in under 2 hours	Charges batteries in a fraction of normal recharging time (standard charging time is 8 to 12 hours)
Skip-Resistant Oil-Damped Suspension	Special oil-filled rubber suspension dampers that absorb vertical vibrations	Helps reduce skipping
Random Play	Randomly selects and plays songs from the CD	Creates a new way to hear a familiar CD
Repeat Play	Repeats a track or an entire CD	Lets the user easily listen to a song or CD again
Scan (Fade-In/Fade-Out, Mid-Track)	Plays a 10-second sample from the middle of each track, fading in and out between samples, with virtually no waiting time	Lets the user easily identify songs to select for listening
Scan (Intro-Track)	Plays the first 10 seconds of each track on a CD	Lets the user easily identify songs to select for listening
Search (Track)	Advances through the tracks and shows each track number on the display	Lets the user easily find a particular track on a CD
Vertical and Horizontal Oil-Damped Suspension	Special oil-filled rubber suspension dampers that absorb vertical and horizontal vibrations	Decreases skipping caused by bumping or vibration
Wide Capture Servo Recovery	Helps the laser pickup to lock on to the CD's audio data more quickly	Produces better skip protection, faster track changes, and lower power consumption