

KENWOOD
eXcelon

2003 Mobile Entertainment



Drive It Home

Redefining what’s cool

Kenwood Excelon mobile video is so hot you may not be ready for how cool it is. Kenwood Excelon in-dash TV/receivers have the power to turn your car into a movie theater with their **DVD-Video playback capability, 16:9 widescreen displays** and **built-in TV tuners**. The KVT-915DVD even has **built-in Dolby® Digital and DTS® 5.1-channel surround sound decoding** that brings movie theater sound right into your vehicle, and **DVD-Audio playback capability** and **24-bit D/A converters** that can turn your car into an audiophile listening room. Listening to DVD-Audio in your car—now, how cool is that?

Both in-dash TV/receivers feature touchscreen operation, so you can control everything right from the video screen, and the KVT-915DVD’s all-new interface even lets you **control DVD menus**, the **Kenwood Music Keg™** and **SIRIUS® Satellite** by **directly touching your selections** on the screen. And the new **fully-automatic screen mechanism** features a **thinner design** and unique **“Z-Action”** that allows the KVT-915DVD to be installed in a wider range of vehicles.

Kenwood Excelon mobile video will make your car so cool you may never have to run its air conditioner again!



KVT-915DVD

7" Wide Fully Motorized In-dash
TV/DVD-Audio/DVD-Video/CD/
MP3 Receiver



KVT-911DVD

6.5" Wide In-dash
TV/DVD-Video/CD/MP3 Receiver



Mobile TV Features

Video Features	LZ-800W
LCD Screen	8" Wide
Resolution	336,960 Pixels
Widescreen (16:9) Aspect Ratio	*
Selectable Screen Viewing Modes	Normal/Full/Zoom/Just/Cinema
Audio/Video Inputs	2
Audio/Video Outputs	1
Brightness Control	Auto
General Features	
Optical Touch-Screen Control	*
RGB Input	*
Headphone Output	*
Included Accessories	
Adjustable Mounting Stand	*
Optional Accessories	
KTC-V800N Tuner	*
KVA-S300 Video Selector	*
KNA-DV2100 Navigation System	*

Center Speaker Features

Speaker Features	KSC-700CCS
Woofer	2 3/4" x 1 1/2" Track Cone
Tweeter	3/4" HyperNyl Dome
DualMag Design	*
Detachable Speaker Unit	*
Impedance	4 ohms
Power Handling	35 Watts
Frequency Response	300Hz-70kHz
Included Accessories	
Mounting Bracket	*

TV Tuner Features

General Features	KTC-V800N
Compatible with	LZ-800W
Audio/Video Inputs	2
Audio/Video Outputs	1
RGB Input	*
Station Presets	16
Seek Tuning	Auto
Automatic Memory Entry	*
Included Accessories	
Window-Mounted 4-Channel Diversity Antenna	*
Remote Control	*



LZ-800W
8" Mobile TV

KSC-700CCS
Center Speaker



KTC-V800N
Hide-away TV Tuner Unit

In-Dash Television Features

Power Output	KVT-915DVD	KVT-911DVD
Maximum Power	50 Watts x 4 (L/R/LS/RS), 35 Watts x 1 (Center)	45 Watts x 4
Disc Player Features		
Disc Playback Compatibility	DVD-Audio, DVD-Video, DVD-R/RW, CD, CD-R, CD-RW and MP3-Encoded CD-R/RW Discs	DVD-Video, DVD-R/RW, CD, CD-R, CD-RW and MP3-Encoded CD-R/RW Discs
Digital Anti-Skip (DVD only)	3 Seconds	3 Seconds
CD Text	36 Characters	36 Characters
Digital-to-Analog Converter	24-Bit	Integrated Quad 1-Bit
Digital-to-Analog Converter Sampling Rate	192kHz (2-ch), 96kHz (6-ch)	44.1kHz
Precision Digital Timing (DPAC) and Digital Optimum Servo Control	*	*
Random & Repeat Play	*	*
Intro Scan	*	*
Changer Control Type (see table for details)	2	2
Control Capability	5-Line	5-Line
Video Features		
LCD Screen	7" Wide	6.5" Wide
Resolution	336,960 Pixels	336,960 Pixels
Retractable Motorized Screen	Fully-Automatic	Semi-Automatic
Adjustable Video Screen Angle		Up/Down
Widescreen Aspect Ratio	16:9	16:9
Selectable Screen Viewing Modes	Normal, Full, Just, Zoom	Normal, Full, Just, Zoom
Adjustable Monitor Angle	Up/Down	Up/Down
Built-In VHF/UHF TV Tuner	*	*
TV Station Presets	12	12
Automatic Memory Entry	*	*
RGB Input	*	*
Audio Features		
Dolby Digital, DTS and Dolby Pro Logic II Surround Sound	*	
Audio DSP Listening Modes	10	
Digital Time Alignment and Listening Position Adjustments	with Vehicle-Type Presets	
Bass Management	Full-Digital, Quick Setup	
System E's + Advanced Crossover System	*	*
Preouts (Gold-Plated)	Front, Rear, Non-Fading (w/NF Level Adjustment)	Front, Rear, Non-Fading (w/NF Level Adjustment)
High-Voltage Preamp Output/Low Output Impedance	5V/<80 ohms	4.5V/<80 ohms
Audio-Video Inputs/Outputs	2/1	2/1
System Q EX Sound Control with User Memory	*	*
Tone Controls	4-Band Parametric EQ	Bass/Treble
Ultrasonic Filter	90kHz, Switchable	
B.M.S Amplifier Interface	*	*
Attenuator with Smooth Volume Return	*	*
Electronic Audio Control	*	*
Source Tone Memory	*	*
Loudness Control	*	*
Front-Rear Fader	*	*
Dual-Zone Audio Control	*	*
FM/AM Tuner Features		
SIRIUS Satellite Ready	*	*
HD Radio Ready	*	*
Radio Data System (RDS)	*	*
Kenwood CR-2 Advanced Tuner	*	*
High-Speed Multipath Control (CRSC) with ANRC	*	*
Station Presets	24 (18FM, 6 AM)	24 (18FM, 6 AM)
Station Naming	24 Stations	24 Stations
Station Name Preset Play	*	*
Automatic Memory Entry	*	*
Seek Tuning	*	*
Direct Access Tuning	*	*
General Features		
Touchscreen Control	with New Graphic User Interface	*
DIN-Size In-Dash Mounting	with Hideaway Box	with Hideaway Box
Programmable Security Code System	*	*
Removable Faceplate with Carrying Case	*	
Direct Menu DVD Control	*	*
LCD Display (for use with video screen closed)	*	
Touch-Tone Buttons	Defeatable	Defeatable
Finish	Silver/Ebony	Ebony
Disabled System Indicator	*	*
Iso-Mount Capability for Japanese Vehicles	*	*
Included Accessories		
4-Channel Diversity Antenna	*	*
Grip-Type 10-Key Remote	*	*
Optional Accessories		
Kenwood Music Keg	*	*
KNA-DV3100 Navigation System	*	*
KTC-SR902 SIRIUS Satellite Tuner	*	*
KSC-700CCS Center Speaker	*	

The easiest way to take your music collection on the road

The Kenwood Excelon Music Keg™ makes it simpler than you ever imagined to store up to 5,000 of your favorite songs in your vehicle—in 3 easy steps, in fact:

01



Connect the Kenwood Music Keg DMS cartridge to a computer using the included USB docking cradle. Use the intuitive Music Manager Software to transfer your music to the cartridge.

02



The transportable DMS cartridge allows you to easily move your music collection from your PC to your car—up to 5,000 song capacity.

03



Insert the DMS cartridge into the Kenwood Music Keg unit, and you have enough music to take you anywhere you want to go (and back again)!

Kenwood Excelon Music Keg™ Features

Car Unit Features	KHD-CX910
Compatible with Most 2001-2003 and Select 1998-2000 Kenwood Head Units with Changer Control	•
Compatible with Virtually any Car Stereo (using optional KCA-R70FM adapter)	•
Mounts Like Standard Changers	•
Digital-to-Analog Converter	24-Bit Resolution
Displays MP3 File Names and ID3 Tags	•
DMS Cartridge Features	
20GB Storage Capacity (approx. 5,000 Songs)	•
Internal Shock-Absorbing Suspension	•
USB Docking Cradle Features	
USB Connection	•
Available as Accessory for use with Multiple Computers	•
Kenwood Music Manager Software Features	
Encodes MP3, WMA, FLAC and WAV File Formats	•
Compatible with Audible.com Spoken-Word Files	•
Downloads via Internet	•
Multiple MP3/WMA Compression Rates	Selectable, up to 320kbps
Variable Bit-Rate Compatible	•
Dynamic and Static Playlist Capability	up to 999 (with 999 Songs per List)
Automatic Playlist Updating	Dynamic Playlists
Integrated Web Browser	•
ID3 Tag Edit Capability	•
Keyword Song Search	•
Compatible with	Windows 2000® Windows ME® Windows 98SE® Windows XP®
Not Compatible with	Windows 95®
Macintosh Compatible	Only with Virtual PC Programs
Optional Accessories	
KCA-R70FM Adapter	•

Kenwood Excelon Music Keg™

KHD-CX910

WMA MP3

FLAC WAV

KENWOOD
music keg



Seeing is believing—or is it?

The new Kenwood Excelon receivers are all about what you see—and what you don't.

3D MASK™ is our all-new 3-dimensional motorized control and display system, and it's totally trick. Activate the 3D MASK motorized control panel and it automatically glides down and forward, revealing an **extra-large display panel** with **out-of-this-world graphics** that are easier than ever to see. (You can even customize the KDC-X969's display graphics.) The **separate display and control panels** have been enlarged, so they're simple to operate, and you can **adjust their angles** to maximize visibility and minimize installation hassles. Turn the ignition off, and the 3D MASK control panel **revolves all the way around**, revealing a **blank panel** that looks like no stereo at all. (Sometimes what you don't see is just as important as what you do see.)



All 3D MASK units feature **Soft Key Control**, making these new receivers **extremely simple** to operate. There are fewer control buttons, and each button's function is shown on the display directly above it, so you can find the button you want right when you want it. And the large **dynamic rotary encoder volume control** lets you dial-in just the right amount of *loud* while keeping your eyes on the road.

SRS WOW® takes your music into a new dimension. By combining three sound enhancement technologies, SRS WOW optimizes performance and simplifies operation: **SRS 3D Surround** creates a natural 3-dimensional sound experience for everyone in the vehicle, **SRS FOCUS** vertically raises the sound stage and improves the center image, and **SRS TruBass** dramatically improves bass reproduction from small speakers.

Proven features like **System E's+ Advanced Crossover**, **System Q EX Sound Control**, and **5V high-voltage preouts** give you competition-quality flexibility and control of your sound, so your CDs, MP3 and WMA files, SIRIUS®, and HD Radio™ sound better than ever.

Step up to a Kenwood Excelon in-dash receiver. You and your passengers won't believe your eyes (and ears).



KDC-X969

CD/MP3/WMA Receiver

3D MASK WMA MP3
SRS WOW SIRIUS HD Radio music keg ready



KDC-X869

CD/MP3 Receiver

3D MASK MP3 SRS SIRIUS HD Radio music keg ready



KDC-X769

CD Receiver

3D MASK SIRIUS HD Radio music keg ready



KDC-X569

CD/MP3 Receiver

MP3 SIRIUS HD Radio music keg ready

KDC-X469

CD Receiver

SIRIUS HD Radio music keg ready



DPX-6020

Dual DIN Size CD/Cassette Receiver with DSP

KRC-X858

Cassette Receiver



CD Receiver Features

Power Output	KDC-X969	KDC-X869	KDC-X769	KDC-X569	KDC-X469
Maximum Power	50 Watts x 4	50 Watts x 4	50 Watts x 4	50 Watts x 4	50 Watts x 4
Full-Bandwidth Power	22 Watts x 4	22 Watts x 4	22 Watts x 4	22 Watts x 4	22 Watts x 4
Disc Player Features					
WMA-Encoded CD-R Playback w/Hi-Speed File Access	•				
MP3-Encoded CD-R Playback w/Hi-Speed File Access	•	•		•	
CD, CD-R/RW Playback	•	•	•	•	•
CD Text	•	•	•	•	•
Disc Naming	•	•	•	•	•
0-Bit Mute	Independent L/R	Independent L/R	Independent L/R	•	•
Integrated Quad 1-Bit D/A Converter	•	•	•	•	•
8-Times Oversampling Digital Filter	•	•	•	•	•
Digital Optimum Servo Control	•	•	•	•	•
Precision Digital Timing (DPAC)	•	•	•	•	•
Random & Repeat Play	•	•	•	•	•
Intro Scan	•	•	•	•	•
Changer Control Type (see table)	2	2	2	2	2
Audio Features					
System E's +™ Advanced Crossover System	•	•			
High-Pass Electronic Crossover (Front: 100/125/170Hz/Through; Rear: 200Hz/Through, 12dB/oct)			•	•	•
Low-Pass Electronic Crossover (50/80/120Hz/Through, 12dB/oct)			•	•	•
Front, Rear & Non-Fading Preouts w/Non-Fading Level Adjustment	Gold-Plated	Gold-Plated	Gold-Plated	•	•
High-Voltage Preamp Output/Low Output Impedance	5V/<80 ohms	5V/<80 ohms	5V/<80 ohms		
SRS® WOW Sound Enhancement (with Focus, TruBass & 3-D Sound)	•	•		•	•
System Q EX™ Sound Control with User Memory	•	•	•		
Tone Controls	Bass/Mid/Treble	Bass/Mid/Treble	Bass/Mid/Treble	Bass/Mid/Treble	Bass/Mid/Treble
B.M.S. Amplifier Interface	•	•	•	•	•
Attenuator with Smooth Volume Return	•	•	•	•	•
Electronic Audio Control	•	•	•	•	•
Source Tone Memory	•	•	•	•	•
Loudness Control	•	•	•	•	•
Front-Rear Fader	•	•	•	•	•
Rotary Encoder Volume Control	•	•	•	•	•
Aux Input	•	•	•		
Dual-Zone Audio Control	•	•	•	•	•
Amplifier Features					
MOSFET Power Amplifier IC	•	•	•	•	•
Muting Circuit for Internal Power Amplifier	Switchable	Switchable	Switchable	Switchable	Switchable
Tuner Features					
Sirius Satellite Radio-Ready	•	•	•	•	•
HD Radio-Ready	with Internal Tuner Override	with Internal Tuner Override	with Internal Tuner Override	•	•
Radio Data System (RDS)	•	•			
Kenwood CR-2 Advanced Tuner	•	•	•	•	•
High-Speed Multipath Control (CRSC) with ANRC	•	•	•	•	•
Station Presets	24 (18FM, 6 AM)	24 (18FM, 6 AM)	24 (18FM, 6 AM)	24 (18FM, 6 AM)	24 (18FM, 6 AM)
Automatic Memory Entry	•	•	•	•	•
Seek Tuning	•	•	•	•	•
General Features					
3 D MASK™ Self-Hiding Removable Faceplate	•	•	•		
Flip-Down Removable Faceplate				•	•
Programmable Security Code System	•	•	•	•	•
3 D MASK™ Faceplate Angle Adjustment & Slide Angle Adjustment	•	•	•		
Black MASK™ Display Blackout	•	•	•		
LCD Display	High-Resolution Color 2-Section,with Fluorescent Backlight	High-Resolution Color Multi-Mode, with Fluorescent Backlight	High-Resolution Color Multi-Mode, with White LED Backlight	Color Multi-Mode, with White LED Backlight	Color Multi-Mode, with White LED Backlight
Main Display Readout	144 x 36 4-Tone Fine Dot Matrix	Full Dot Matrix, Fine Pitch	5 x 7 12-Character Dot Matrix	5 x 7 12-Character Dot Matrix	5 x 7 12-Character Dot Matrix
Secondary Display Readout	32 x 16 Full-Color Dot Matrix				
Stores & Displays up to 40 User-Created Graphic Screens & One 5.3-Second MPEG Movie	•				
Display Contrast & Dimmer Controls	2-Step Dimmer	2-Step Dimmer	•	•	•
Sub-Illumination	Blue	Blue	Blue	Blue	Blue
Illuminated Function Buttons	Green/Red (Selectable)	Green/Red (Selectable)	Green/Red (Selectable)	Green/Red (Selectable)	Red
Soft Key Controls	•	•	•		
Touch-Tone Buttons	Defeatable	Defeatable	Defeatable	Defeatable	Defeatable
Finish	Ebony	Ebony	Ebony	Ebony	Ebony
Clock	•	•	•	•	•
Iso-Mount Capability for Japanese Vehicles	•	•	•	•	•
Power Supply Stabilization Capacitor	•	•	•	•	•
Included Accessories					
Grip-Type 10-Key Remote	•	•	•	•	•
Optional Accessories					
Kenwood Music Keg™	•	•	•	•	•
KTC-SR902 Sirius Satellite Radio Tuner	•	•	•	•	•
Disc Player Specifications					
Total Harmonic Distortion (1kHz)	0.01%	0.01%	0.01%	0.01%	0.01%
Signal-to-Noise Ratio (1kHz)	105dB	105dB	105dB	105dB	105dB
Dynamic Range	93dB	93dB	93dB	93dB	93dB
Channel Separation	95dB	95dB	95dB	96dB	96dB
Frequency Response (±1dB)	10Hz-20kHz	10Hz-20kHz	10Hz-20kHz	10Hz-20kHz	10Hz-20kHz



CD/Cassette Receiver Features

Power Output		DPX-6020
Maximum Power		47 Watts x 4
Full-Bandwidth Power		22 Watts x 4
Compact Disc Features		
CD, CD-R/RW Playback		•
Plays 3" Discs without Adapters		•
Integrated Quad 1-Bit D/A converter		•
8-Times Oversampling Digital Filter		•
Digital Optimum Servo Control		•
Precision Digital Timing (DPAC)		•
CD Text		•
Random & Repeat Play		•
Intro Scan		•
Disc Naming		50 Discs
Changer Control Type (see table for details)		2
Cassette Features		
Auto-Reverse Transport		•
Full-Logic Transport Control		•
Dolby® B Noise Reduction		•
Double-Guttered Tape Head		•
Metal Tape Selector		•
Tape Counter		•
DPSS: Song Search		•
Blank Skip		•
Index Scan		•
Audio Features		
Digital Electronic Crossover		High-Pass & Low-Pass
Front, Rear & Non-Fading Preouts w/Non-Fading Level Adjustment		•
Digital Output		•
Low Output Impedance		<80 ohms
B.M.S. Amplifier Interface		•
Graphic Equalizer		9-Band (±12dB)
Factory Preset EQ Curves		5
Audio DSP Modes with 3-Step Effect Control		11
Digital Time Alignment with 5-Pattern Listening Control		•
DSP Vehicle Cabin Size Adjustment		Small/Med/Large
DSP Vehicle Noise Compensation		3-Step
Combination DSP EQ and Time Alignment User Presets		3
3-Step Digital Bass Boost		•
Attenuator with Smooth Volume Return		•
Electronic Audio Control		•
Source Tone Memory & Source Volume Offset		•
Loudness Control		•
Front-Rear Fader		•
Tuner Features		
Kenwood CR-1 Tuner		•
High-Speed Multipath Control (CRSC) with ANRC		•
Station Presets		24 (18FM, 6 AM)
Automatic Memory Entry		•
Station Naming		30 Stations
Station Name Preset Play		•
Tuner Mode Antenna Control		•
General Features		
Motorized Flip-Down Front Panel		with Viewing Angle Adjustment
Double-DIN Size In-Dash Mounting		•
Programmable Security Code System		•
Display		Full-Color, with Fluorescent Backlight
Display Readout		MegaMotion™ Fine Dot Matrix
Automatic Display Dimmer Defeatable		•
Auto Dimmer Wire		•
Illuminated Function Buttons		Green/Red (Selectable)
Status Indicator		Blue
Touch-Tone Buttons		Defeatable
Finish		Gray
Clock		•
Iso-Mount Capability for Japanese Vehicles		•
Included Accessories		
Grip-Type, 10-Key Remote		•
Optional Accessories		
KAC-RC700 Steering Wheel Remote		•
KCA-S210A 2-Changer/Aux Input Adapter		•

Cassette Receiver Features

Power Output		KRC-X858
Maximum Power		45 Watts x 4
Full-Bandwidth Power		22 Watts x 4
Cassette Features		
Auto-Reverse Transport		•
Full-Logic Transport Control		•
Dolby® B Noise Reduction		•
Double-Guttered Tape Head		•
Metal Tape Selector		•
Tape Counter		•
DPSS: Song Search		•
Blank Skip		•
Track Repeat		•
Audio Features		
System E's +™ Advanced Crossover System		•
Front, Rear & Non-Fading Preouts w/Non-Fading Level Adjustment		Gold-Plated
High Voltage Preamp Output/Low Output Impedance		4.5V (in Changer Mode)/<80 ohms
B.M.S. Amplifier Interface		•
KEX™ Sound Control		•
Tone Controls		Bass/Treble
Attenuator with Smooth Volume Return		•
Electronic Audio Control		•
Source Tone Memory		•
Loudness Control		•
Front-Rear Fader		•
Dual-Zone Audio Control		with Optional Adapter
Tuner Features		
Radio Data System (RDS)		•
Kenwood CR-2 Advanced Tuner		•
High-Speed Multipath Control (CRSC) with ANRC		•
Station Presets		24 (18FM, 6 AM)
Automatic Memory Entry		•
Seek Tuning		•
Tuner Mode Antenna Control		•
DAB Tuner Control		•
General Features		
D MASK +™ Self-Hiding Removable Faceplate with Viewing Angle Adjustment		•
Programmable Security Code System		•
LCD Display		High-Resolution Color, with White LED Backlight
Display Readout		5 x 7 Dot Matrix, 12-Character
Display Contrast & Dimmer Controls		•
Illuminated Function Buttons		Green/Red (Selectable)
Memory Calendar		•
Touch-Tone Buttons		Defeatable
Finish		Ebony
Clock		•
Iso-Mount Capability for Japanese Vehicles		•
Changer Control Type (see table)		2
Included Accessories		
Grip-Type, 10-Key Remote		•
Optional Accessories		
KAC-RC700 Steering Wheel Remote		•
Cassette Specifications		
Frequency Response		30Hz-18kHz (70µs, ±3dB)
Wow & Flutter (WRMS)		0.08%
Signal-to-Noise Ratio		65dB (Dolby B on), 57dB (Dolby off)
Channel Separation		(1kHz) 43dB

The best navigation system just keeps getting better

Our new KNA-DV3100 DVD navigation system is the best Kenwood navigation system yet. Not only does it offer intuitive **touchscreen operation** when connected to one of our touchscreen monitors (such as the KVT-915DVD, LZ-800W or KVT-M700), the **optional remote control** also allows it to be **used with conventional monitors**. And seven languages of **voice recognition** lets you operate virtually all of the KNA-DV3100's features and still keep your hands on the wheel.

The KNA-DV3100 is loaded with new features: Once you've selected a destination, a new **3-Route Comparison Display** will show you three different ways to get there, so you can choose the one you want. Looking for a hotel, restaurant or some other amusement along the way? The KNA-DV3100's database is positively overflowing with over **10,000,000 points-of-interest** so you're sure to find the perfect spot. The included DVD-ROM is programmed with our **most super-detailed mapping yet** (nearly 6 million miles), and a brand-new **Route Information Display** shows pop-up icons for restaurants and other points-of-interest along your route. No matter where you're headed, the KNA-DV3100's **voice guidance** makes sure you get there by reminding you before every turn. The KNA-DV3100 puts the power of Kenwood navigation right at your fingertips.



DVD Navigation Features

User Interface Features	KNA-DV3100
Touch-Screen Control (when Used with Compatible Kenwood Mobile Televisions)	•
Remote-Controllable (when Used with Conventional Mobile Televisions)	with Optional Remote
Easy-to-Use Graphical Interface	•
3-Dimensional or 2 -Dimensional Map Display	Selectable
Adjustable 3-D Map View Angle	•
13-Step Map Display Scale	•
Selectable Visual Guidance Modes	Full Map, Split Map w/Turn List, Split Map w/Arrow
3-Route Comparison Display	•
One-Touch Scroll Speed	•
Hi-Speed Scrolling	•
Voice Recognition Control	w/Optional Kit
Voice Guidance	•
Voice Languages	8
Turn-by-Turn Instructions via Voice Prompt	•
Auto Re-Route in Event of Wrong Turn	Hi-Speed (less than 2 seconds)
Detour Re-Routing	•
Route Information Display	w/Pop-Up Icons
Route Preference Function	•
3 Route Variations	Minimize Time, Minimize Distance, Other
Destination Search Mode	•
Performance Features	
Piezo-Electric Vibrating Gyroscope	•
Wheel Rotation Speed Pulse Sensor	•
Vehicle Position Sensing	GPS/Gyro/Speed Pulse
Map Matching Position Comparison	Includes Dead Reckoning
SDRAM Memory	32MB
Number of Miles Mapped	over 6,000,000
Point-of-Interest Database	over 10,000,000
GPS Features	
GPS Receiver	8-Channel
Position Updating	2 Calculations per Second
Screen Updating	Once per Second
Connection Features	
Audio/Video Output	•
Speaker Output	•
Remote Control Input	•
RGB/Touch Screen Input	•
RS-422 Interface for Future Expansion	•
Included Accessories	
Micro Strip Plane Antenna	•
Optional Accessories	
KVT-915DVD and KVT-911DVD In-Dash Television/ DVD Receivers	•
KVT-M700 In-Dash Television/Receiver	•
LZ-800 Mobile Television	•
KNA-RC300 Remote Control	•
KNA-VC300 Microphone and Voice Switch	•

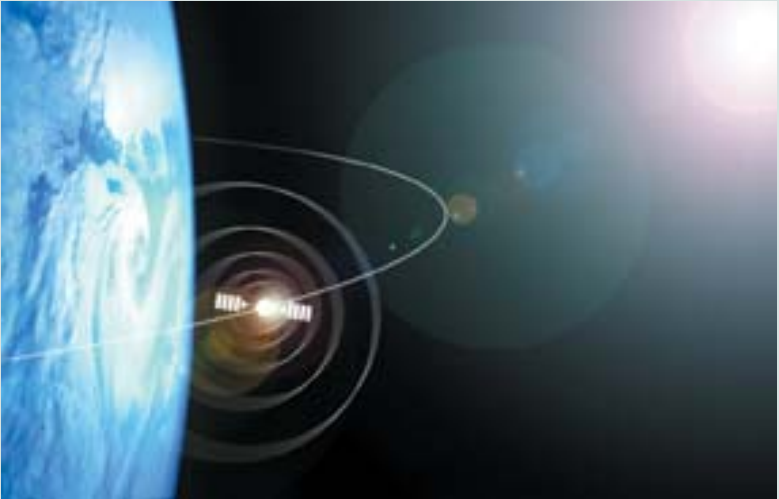


KNA-DV3100
Touchscreen DVD Navigation System



SIRIUS®
it's_ON

SIRIUS is all about the music. Their **60 commercial-free original music streams** have been crafted by SIRIUS' Stream Designers to deliver a **huge variety** of the music you want **with depth and insight**, but without advertising, corporate agendas, or censorship. And when you want the latest scores or stock reports, SIRIUS also has **40 world-class news, sports, and entertainment streams** that will keep you on top of your game, 24/7.



SIRIUS has 3 satellites flying in figure-8 orbits, so you can **drive from coast-to-coast and the signals will follow you all the way**. And SIRIUS' exclusive S>PLEX technology puts the bandwidth right were it's needed, giving you **superior sound resolution** no matter what stream you're listening to.

Now, Kenwood has three ways for you to get SIRIUS. The KTC-SR902 tuner **connects directly** to any 2003 Kenwood Excelon CD receiver (and most other 2003 Kenwood in-dash receivers), while the new **Here2Anywhere™** tuner gives you SIRIUS' 100 digital entertainment streams wherever you listen to music—the optional car installation kit lets you **listen through your car stereo** and the optional home installation kit **connects to your home stereo**.

Want to get SIRIUS but don't have a Kenwood SIRIUS-ready car stereo? The **KCA-R70FM** adapter makes it a snap to use the KTC-SR902 tuner with any car stereo that has an FM radio.



If you're driven by the love of music, you're always going to want SIRIUS along for the ride.

HD Radio™
Your favorite stations never sounded so good

HD Radio™ is **digital FM and AM broadcasting**, so you can enjoy your favorite FM and AM stations with digital sound quality and text info. Your music will sound better than ever!



The KTC-HR100 HD Radio tuner **connects directly** to all 2003 Kenwood Excelon CD receivers; in 3D MASK™ receivers, the HD Radio tuner **replaces the receiver's internal FM/AM tuner**, simplifying source selection. The KTC-HR100 is both digital and analog, so a single tuner can receive all FM and AM stations, and it's smart enough to automatically switch between the two seamlessly.



KCA-R70FM
SIRIUS® Satellite and
Kenwood Music Keg™ FM Adapter

Here2Anywhere™ KTC-H2A1
Portable SIRIUS® Satellite Tuner



CX-SR20
SIRIUS® Antenna



KTC-SR902
SIRIUS® Tuner

FM Adapter Features

SIRIUS Satellite Control Features		KCA-R70FM	
Scrolling Text Display		Channel, Category, Song Title, Artist Name, Title	
Channel Seek		•	
Channel Presets		24	
Preset Seek & Scan		•	
Direct Access Tuning		with Remote	
Kenwood Music Keg Control Features			
ID3 Tag Display		Scrolling, 36 Character	
Skip Up/Down		Playlist, Track	
Random Play		Playlist, All Songs	
Repeat Play		Playlist, Track	
Intro Scan		Track	
Play/Pause		•	
Changer Control Features			
CD Text Display		Scrolling, 36 Character	
Audible Fast-Forward/Fast-Reverse		•	
Search		Track, MP3 Folder, Disc	
Direct Disc and Track Access		with Remote	
Random Play		MP3 Folder, Disc, All Discs	
Repeat Play		Track, Disc	
Intro Scan		Track	
Play/Pause		•	
General Features			
Dash-Mount Display/Controller & Hide-Away Unit		•	
Connects to Most Car Audio Systems through FM Tuner		•	
Allows Kenwood Music Keg Preouts to Connect Directly to Head Unit Preamp Inputs		•	
Controls 2 Devices (via SIRIUS Tuner Pass-Thru Function)		•	
4-Step Modulation Level (Gain) Setting		•	
Dynamic Control (Automatic Level and Separation Control)		•	
Modulation Frequencies 12		(in 200kHz steps, 87.7MHz-89.9MHz)	
PLL Frequency-Locked Transmission System		•	
LCD Status Display		•	
Remote		Full-Function 10-Key	
Flush-Mount Trim Panel for Dashboard Mounting		•	

Sirius® Tuner Features

Tuner Features	KTC-SR902
Connects Directly to Most 2002-2003 and Many 2001 Kenwood CD and Cassette Receivers and In-Dash Televisions	•
Compatible with Any FM Car Stereo	using optional KCA-R70FM adapter
Connects via 5-Line Changer Terminal	•
Does Not Require Separate Power & Ground Connections	•
Left & Right RCA Preouts	•
Single-Wire Antenna Connection	•
Built-In ALC	•
Requires Optional CX-SR20 Antenna (or equivalent)	•
Sirius System Features	
3 High-Altitude Geo-Synchronous Orbiting Satellites Minimize Service Interruptions and Multipath Interference	•
Coast-to-Coast Coverage	•
Superior Sound Quality	•
Subscription Service Features	
60 Commercial-Free Music Streams	•
40 News, Sports and Information Streams	•
Optional Accessories	
CX-SR20 Antenna	•

Here2Anywhere™ Features

Tuner Features	KTC-H2A1
Portable SIRIUS Satellite Tuner	•
160 x 32 Dot Matrix LCD Display	Scrolling
Search Modes	Stream, Category, Artist, Song, Preset
Multiple Display Modes	Normal, Large Font
Song Title and Artist Memory/Recall	up to 10 Songs/Artists
Stream Presets	24
Adjustable Display Brightness	3-Level
Quick Release Mechanism	•
Requires Optional Car and/or Home Docking Kits and Antennas	•
SIRIUS System Features	
3 High-Altitude Geo-Synchronous Orbiting Satellites Minimize Service Interruptions and Multipath Interference	•
Coast-to-Coast Coverage	•
Superior Sound Quality	•
Subscription Service Features	
60 Commercial-Free Music Streams	•
40 News, Sports and Information Streams	•
Optional Accessories	
KPA-H2C Car Docking Kit	•
KPA-H2H Home Docking Kit	•
Antenna	•



All the performance you expect from Kenwood Excelon, only more of it

Just because you want to play a lot of discs doesn't mean you should settle for less than the best sound. Kenwood Excelon changers deliver Kenwood Excelon performance for miles and miles.

For super-accurate musical reproduction, Kenwood Excelon changers incorporate **20-bit resolution** digital circuitry, our exclusive **DRIVE digital distortion reduction** circuitry and **0-bit muting**. They're rugged & **virtually skip-proof**:

A Kenwood-designed **antivibration disc transport** keeps the music flowing even when the road gets rough. And for mounting flexibility, they can be **mounted at three different angles** in your vehicle. Add **CD Text** capability and **Disc Naming** and you're ready to roll with tunes from here to just about anywhere.

KDC-CX87
10 Disc CD Changer



Changer Features

Compact Disc Features	KDC-CX87
Disc Capacity	10 Discs
Plays Conventional CD and CD-R/RW Discs	•
DRIVE Digital Distortion Reduction Circuitry	•
0-Bit Mute	•
Integrated Quad 1-Bit D/A Converter	20-Bit Resolution
8-Times Oversampling Digital Filter	20-Bit Resolution
Digital Optimum Servo Control	•
Precision Digital Timing (DPAC)	•
Kenwood-Designed Anti-Vibration Disc Transport	•
CD Text	•
Disc Naming	100 Discs
General Features	
Compatible with All Kenwood Units with Changer Control	•
3-Angle Mounting	•
Super Capacitor Memory	•
Allows Control of Additional Changer or Aux Input	•
Finish	Ebony
Control	5-Line
Optional Accessories	
KCA-M112 Changer Magazine	•
Disc Player Specifications	
Total Harmonic Distortion (1kHz)	0.01%
Signal-to-Noise Ratio (1kHz)	100dB
Dynamic Range	96dB
Channel Separation	96dB
Frequency Response (±1dB)	5Hz-20kHz

Changer Control Features

Changer Control Features	Type 2
Changer Control Capability	2, 1+ Aux (w/KCA-S210 or Compatible Changer)
Kenwood Music Keg Ready	•
CD Text Display	•
Disc Naming	•
Disc Name Preset Play	•
Play Time Display	•
Random Play	Disc, Magazine
Repeat Play	Track, Disc
Scan	Track, Disc



You can have it all

Kenwood Excelon amps don't force you to choose between **ultra-high audio performance and blistering power**—they offer both qualities, and then some. By combining the latest technology with intelligent design, high-performance components and heavy-duty construction, these amps can go all the way from delicate to devastating.

Class D operation gives the KAC-X810D and the KAC-X650D's subwoofer channel paint-peeling bass performance. By using digital switching to amplify the audio signal, Class D's ultra-high efficiency means volcanic power (up to **1600 watts max power** in the KAC-X810D!) with far less heat generated, so these amps stay cool even when your music is blazing hot.

With our exclusive **Bass Management System** (B.M.S.) you can boost the amp's bass by +6dB, +12dB or +18dB and our new B.M.S. Downshift™ lets you select a 30% lower bass effect frequency, all right from a compatible head unit. B.M.S.'s high Q-value provides strong bass enhancement while not getting in the way of the midrange (and its all-important vocals).

With **3 configurations** (multi-channel, 2-channel and mono), **built-in high-pass filters, low-pass filters, infrasonic filters and even a band-reject filter** on the KAC-X810D, Kenwood Excelon amps have the flexibility to be the perfect engine for any hi-end mobile sound system.



KAC-X810D
Mono Power Amplifier

MAX. POWER **1600W**

KAC-X650D
5-Channel Power Amplifier

MAX. POWER **300W**×2 + MAX. POWER **600W**



KAC-X520D
2-Channel Power Amplifier

MAX. POWER **1000W**



Amplifier Features

Power Output		KAC-X650D
4 Ohm @ 14.4V		60 Watts x 4 (20Hz-20kHz, 0.08% THD) + 200 Watts x 1 (20-200Hz, 0.5% THD)
2 Ohm @ 14.4V		80 Watts x 4 (1kHz, 0.5% THD) + 300 Watts x 1 (100Hz, 0.8% THD)
Bridged @ 14.4V		160 Watts x 2 (1kHz, 0.5% THD) + 300 Watts x 1 (100Hz, 0.8% THD)
4 Ohm @ 12V		40 Watts x 4 (20Hz-20kHz, 0.05% THD) + 130 Watts x 1 (100Hz, 0.5% THD)
2 Ohm @ 12V		60 Watts x 4 (1kHz, 0.5% THD) + 200 Watts x 1 (100Hz, 0.8% THD)
Bridged @ 12V		120 Watts x 2 (1kHz, 0.8% THD) + 150 Watts x 1 (100Hz, 0.8% THD)
Maximum Output Power		300 Watts x 2 + 600 Watts x 1
Audio Features		
Channels of Operation		5, 4 or 3
Operation Modes		L+R, Mono, Tri-Mode
Class D Operation		Subwoofer Channel
Input Selector		A/AB/A-Sub/AB-Sub, with Independent Gain Adjustment
Low-Pass Electronic Crossover		50Hz-200Hz (variable), 24dB/oct (sub channel)
High-Pass Electronic Crossover		50Hz-200Hz (variable), 12dB/oct (A/B channels)
Variable Band Reject Filter		
Infrasonic Filter		Off/15Hz (selectable), 24dB/oct
Bass Management System (B.M.S.)		Off/+6dB/+12dB/+18dB (Sub Channel), with Compatible Head Unit
B.M.S. Downshift (-30%)		•
Balanced Isolation Circuit		•
Phase Switch		
Glass Epoxy Printed Circuit Board		•
RCA Audio Inputs		Gold-Plated
RCA Line Outputs		
Speaker Connectors		Gold-Plated, Screw-Type
Speaker Relay Protection		•
Quiet Turn-On		•
Power Supply Features		
Microprocessor-Controlled Operation		•
Independent Power Supply for Subwoofer Amplifier		•
Power MOSFET Switching Power Supply		•
Copper-shielded EE Core Power Transformer		•
Large Secondary Capacitors		•
Large Toroidal Noise Suppression Filter		•
Power Supply Primary Section Buss Bars		
Glass Epoxy Printed Circuit Board		•
Brushless Cooling Fan		
Power Input Terminals		Gold-Plated, Large Screw-Type
Variable Color Status Indicator		with 7 Selectable 'Power-On' Colors
Low Voltage Warning with Memory		•
2-Ohm Stable		•
1-Ohm Stable		
Amplifier Specifications		
Signal-to-Noise Ratio		105dB (A&B ch), 100dB (sub ch)
Damping Factor		>100 (A&B ch), >26 (sub ch)

KAC-X520	
125 Watts x 2 (20Hz-20kHz, 0.05% THD)	
250 Watts x 2 (1kHz, 0.5% THD)	
500 Watts x 1 (1kHz, 0.5% THD)	
90 Watts x 2 (20Hz-20kHz, 0.05% THD)	
170 Watts x 2 (1kHz, 0.5% THD)	
340 Watts x 1 (1kHz, 0.5% THD)	
1000 Watts x 1	
2 or 1	
Stereo, Mono, Tri-Mode	
50Hz-200Hz (variable), 18dB/oct	
50Hz-200Hz (variable), 12dB/oct	
Off/15Hz (selectable), 24dB/oct	
Off/+6dB/+12dB/+18dB, with Compatible Head Unit	
•	
•	
•	
Gold-Plated	
Gold-Plated	
Gold-Plated, Screw-Type	
•	
•	
•	
•	
•	
•	
•	
Gold-Plated, Large Screw-Type	
with 7 Selectable 'Power-On' Colors	
•	
•	
105dB	
>200	

KAC-X810D	
400 Watts x 1 (20Hz-200Hz, 0.5% THD)	
800 Watts x 1(100Hz, 0.5% THD)	
300 Watts x 1 (20Hz-200Hz, 0.5% THD)	
600 Watts x 1 (100Hz, 0.5% THD)	
1600 Watts x 1	
1	
Mono	
•	
50Hz-200Hz (variable), 24dB/oct	
40Hz-200Hz (variable), 6dB/12dB (selectable)	
Off/15Hz/25Hz (selectable), 24dB/oct	
Off/+6dB/+12dB/+18dB, with Compatible Head Unit	
•	
•	
0°/-180° (Selectable)	
•	
Gold-Plated	
Gold-Plated	
Gold-Plated, Screw-Type	
•	
•	
•	
•	
•	
•	
•	
Gold-Plated, Large Screw-Type	
with 7 Selectable 'Power-On' Colors	
•	
•	
100dB	
>40	



The right speakers

No matter what kind of music you listen to, the wrong speakers can make it sound, well, wrong.

Kenwood Excelon speakers use world-class design and technology to precisely and powerfully reproduce your favorite music, whether it's jazz, electronica, hip-hop, opera, hard rock, or flamenco guitar. Our **exclusive DualMags™** speakers use 2 small magnets that are 8 times stronger than conventional magnets for precise control, vanishingly low distortion and powerful bass in a small, easy-to-install package. And **PBO advanced fiber woofer cones** combine extreme strength with extreme heat resistance, giving you exceptional sound quality and high power handling (things you usually can't get in a single speaker).

And we pay attention to the top end of your sound as well. Our **HyperNyl and titanium dome tweeters** have the extended response it takes to accurately reproduce DVD Audio, while our **PEI and PPTA film balanced domes** give you all the crystal clarity your music demands. No matter what kind of music you give them, Kenwood Excelon speakers will consistently deliver all of its richness, power, and range.

From house to Hayden, Kenwood Excelon speakers are the right speakers for your music.





KFC-XR701

7" High Performance Flush Mount Speaker

DualMags™ **MAX POWER 200W**



KFC-XR71p
7" High Performance Flush Mount Component Speaker Package

MAX POWER **200W**

KFC-XR901

6" x 9" 2-Way Speaker

MAX POWER **260W**



KFC-X178

7" High Quality Flush Mount Speaker

MAX POWER **240W**

KFC-XT14

Component Tweeter

MAX POWER **200W**



DualMag™ Speaker Features

Speaker Features	KFC-XR701	KFC-XR601	KFC-XR501	KFC-XR401
Woofer	7" Pearl Mica Polypropylene Cone	6 1/2" Pearl Mica Polypropylene Cone	5 1/4" Pearl Mica Polypropylene Cone	4" Pearl Mica Polypropylene Cone
Tweeter	1" HyperNyl Dome	1" HyperNyl Dome	1" HyperNyl Dome	1 3/16" HyperNyl Dome
DualMag® Design	•	•	•	•
Magnet Weight (oz)	0.60 x 2	0.60 x 2	0.60 x 2	0.32 x 2
Butyl Rubber Woofer Surround	•	•	•	•
Black Co-Polymer Molded Basket	•	•	•	•
Swivel Tweeter Support	Bridged	Bridged	Bridged	Bridged
Neodymium Tweeter Magnet	•	•	•	•
Gold-Plated Speaker Connectors	•	•	•	•
Bi-Wire Connections	•	•	•	•
Power Handling	200 Watts	180 Watts	160 Watts	100 Watts
Sensitivity	92dB	92dB	91dB	90dB
Impedance	4 ohms	4 ohms	4 ohms	4 ohms
Frequency Response	30Hz-70kHz	35Hz-70kHz	40Hz-70kHz	45Hz-70kHz
Mounting depth	2 3/8"	1 15/16"	1 7/8"	1 5/8"



Component Speaker Package Features

Midrange Features	KFC-XR71p	KFC-XR61p	KFC-XR51p
Midrange	7" Injection-Molded PBO & Pearl Mica Polypropylene Cone	6 1/2" Injection-Molded PBO & Pearl Mica Polypropylene Cone	5 1/4" Injection-Molded PBO & Pearl Mica Polypropylene Cone
Butyl Rubber Surround	•	•	•
DualMag Design	•	•	•
Magnet Weight	0.60 oz x 2	0.60 oz x 2	0.60 oz x 2
Black Co-Polymer Composite Basket	•	•	•
Tweeter Features			
Tweeter	1" HyperNyl Dome	1" HyperNyl Dome	1" HyperNyl Dome
Neodymium Magnet	•	•	•
Flexible 2-Way Mounting: Surface/Flush/Angle	•	•	•
Swivel Tweeter Mount	-5°/+10°	-5°/+10°	-5°/+10°
System Features			
High-Quality 2-Way Component Passive Crossover	•	•	•
K-Glow™ Tweeter Protection Circuit	2-Stage	2-Stage	2-Stage
Crossover Midrange Connections	Through/Low-Cut	Through/Low-Cut	Through/Low-Cut
Crossover Speaker Terminals	Gold-Plated, Screw-Type	Gold-Plated, Screw-Type	Gold-Plated, Screw-Type
Tweeter Attenuation Adjustment	0dB/-2dB/-4dB	0dB/-2dB/-4dB	0dB/-2dB/-4dB
Power Handling	200 Watts	180 Watts	160 Watts
Sensitivity	92dB	92dB	91dB
Impedance	4 ohms	4 ohms	4 ohms
Frequency Response	30Hz-70kHz	35Hz-70kHz	40Hz-70kHz
Mounting Depth	2 3/8"	1 15/16"	1 7/8"

Oval Speaker Features

Speaker Features	KFC-X718	KFC-XR901	KFC-X698	KFC-X688C	KFC-X468C
Woofer	7" x 10" Silver PBO Advanced Fiber Cone	6" x 9" Silver PBO Advanced Fiber Cone	6" x 9" Silver PBO Advanced Fiber Cone	6" x 8" Silver PBO Advanced Fiber Cone	4" x 6" Silver PBO Advanced Fiber Cone
Midrange	2 3/4" PEI Film Cone	2 3/4" PEI Film Cone	2 3/4" PEI Film Cone		
Tweeter	1" PEI Film Balanced Dome	1 3/16" HyperNyl Dome	1" PEI Film Balanced Dome	1 3/16" PEI Film Balanced Dome	1" PEI Film Balanced Dome
DualMag Design		•			
Woofer Surround	Rubber	Rubber	Rubber	Rubber	Rubber
Multiple Component Outboard Crossover	•	•	•	•	•
Gold-Plated Speaker Connectors	•	•	•	•	•
Magnet Weight	18 oz	0.60 oz x 2	18 oz	10.1 oz	5.6 oz
Power Handling	320 Watts	260 Watts	300 Watts	220 Watts	100 Watts
Sensitivity	93dB	93dB	93dB	92dB	90dB
Impedance	4 ohms	4 ohms	4 ohms	4 ohms	4 ohms
Frequency Response	22Hz-33kHz	25Hz-70kHz	25Hz-33kHz	35Hz-32kHz	40Hz-32kHz
Mounting Depth	3 1/4"	3 1/16"	3 1/4"	2 1/2"	1 3/4"

Round Speaker Features

Speaker Features	KFC-X178	KFC-X168	KFC-X138
Woofer	7" Silver PBO Advanced Fiber Cone	6 1/4" Silver PBO Advanced Fiber Cone	5 1/4" Silver PBO Advanced Fiber Cone
Tweeter	3/4" PPTA Film Balanced Dome	3/4" PPTA Film Balanced Dome	3/4" PPTA Film Balanced Dome
Butyl Rubber Woofer Surround with Plastic Gasket	•	•	•
Head-Resistant Voice Coil and Polyamide Damper	•	•	•
Aluminum Voice Coil Bobbin	•	•	•
High-Grade Crossover Capacitor	•	•	•
OFC Speaker Wire	•	•	•
Gold-Plated Speaker Connectors	•	•	•
Bi-Wire Connections	•	•	•
Magnet Weight	12.5 oz	12.5 oz	8.0 oz
Power Handling	240 Watts	220 Watts	160 Watts
Sensitivity	93dB	93dB	92dB
Impedance	4 ohms	4 ohms	4 ohms
Frequency Response	25Hz-40kHz	28Hz-40kHz	28Hz-40kHz
Mounting Depth	2 1/2"	2 1/4"	2 3/16"

Tweeter Features

Speaker Features	KFC-XT14
Tweeter	3/4" Titanium Dome
Neodymium Magnet	•
Magnet Shorting Ring	•
Mounting	5-Way Swivel
2-Way Component Crossover in See-Thru Enclosure	•
K-Glow™ Tweeter Protection Circuit	•
Power Handling	200 Watts
Sensitivity	91dB
Impedance	4 ohms
Frequency Response	3.5kHz-90kHz

Make other woofers run home crying for their mommies

One look at the new Kenwood Excelon KFC-XW1300DVC and KFC-XW1100DVC subwoofers tells you that they're unconventional, and one listen will tell you that the competition won't stand a chance. To create these radical new subs, Kenwood has re-thought and re-engineered nearly every aspect of subwoofer design:

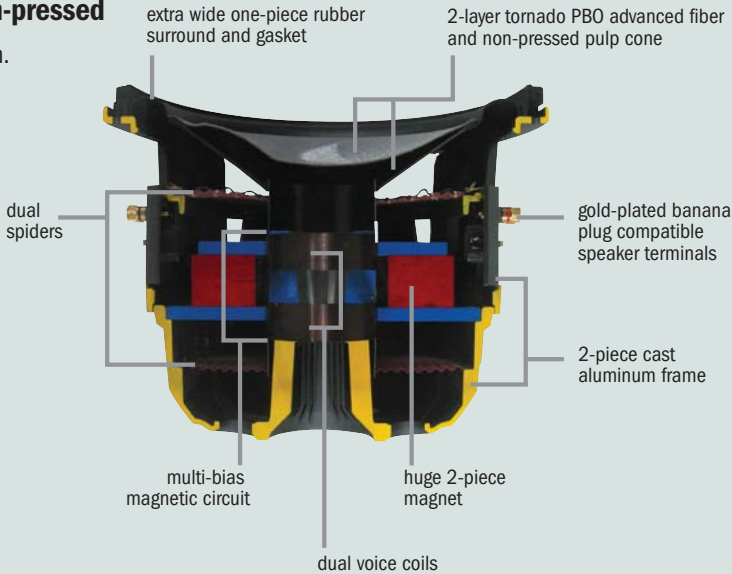
- **2-Layer Tornado PBO advanced fiber and non-pressed pulp cone** ensures high rigidity and minimal distortion.

- **Multi-Bias Magnetic Circuit** with **dual voice coils** improves linearity and accuracy of cone travel—bass remains crisp and precise.

- **Huge 2-piece magnet** provides greater control for super-accurate bass.

- **Dual spiders** hold voice coil in precise alignment for lower distortion.

- **2-Piece cast aluminum frame** fights resonances and dissipates heat for improved power handling and reliability.



Want some serious thump in an easy-to-install woofer? Our dB+ subwoofers share many features with the KFC-XW1300DVC and KFC-XW1100DVC: **one-piece Tornado cones made from PBO Advanced fiber** that lower distortion and increase power handling, a **one-piece extra-wide rubber surround and gasket** for enhanced reliability, and **massive frames** that keep everything precisely aligned.

Outfit your rig with Kenwood Excelon subwoofers and prepare to demolish the competition.



KFC-XW1300DVC
13" High Performance Subwoofer

MAX POWER **1000W** + MAX POWER **1000W**



KFC-XW1225dB
12" Subwoofer

MAX POWER **600W** + MAX POWER **600W**



Subwoofer Features

Woofer Features	KFC-XW1300DVC	KFC-XW1225dB	KFC-XW1205dB	KFC-XW1100DVC	KFC-XW1025dB	KFC-XW1005dB
Cone	13" 2-Layer Tornado-Type PBO Advanced Fiber + Non-Pressed Pulp	12" Micro-Weave Tornado-Type PBO Advanced Fiber	12" Micro-Weave Tornado-Type PBO Advanced Fiber	11" 2-Layer Tornado-Type PBO Advanced Fiber + Non-Pressed Pulp	10" Micro-Weave Tornado-Type PBO Advanced Fiber	10" Micro-Weave Tornado-Type PBO Advanced Fiber
One-Piece Wide Rubber Surround and Gasket	1" Wide	*	*	1" Wide	*	*
One-Piece Cone	*	*	*	*	*	*
Dual-Bias Magnetic Circuit	*			*		
Dual Vented Voice Coils	Long-Throw	*		Long-Throw	*	
Vented Voice Coil			2-Layer			2-Layer
Dual Conex Dampers	*			*		
Pole Piece	Vented, with Internal Heat Sink Fins	Extended, Spiral-Vented	Extended, Spiral-Vented	Vented, with Internal Heat Sink Fins	Extended, Spiral-Vented	Extended, Spiral-Vented
Bumped Yoke	*	*	*	*	*	*
Frame	2-Piece Cast Aluminum	1.2mm Thick Steel	1.2mm Thick Steel	2-Piece Cast Aluminum	1.2mm Thick Steel	1.2mm Thick Steel
Gold-Plated 2-Way SB-Type Speaker Connectors	Screw-Lock Design	*	*	Screw-Lock Design	*	*
Built-In Protection Fuse	*			*		
Magnet Weight	2-Piece, 175 oz (10.9 lb)	52.9 oz	52.9 oz	2-Piece, 109.4 oz (6.8 lb)	42.3 oz	42.3 oz
Power Handling	2,000 Watts	1,200 Watts	1,200 Watts	1,600 Watts	1,000 Watts	1,000 Watts
Sensitivity	82dB	93dB	93dB	79dB	92dB	92dB
Impedance	3 ohms + 3 ohms	4 ohms + 4 ohms	4 ohms	3 ohms + 3 ohms	4 ohms + 4 ohms	4 ohms
Frequency Response	30Hz-1kHz	20Hz-600Hz	20Hz-600Hz	36Hz-1kHz	25Hz-700Hz	25Hz -700Hz
Mounting Depth	9.7"	6"	6"	8.5"	5 ⁹ / ₁₆ "	5 ⁹ / ₁₆ "
Thiele-Small Parameters						
DC Resistance (Re)	2.6 ohms + 2.6 ohms	3.1 ohms + 3.1 ohms	3.2 ohms	2.6 ohms + 2.6 ohms	3.1 ohms + 3.1 ohms	3.0 ohms
Resonant Frequency (Fs)	30Hz	24Hz	25Hz	36Hz	30Hz	32Hz
Mechanical Q Factor (Qms)	4.03	6.06	6.21	4.06	5.25	4.49
Electrical Q Factor (Qes)	0.52	0.37	0.61	1	0.4	0.64
Total Q Factor (Qts)	0.46	0.35	0.55	0.81	0.37	0.56
Volume Acoustic Compliance (VAS)	55 liters/1.945 cu. Ft.	113 liters/3.986 cu. ft.	119 liters/4.198 cu. ft.	22 liters/0.777 cu. ft.	43 liters/1.517 cu. ft.	41 liters/1.446 cu. ft.
Moving Mass (Mms)	270g	126g	103g	200g	86g	62.8g
Voice Coil Diameter	3.15"	2 ⁹ / ₁₆ "	2 ⁹ / ₁₆ "	2.56"	1 ⁷ / ₈ "	1 ⁷ / ₈ "
Force Factor Bl	22Tm	17.9Tm	9.44Tm	14.5Tm	16Tm	8.98Tm
Peak Excursion (Xmax)	13mm	9mm	9mm	14mm	9mm	9mm

Accessories

Adapters and Cables	
KCA-S210A	2 Changer plus Aux Input Switcher
CA-C1AUX	Aux Input Adapter
CA-DS100	DIN-to-Square Adapter
CA-SD200	Square-to-DIN Adapter
CA-C2EX	6.5-Foot CD Changer Extension Cable
Remote Controls	
KCA-R800AV	A/V Learning Remote Control
KCA-RC700	Steering Wheel Remote Control
KCA-RC600	Grip-Type 10-Key Remote Control
KCA-R6A	Card-Style 10-Key Remote Control
Changer Controller	
KCA-R42FM	Add-On Changer Controller (works with all Kenwood changers except the C907 and C929)
Changer Magazines	
KCA-M110	Black 10-Disc Magazine for KDC-C803/C604/C504/C603/C800/C601/C601FM/C600
KCA-M112	10-Disc Magazine for KDC-C715/C515FM/C712/ C711/C511/C510FM/C810/C710/CX85/CX82/CPS81/C907
KCA-M120	Blue 10-Disc Magazine specifically for KDC-C602 and KDC-C602FM
KCA-M612	6-Disc Magazine for KDC-C665/C662/C661/C660/ C560/C56FM/C465FM/C461



Drive It Home

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