

Accessories		Description	Application
iPod/iPhone Cable	KCU-461VE	USB CONNECTION CABLE FOR iPod/iPhone	For connecting iPod/iPhone to i109ED, i108ED, X009E, X008EU, IXE-W400E, IVX-W200E, INE-W957E, INE-W960E and IVE-W560E. Includes 2 meter video extension cable
Optical Cable	KWE-610A	DIGITAL CONNECTION CABLE FOR X009E, X008EU, INE-W957E	Length : 6 meter • Connection for PXA-H800
HDMI Cable	KCU-610HD	HDMI CONNECTION CABLE FOR HDMI CONNECTOR TYPE D	For connecting iPod/iPhone to i109ED, i108ED, X009E, X008EU, iLX-F309E, iLX-702D, IXE-W400E, IVX-W200E and INE-W957E
Speaker to RCA Cable	KCE-SP2R	2-CHANNEL SPEAKER INPUT ADAPTER FOR PDR AMPLIFIER	For connecting the speaker level outputs from the vehicle's stereo to the Alpine PDR RCA inputs
Remote Control	RUJE-4350	MULTI-FUNCTION WIRELESS REMOTE CONTROL	Remote control for "Remote Ready" Head Units and AV Head Units
AUX to RCA Cable	KCU-250V	AUX CONVERSION/VIDEO INPUT CABLE	0.3 meter AUX to RCA cable for iLX-F309E, iLX-702D, INE-W960E.
Mini Jack to RCA cable	KCE-250IV	MULTI-FUNCTION WIRELESS REMOTE CONTROL	Remote control for "Remote Ready" Head Units and AV Head Units
Steering Wheel Remote Control	SWC-C20	UNIVERSAL STEERING WHEEL REMOTE INTERFACE	Supports up to 13 different vehicle manufacturers • Programming codes for over 30 vehicle models • Ultra-compact size (40 x 30 x 15mm) • Works with any Alpine Steering Wheel Remote Control Ready Head Unit
	SWC-C30	UNIVERSAL STEERING WHEEL REMOTE INTERFACE	Supports new car models from year 2015 • Programming codes for over 30 vehicle models • Ultra-compact size (40 x 30 x 15 mm) • Works with Alpine Steering Wheel Remote Control Ready Head Unit • Supports up to 13 different vehicle manufactures
Camera Control	KCX-C2600B	DUAL MULTI-CAMERA INTERFACE	Support connection of one or two Multi-View cameras to Head Units with RCA input.
Speaker Grille	KTE-S65G	6-1/2"(16.5cm) S-Series Speaker Grille	S-Series Speaker Grilles for S-S65C, S-S65
	KTE-S50G	5-1/4"(13cm) S-Series Speaker Grille	S-Series Speaker Grilles for S-S50
	KTE-S69G	6 x 9"(16 x 24cm) S-Series Speaker Grille	S-Series Speaker Grilles for S-S69C, S-S69



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ALPINE[®]
Driving Mobile Media Innovation



2 0 1 8 P R O D U C T L I N E U P



The sound you've never experienced before

Take a ride with Alpine and enjoy an entirely new dimension of sound quality. Because every Alpine product delivers incredible audio performance. Open your ears to an all-new sound experience — only from Alpine.



ALPINE STYLE

2018 Toyota New Alphard

2018 Toyota New Vellfire



X009E
9" ALL-IN-ONE NAVIGATION

9"



i109ED
9" MULTIMEDIA HEAD UNIT

9"



NEW i108ED
8" MULTIMEDIA HEAD UNIT

8"



Alpine Style Products Compatibility Chart

Car Model	Model Year	ALL-IN-ONE NAVIGATION		MULTIMEDIA HEAD UNIT	
		X009E	X008EU	i109ED	i108ED
Toyota Fortuner	2015-	—	KTX-008-FN	G-KTX-109E-FN	KTX-008-FN
	2012-2015	—	KTX-WXE-F08	—	KTX-WXE-F08
Toyota Hilux Revo	2015-	G-KTX-009E-Hilux	—	—	—
Toyota Alphard / Vellfire	2018-	G-KTX-009E-AV2	KTX-800-AV	—	KTX-800-AV
	2015-2017	G-KTX-009E-AV2	KTX-800-AV	—	KTX-800-AV
Toyota Harrier	2014-	G-KTX-009E-HA2	—	—	—
Toyota Land Cruiser	2012-	—	KTX-WXE-LC8	—	KTX-WXE-LC8
Honda HR-V (Vezei)	2014-	—	KTX-800-VZ	—	KTX-800-VZ
Isuzu D-Max/Mu-X	2012-2014	—	KTX-WXE-DM8	—	KTX-WXE-DM8
Chevrolet Trailblazer / Colorado	2012-2014	—	KTX-WXE-CV8	—	KTX-WXE-CV8
Ford Ranger	2016-	—	G-KTX-008E-RN	—	G-KTX-008E-RN



RSA10S-R-SE
10.1" WSVGA OVERHEAD MONITOR

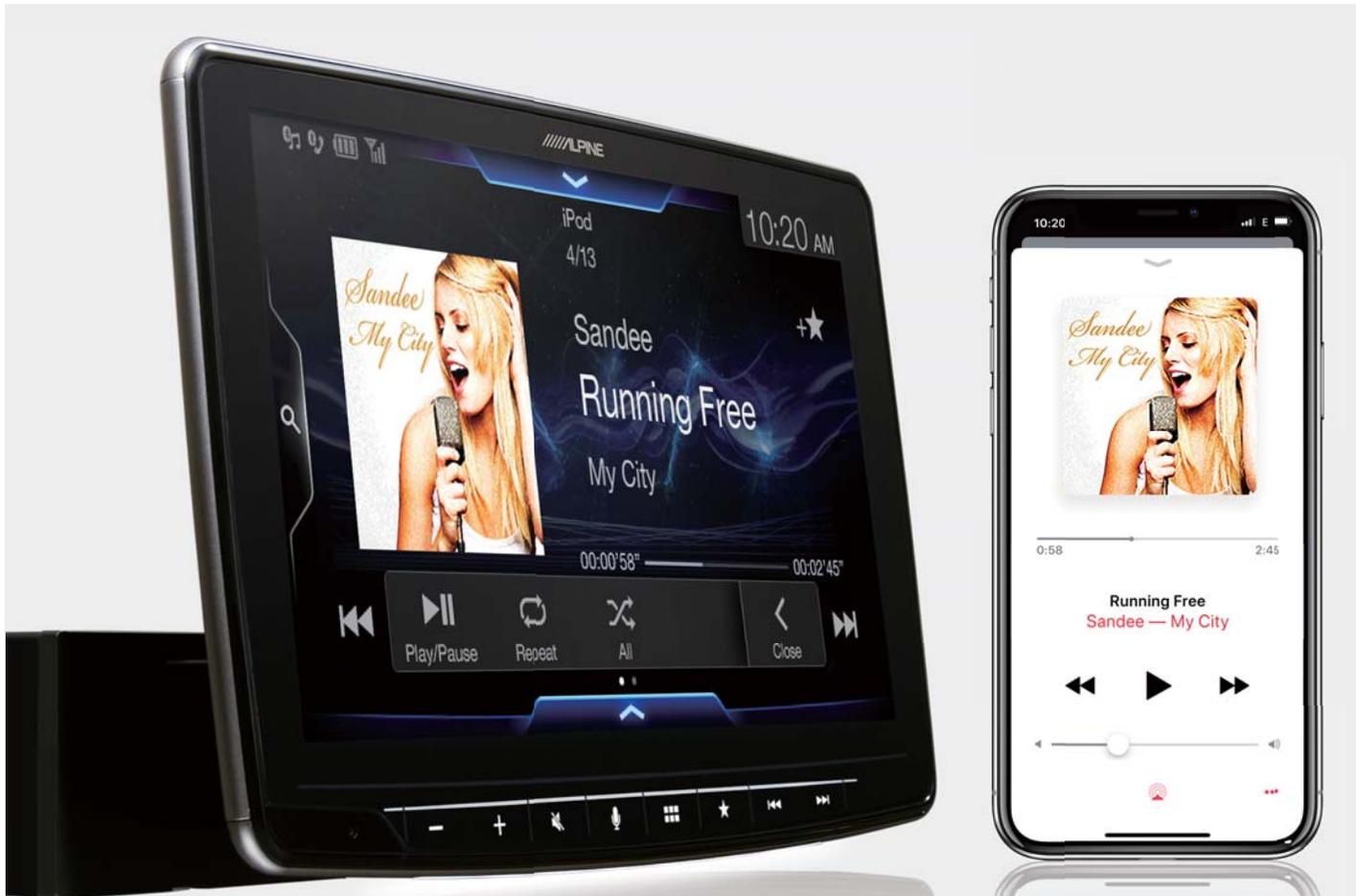
10.1"



Perfect F.I.T. Kits

Car Model	Toyota Alphard / Vellfire	Toyota Alphard / Vellfire
Year	2015 -	2008 - 2014
Overhead Monitor	RSA10S-R-SE	RSA10S-R-SE
Installation Kit	KTX-Y1503VG	KTX-Y903K

- 10.1" WSVGA LCD Color monitor • Resolution : 1024 x 600 (1.8 million pixels) • Visual EQTM
- 7 colors adjustable Dome light • 1 AUX in • Dimmer : Day/Night/Auto • Menu Language : English



The Alpine Halo9 with Apple CarPlay and Android Auto for All Cars

Featuring a new premium edge-to-edge glass design in a 1-DIN chassis, the large 9-inch display provides perfect clarity for music information and camera views. The floating display with angle adjustment is highly visible and puts all controls within easy reach. Apple CarPlay gives iPhone users quick access to functions and apps, while Android Auto does the same for Android phone users.



Edge-to-Edge Glass Design



Adjust Display Angle

Adjust display height and distance to the dash

Dual HD EQ and Other Advanced Sound Tuning for Premium Sound Quality

When you choose Alpine, you're sure of getting an absolutely premium sound experience. With the latest technologies, precision design and many sound tuning capabilities, your system will give you the beautiful sound you've always dreamed about. It even has Dual HD EQ, which lets you independently fine-tune front and rear sound.

Plays Hi-Res Music (FLAC 24-bit/192kHz)

The iLX-F309E is compatible with the FLAC 24-bit/192kHz file format, meaning that you can play these high-resolution music files stored on your phone or other device. And because FLAC is a lossless format, you hear ALL of the music. Just one more way that Alpine Style ensures that you're getting the best possible music enjoyment.



NEW **iLX-F309E** 9" Works with Apple CarPlay **android auto** **Hi-Res AUDIO**
 9" FLOATING DISPLAY **HDMI** **flac** **CAMERA READY** **MP4** **Bluetooth** **Alpine Tuner App**

Welcome to the Future of Car-Media



NEW iLX-702D
DIGITAL MEDIA STATION

7"



androidauto



MP4



Advanced Digital Media Stations with Apple CarPlay and Android Auto

Works With Apple CarPlay



Connect your Apple CarPlay enabled iPhone to use its navigation, messaging app, phone, music, SIRI and much more with your Alpine system.

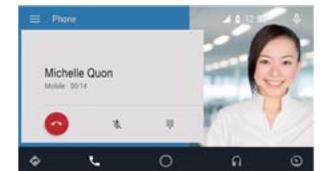
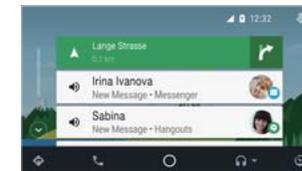
* Please see map availability on your local Apple homepage.



Works With Android Auto



Connect your Android smartphone to use all Android Auto approved apps and OK Google with your Alpine system.



FLAC High-Res Audio Support



You can play back music in both FLAC 24-bit/96kHz and 24-bit/192kHz formats, ensuring high-resolution audio compatibility.

Enjoy Spotify



You can listen to Spotify from both Apple CarPlay and Android Auto, making it easy to enjoy online radio in your car. A dedicated icon on the main screen gives you direct access to Spotify.

* Smartphone must have Spotify app and be connected to head unit.

Enjoy Various Apps

You can enjoy a wide range of apps, such as Waze and YouTube, via an HDMI cable.



Sound Tuning from Smartphone with Tunelt Function



The Alpine Tunelt App turns your smartphone (iPhone and Android phones) into an interface for custom sound tuning, Facebook updates and more! Your phone instantly becomes a sound tuning interface. As you change settings on the phone, you hear the results, so you can customize the sound exactly as you want it. And the interface design is very cool!



INE-W957E 7"
ALL IN ONE NAVIGATION



INE-W960E 6.1"
ALL IN ONE NAVIGATION

Navigation System and Mobile Media Stations



iXE-W400E 7"
MOBILE MEDIA STATION



IVX-W200E 6.2"
MOBILE MEDIA STATION

Optical Output

The optical output allows the music signal in its pure digital form to be transmitted via optical cable to an Alpine processor for dynamic multi-channel music.



6-Channel Digital Time Correction

Sound customization just the way the pros do it! This function adjusts the delay time from up to six speakers so you hear all the sounds at the same time, for the best sound image.



Navigation System

A high performance navigation system is built in, so you don't need any other units or the internet. The system is extremely accurate and reliable, with useful map information.



HDMI Connection

One HDMI cable carries both audio and video signals at high speed for superior picture and sound quality.



Built-in BT PLUS

BT Plus takes wireless Bluetooth® connectivity to the next level with many advanced phone operations and phonebook functions, and easier control of music search and playback functions (AVRCP1.4).



One Button, One Touch Camera

A button on the lower part of the unit lets you activate the rear view camera with a single touch. You can then change the view (Rear, Top, Corner, Panorama) by touching on the screen. It's a fast and convenient way to check behind you and park more easily.



Capacitive Touch Screen

Capacitive Touch screen type will be even smoother and faster. It allows two fingers to control Track Up-Down and Volume Up-Down.





NEW

CDE-173EBT

CD RECEIVER WITH ADVANCED BLUETOOTH®



Made for
iPod iPhone

flac COMPACT disc

Variable RGB Illumination

The Best Sound & The Latest Features



NEW

CDE-170E

CD/USB RECEIVER



flac COMPACT disc

NEW

UTE-73EBT

DIGITAL MEDIA RECEIVER WITH ADVANCED BLUETOOTH®

flac

Variable RGB Illumination

Android Music Play via USB (AOA2.0)



You can play music from your Android phone or online through an App via a single USB cable. And you can control the playback from both the phone and the head unit. During use, the phone will charge also. Compatible with Android 4.0 and higher.

The Beauty of Lossless Music



The CDE-173EBT, CDE-170E and UTE-73EBT support the FLAC codec for lossless playback of music from USB devices. Using FLAC, the sound data is compressed to about 60%, then decompressed to its exact original state—no data is lost at all.

Variable RGB Illumination



With Variable Illumination, you're no longer limited to a choice of just a few colors. Now you can select from 150,000 colors to get exactly the tone you want for your dashboard illumination. You can even have different colors for the display and buttons. Many preset colors are also available.



Bass Engine SQ For Best Bass Sound Quality



Bass Engine SQ lets you choose among six levels to automatically adjust frequency cutoff, Q factor and subwoofer level for best sound quality. Unlike normal bass controls, it also sets the best midrange and treble levels to maintain total sound balance. You can set five preset levels for quick selection, then do fine-tuning within each preset.

Built-in Bluetooth®



Built-in Bluetooth® enables hands-free phone use with Simple Secure Pairing plus audio streaming from your phone. You get auto phonebook updating, ABC search and much more.

Remote Control Included for
CDE-173EBT/170E/UTE-73EBT

RUE-4350

MULTI-FUNCTION WIRELESS REMOTE CONTROL



AV/AVN Comparison Chart

	iLX-F309E	X009E	i109ED	X008EU	i108ED	iLX-702D	INE-W957E	iXE-W400E	INE-W960E	IVX-W200E
General										
Screen Size	9-inch WVGA	9-inch WVGA	9-inch WVGA	8-inch WVGA	8-inch WVGA	7-inch WVGA	7-inch WVGA	7-inch WVGA	6.1-inch WVGA	6.2-inch WVGA
Screen Type	Capacitive	Resistive	Resistive	Resistive	Resistive	Capacitive	Resistive	Capacitive	Resistive	Resistive
Max Power Output	50W x 4	50W x 4	50W x 4	50W x 4	50W x 4	50W x 4	50W x 4	45W x 4	50W x 4	45W x 4
Display off mode	○	○	○	○	○	○	○	○	○	—
Background color	8 Colors	5 Colors	1 Color (Blue)	5 Colors	1 Color (Blue)	8 Colors	5 Colors	1 Color (Blue)	9 Colors	1 Color (Blue)
Key Illumination	1 Color (White)	1 Color (White)	1 Color (White)	1 Color (White)	1 Color (White)	7 Colors	1 Color (White)	1 Color (White)	1 Color (White)	1 Color (White)
Dimmer	○ (Sensor)	○ (Sensor)	○ (Auto)	○ (Sensor)	○ (Auto)	○ (Sensor)	○ (Sensor)	○ (Auto)	○ (Sensor)	○ (Auto)
Clock	○	○	○	○	○	○	○	○	○	○
PreOut	3 PreOut (4V)	3 PreOut (4V)	3 PreOut (2V)	3 PreOut (4V)	3 PreOut (2V)	3 PreOut (2V)	3 PreOut (4V)	3 PreOut (2V)	3 PreOut (4V)	2 PreOut (1V)
Menu Languages	English	○	○	○	○	○	○	○	○	○
	Thai	○	○	○	○	○	○	○	○	○
	Arabic	○	○	○	○	○	○	○	○	○
	Indonesia	○	○	○	○	○	○	○	○	○
	Chinese	○	—	—	—	—	○	—	—	—
Feature										
Tuner Preset	FM : 24/ AM : 12	FM : 12/ AM : 6	FM : 12/ AM : 6	FM : 12/ AM : 6	FM : 12/ AM : 6	FM : 24/ AM : 12	FM : 12/ AM : 6	FM : 12/ AM : 6	FM : 12/ AM : 6	FM : 18/ AM : 12
Apple CarPlay	○	—	—	—	—	○	—	—	—	—
Android Auto	○	—	—	—	—	○	—	—	—	—
Navigation(Built-in)	—	○	—	○	—	—	○	—	○	—
CD Mechanism	—	CD/DVD	CD/DVD/VCD	CD/DVD	CD/DVD/VCD	—	CD/DVD	—	CD/DVD	CD
USB Music	MP3/WMA/ACC/FLAC	MP3/WMA/ACC	MP3/WMA/ACC/WAV/FLAC	MP3/WMA/ACC	MP3/WMA/ACC/WAV/FLAC	MP3/WMA/ACC/FLAC	MP3/WMA/ACC	MP3/WMA/ACC/FLAC/WAV	MP3/WMA/ACC	MP3/WMA/ACC
USB Video	MP4/MKV/AVI	DivX	AVI /WMV /MP4	DivX	AVI /WMV /MP4	MP4/MKV/AVI	DivX	AVI /WMV /MP4	DivX	AVI/MPG/MP4/MOV
Rear Seat Entertainment	—	○	○	○	○	○	○	○	○	○
Bluetooth	Phone/Audio	Phone/Audio	Phone/Audio	Phone/Audio	Phone/Audio	Phone/Audio	Phone/Audio	Phone/Audio	Phone/Audio	Phone/Audio
System interface										
USB	○ (1.5A)	○ (1A)	○ (1A)	○ (1A)	○ (1A)	○ (1.5A)	○ (1A)	○ (1A) X 2	○ (1A)	○ (1A)
HDMI In	○	○	○	○	○	○	○	○	—	○
HDMI Out	—	—	—	—	—	○	—	—	—	—
AV In	○ ^{*1}	○	○	○	○	○ ^{*1}	○	—	○ ^{*1}	—
AV Out	—	○ (Dual Zone)	○ (Dual Zone)	○ (Dual Zone)	○ (Dual Zone)	—	○ (Dual Zone)	○	○	○
Optical Output	—	○	—	○	—	—	○	—	—	—
Voice Dial/Siri	○	○	—	○	—	○	○	—	—	—
Steering Remote	Ready ^{**}	Ready ^{**}	Ready ^{**}	Ready ^{**}	Built-in	Ready ^{**}	Ready ^{**}	Built-in	Ready ^{**}	Built-in
Camera Input	RCA	RCA/Direct	RCA/Direct ^{*3}	RCA/Direct	RCA/Direct ^{*3}	Direct	RCA/Direct	RCA/Direct ^{*3}	RCA/Direct	RCA/Direct ^{*3}
Sound										
BASS Engine SQ	○	○	—	○	—	○	○	—	○	—
Graphic EQ	—	—	—	—	—	—	—	10 band	—	5 band
Parametric EQ	9 band	9 band	9 band	9 band	9 band	9 band	9 band	9 band	9 band	—
Dual HD EQ	○	—	—	—	—	○	—	—	—	—
Digital Time Correction	6 Channels	6 Channels	6 Channels	6 Channels	6 Channels	6 Channels	6 Channels	—	6 Channels	—
X-Over	2 Ways	2 Ways	3 Ways	2 Ways	3 Ways	2 Ways	2 Ways	—	2 Ways	—
MediaXpander	○ (HD)	○	○	○	○	○ (HD)	○	—	○	—
Subwoofer Level Control	○	○	○	○	○	○	○	—	○	○
Alpine Tunelt App	○	○	—	○	—	○	○	—	○	—

*1 Mini Jack 3.5 mm. (KCE-250IV is required) ** Optional : SWC-C20 / SWC-C30 is required *3 Applicable with HCE-C205RD only

Head Unit Comparison Chart

	CDE-173EBT	CDE-170E	UTE-73EBT
General			
Max Power Output	50W x 4	50W x 4	50W x 4
LCD	1 Line	1 Line	1 Line
	14seg 12digit	14seg 12digit	14seg 12digit
Illumination	RGB Variable (LCD & Key)	Red	RGB Variable (LCD & Key)
Illumination Initial	Blue	—	Blue
Dimmer	OFF/ON/AUTO/CLOCK	OFF/ON/CLOCK	OFF/ON/AUTO/CLOCK
Dimmer Initial	AUTO	OFF	AUTO
PreOut	2 PreOuts (2V)	2 PreOuts (2V)	2 PreOuts (2V)
Steering Remote Ready	○	○	○
Feature			
Tuner Preset	FM : 18 / AM : 12	FM : 18 / AM : 12	FM : 18 / AM : 12
FM	87.5-108MHz	87.5-108MHz	87.5-108MHz
AM	531-1602kHz	531-1602kHz	531-1602kHz
Codec (for CD)	MP3/WMA/AAC	MP3/WMA	—
Codec (for USB)	MP3/WMA/AAC/FLAC	MP3/WMA/FLAC	MP3/WMA/AAC/FLAC
iPod Control	○	—	○
AOA 2.0 (Android Open Accessory)	○	○	○
Voice Dial/Siri	○	—	○
System Interface			
Tuner	○	○	○
CD	○	○	—
USB	Front	Front	Front
AUX	Front (3.5 mm. mini jack)	Front (3.5 mm. mini jack)	Front (3.5 mm. mini jack)
Bluetooth	○	—	○
Sound			
Parametric EQ	3 Bands	3 Bands	3 Bands
BASS	BASS ENGINE SQ	BASS ENGINE SQ	BASS ENGINE SQ
	(OFF, 1-6)	(OFF, 1-6)	(OFF, 1-6)
HPF/LPF	○	○	○
Preset EQ	10 Presets	10 Presets	10 Presets
Subwoofer control	○	○	○
Sound Quality	24 Bit-DAC	24 Bit-DAC	24 Bit-DAC



NEW

HCE-C2100RD
MULTI-VIEW REAR CAMERA SYSTEM



HDR
HIGH DYNAMIC RANGE

See Behind and Around for Easier, Safer Driving

HDR
HIGH DYNAMIC RANGE

High Dynamic Range Cameras for Greater Safety

High-resolution camera for great picture quality and high details. Amazing night-view capabilities in low-light environments. Fast exposure adjustment when moving from dark to bright environments. (for example underground parking, tunnels, etc)



Conventional camera



Clear view with HDR camera

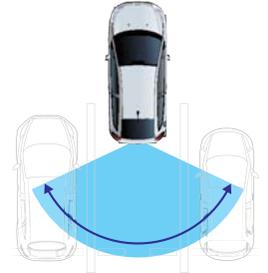
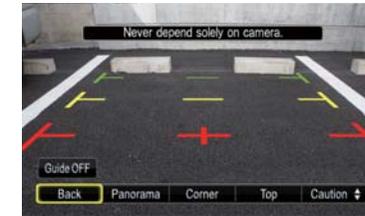
Drive Assist Camera Systems



Alpine has helpful components that aid you in your daily driving. Our Drive Assist camera system lets you see what you can't see, such as objects in your 'blind spots'—making it easier to park, reverse and manoeuvre in tight spaces.

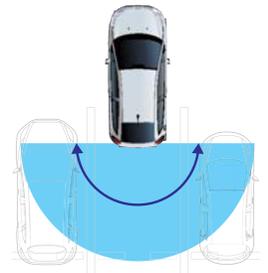
Rear View

HCE-C2100RD/-C1100D/-C1100/-C205RD



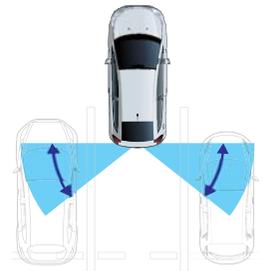
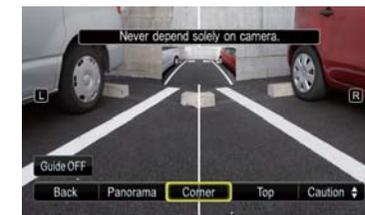
Panorama View

HCE-C2100RD/-C205RD



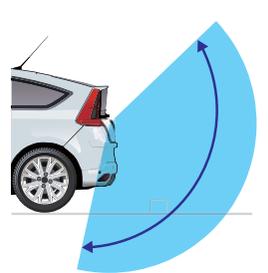
Corner View

HCE-C2100RD/-C205RD



Ground View/Top View

HCE-C2100RD/-C205RD



*Screen design varies by model.



NEW HCE-C2600FD  **HDR**
MULTI-VIEW FRONT CAMERA

Front Camera System

Wide viewing range provides better visibility when coming out of 'blind' alleys or around obstructed corners. Especially useful for reducing blind spots with SUVs and minivans.



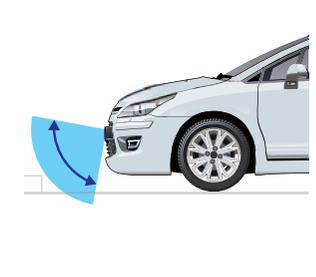
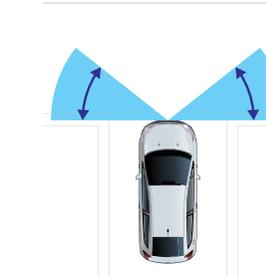
Panorama View



Corner View



Ground View



Camera Comparison Chart

Model	HCE-C2100RD	HCE-C2600FD	HCE-C1100	HCE-C1100D	HCE-C205RD
Description	HDR Multi-View Rear Camera	HDR Multi-View Front Camera	HDR Rear View Camera (RCA Connection Type)	HDR Rear View Camera (Direct Connection Type)	Multi-View Rear Camera
Power Requirement	6.0 V DC (5.0 to 9.0 V DC)	6.0 V DC (5.0 to 9.0 V DC)	9.0 to 15.6V DC	5.0 to 7.0 V DC	6.0V DC (5.5 to 9.0V DC)
Output Image	Mirror (NTSC)	Normal (NTSC)	Mirror (NTSC)	Mirror (NTSC)	Mirror (NTSC)
Viewing Modes	Rear view, Panorama view, Ground view, Corner view	Panorama view, Corner view, Ground view	Rear	Rear	Rear view, Panorama view, Corner view, Top view
Output Impedance	75Ω (1 Vp-p)	75Ω (1 Vp-p)	75Ω (1 Vp-p)	75Ω (1 Vp-p)	75Ω (1 Vp-p)
Image Sensor	1/4 inches CMOS	1/4 inches CMOS	1/3.7 inches CMOS	1/3.7 inches CMOS	1/4 inches CMOS
Effective Pixel	1280 x 960	1280 x 960	640 x 480	640 x 480	640 x 480
Focal Range	f=1.27mm	f=1.27mm	f=1.34mm	f=1.34mm	f= 0.8mm
Brightness	F=1.8	F=1.8	F=1.2	F=1.2	F= 2.4
Angle Of Field	Horizontal : 180° Vertical 125°	Horizontal : 180° Vertical 70°	Horizontal : 131° Vertical 103°	Horizontal : 131° Vertical 103°	Horizontal : 188° Vertical 145°
Compatibility	Works with products featuring "Direct" camera input	Works with products featuring "Direct" camera input	Standard RCA Connectivity	Works with products featuring "Direct" camera input	Works with i109ED, i108ED, iXE-W400E, iVX-W200E only
Camera Dimension	W23.6mm x H23.6mm x D26.1mm	W23.6mm x H23.6mm x D26.1mm	W23.6mm x H23.6mm x D24.0mm	W23.6mm x H23.6mm x D24.0mm	W23mm x H23mm x D30mm
Weight	32g	41g	27g	27g	27g



X SERIES



X-Series: An Audiophile Sound Experience

Perfect Match For X-Series Amps

The X-Series speakers are designed and built to handle massive amounts of power. Even at high volumes, the sound is always clear. This makes them perfect for use with the X-Series amps.

Sound Quality Performance

The new X-Series amps are designed for true Hi-Res Audio playback, featuring ultra-low distortion and a wide frequency range.



X-Series Amps Deliver Reliable High Power While Saving Space

You won't believe how much power is produced by these small amp wonders. Alpine has achieved new levels of operation efficiency by using the industry's most advanced digital amplification technology. What's more, they generate almost no distortion to maintain highest sound quality, and very little heat so they will operate for long periods without worries about power shutdown. You can stack them vertically to save even more space.

X-Series Subwoofers with HAMR Surround

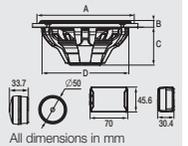
Needless to say, the Alpine X-Series subwoofers are unmatched for providing ultra-high performance bass output. The High Amplitude Multi-Roll (HAMR) surround allows maximum, linear cone movement for extremely high sound pressure level (SPL). But even at maximum levels, it maintains full control over the diaphragm, ensuring consistently high sound quality.

Smart Installation

We fully redesigned the speaker terminal connectors, giving the amps a very compact design that allows clean and simple installation with lossless connectivity. This new design also makes advanced system expansion much easier.



Speaker	Peak Power Handling	RMS Power Handling	Nominal Impedance	Frequency Response	Dimensions (mm)			
					A	B	C	D
X-S65C 6-1/2" COMPONENT 2-WAY SPEAKER	360W	120W	4Ω	60Hz-40kHz	165	10.8	59	137
X-S65 6-1/2" COAXIAL 2-WAY SPEAKER	360W	110W	4Ω	60Hz-40kHz	165	10.8	59	137
X-S69C 6x9" COMPONENT 2-WAY SPEAKER	330W	120W	4Ω	60Hz-40kHz	160 x 240	9	78	148 x 223



Subwoofer	Peak Power Handling	RMS Power Handling	Nominal Impedance	Frequency Response	Dimensions (mm)	
					A	B
X-W12D4 12" (30cm) SUBWOOFER	2700W	900W	4Ω+4Ω	23-400Hz	281	184
X-W10D4 10" (25cm) SUBWOOFER	2700W	900W	4Ω+4Ω	26-400Hz	229	174



Recommended Enclosure	Sealed Enclosure Recommended	Recommended Volume	Vented Enclosure	
			Round Port Dia. x L (cm)	Slot Port W x H x L (cm)
X-W12D4	25.5 L	51.0 L	10.2 x 40.6	35 x 2.33 x 40.6
X-W10D4	18.4 L	39.7 L	8.9 x 44.5	30 x 2.1 x 44.5

Amplifier	X-A90M	X-A70F	X-A90V
Output Channels	Mono	4 Channels	5 Channels
Max Power Output	1800W	1400W	1800W
RMS Power Output [@14.4V 1%THD]	1 x 900W (2Ω) 1 x 600W (4Ω)	4 x 175W (2Ω) 4 x 120W (4Ω)	4 x 100W + 1 x 500W (2Ω) 4 x 75W + 1 x 300W (4Ω)
Amplification Circuit	Class-D	Class-D	Class-D



Common Features:
 • Selectable Variable HP filter (4 and 5 channel models only) • Mono amps provide Variable LP, Selectable Subsonic Filters (mono only) • Remote Bass Knob Ready (mono and 5ch only) • Thermal and Low Voltage Protection • Ultra Wide Frequency Response Range • Quick Connectors for Speakers and power terminal



R-Series: Power And Precision With Thunderous Bass

HAMR Surround

The High Amplitude Multi-Roll (HAMR) surround allows a maximum, linear cone excursion for high SPL, while maintaining full control over the diaphragm at any excursion stage for high sound clarity.



Awesome Power Density, Digital Sound Quality

Each PDR amp is unmatched in its class for power density performance (watts per cubic cm) and **DIGITAL** damping factor. You get tremendous power at all levels, with hard-hitting bass. S/N ratios and frequency response are also outstanding.

Designed For Convenient Installation



All the terminals are located on one side of the amp, allowing easy installation anywhere in the boot or under a seat. The control panel is on the top for easy access, and the logo can be removed and turned so it always faces in the right direction.

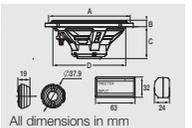
R-Series Subwoofers

These tough, powerful subwoofers were popular when they were first introduced, and they've been getting better each year! Utilizing many of Alpine's superior bass sound technologies, they deliver powerful deep bass extension, fast, accurate transients, and durable power handling. These are truly subwoofers built for bass lovers.

KCE-SP2R SPEAKER TO RCA CABLE

Alpine R-Series amplifiers can be easily integrated with OEM factory head units using Alpine KCE-SP2R accessory. The Alpine KCE-SP2R allows you to connect the speaker level outputs from your vehicle's stereo to the Alpine PDR RCA inputs.

Speaker	Peak Power Handling	RMS Power Handling	Nominal Impedance	Frequency Response	Dimensions (mm)			
					A	B	C	D
R-S65C 6-1/2" COMPONENT 2-WAY SPEAKER	300W	100W	4Ω	65Hz-29kHz	165	12	59	136
R-S65 6-1/2" COAXIAL 2-WAY SPEAKER	300W	100W	4Ω	65Hz-29kHz	165	12	59	136
R-S69 6 x 9" COAXIAL 2-WAY SPEAKER	300W	100W	4Ω	60Hz-29kHz	160 x 240	10	72	148 x 223



Subwoofer	Peak Power Handling	RMS Power Handling	Nominal Impedance	Frequency Response	Dimensions (mm)	
					A	B
R-W10D2*/R-W10D4** 10" (25cm) SUBWOOFER	2250W	750W	*2Ω+2Ω **4Ω+4Ω	26Hz-200Hz	230.5	149
R-W12D2*/R-W12D4** 12" (30cm) SUBWOOFER	2250W	750W	*2Ω+2Ω **4Ω+4Ω	24Hz-200Hz	275	161.8



Recommended Enclosure	Sealed Enclosure		Vented Enclosure	
	Recommended	Recommended Volume	Round Port Dia. x L (cm)	Slot Port W x H x L (cm)
R-W10D2/R-W10D4	17 L	39.6 L	9 x 25	6 x 12 x 37
R-W12D2/R-W12D4	25.5 L	53.8 L	10 x 33	11 x 9 x 51

Amplifier	PDR-M65	PDR-F50	PDR-V75
Output Channels	Mono	4 Channels	5 Channels
Power (@14.4V 1%THD)	1 x 450W	4 x 85W	4 x 75W + 1 x 250W
LP	1 x 650W	4 x 125W	4 x 100W + 1 x 350W
BTL	—	2 x 250W	2 x 200W
Max Power Output	1300W	1000W	1300W
Filter	Variable LPF	Variable, OFF/LP/HP Selectable	CH1-4: Variable Off/HPF selectable CH5: Variable LPF
LP	50Hz-400Hz -24dB/oct	50Hz-400Hz -12dB/oct	50Hz-400Hz -24dB/oct (Sch only)
HP	—	50Hz-400Hz -12dB/oct	50Hz-400Hz -12dB/oct
Subsonic Filter	8Hz-40Hz -24dB/oct	—	8Hz-40Hz -24dB/oct
Bass EQ	0dB to +12dB Variable	Ch3-4: 0, +6, 12dB (Selectable)	0dB to +12dB Variable



Common Features:

- Input Gain adjustment 0.2V-8V (0.1V-4V for mono)
- Bass EQ
- Variable Filters HP&LP
- Thermal Protection
- Remote Bass Knob Ready (PDR-M65 & PDR-V75 only)



S-Series: Fill Your Car With Beautiful Sound

S-Series Speakers

The S-Series delivers amazingly high performance for this class of speaker. They boast the world's first use of a CFRTP diaphragm (Carbon Fiber Reinforced Thermo Plastic), which has the ideal balance of hardness and light weight, for extremely clean and accurate sound. They also have a larger voice coil than previous types for higher driving power, and the same HAMR surround as used on the X-Series.



Big Power, Small Package

Although V-Power amplifiers have a 40% smaller footprint than their predecessors, they produce the same amount of power as before. Get the power you need, even if you have limited installation space.

S-Series Subwoofers

If you want to upgrade the sound of your system, adding a subwoofer is a great way to do it. S-Series subs have a good reputation for outputting powerful, accurate bass with consistent quality, even when driven for long periods. They also have a shallow design that allows installation even in difficult locations.

Non Shut-Down Design

Even if you pound your music for a long time, these amps won't shut down. They use a Thermal Management Processor to make sure the heat level never gets too high. No distortion, no interruptions!



Speaker	Peak Power Handling	RMS Power Handling	Nominal Impedance	Frequency Response	Dimensions (mm)				
					A	B	C	D	
S-S69C 6 x 9" COMPONENT 2-WAY SPEAKER	260W	85W	4Ω	65Hz-22kHz	167 x 240	7	74	222 x 150	<p>All dimensions in mm</p>
S-S65C 6-1/2" COMPONENT 2-WAY SPEAKER	240W	80W	4Ω	70Hz-22kHz	153	12	58	128	
S-S69 6 X 9" COAXIAL 2-WAY SPEAKER	260W	85W	4Ω	65Hz-22kHz	167 x 240	7	74	222 x 150	
S-S65 6-1/2" COAXIAL 2-WAY SPEAKER	240W	80W	4Ω	70Hz-22kHz	153	20	58	128	
S-S50 5-1/4" COAXIAL 2-WAY SPEAKER	170W	55W	4Ω	80Hz-22kHz	129	16	50	113	
S-S40 4" COAXIAL 2-WAY SPEAKER	140W	45W	4Ω	97Hz-22kHz	102	13	43	93	

Subwoofer	Peak Power Handling	RMS Power Handling	Nominal Impedance	Frequency Response	Dimensions (mm)		
					A	B	
SWS-10D2*/-10D4** 12" (30cm) SUBWOOFER	1500W	500W	**2Ω+2Ω **4Ω+4Ω	28Hz-200Hz	226	141	
SWS-12D2*/-12D4** 12" (30cm) SUBWOOFER	1500W	500W	**2Ω+2Ω **4Ω+4Ω	26Hz-200Hz	268	149	

Recommended Enclosure	Sealed Enclosure Recommended	Recommended Volume	Vented Enclosure	
			Round Port Dia. x L (cm)	Slot Port W x H x L (cm)
SWS-10D2 / SWS-10D4	17.0 L	39.6 L	9 x 45.7	54.6 x 30.5 x 29.2
SWS-12D2 / SWS-12D4	25.5 L	53.8 L	10.1 x 45.7	57.2 x 31.8 x 35.6

Amplifier	MRV-V500	MRV-F300	MRV-M1200	MRV-M500	MRV-M250
Output Channels	5 Channels	4 Channels	Mono	Mono	Mono
Max Power Output	1100W	640W	2400W	1100W	550W
RMS Power Output (@14.4V 1%THD)	4 x 60W + 1x 250W(2Ω) 4 x 40W + 1x 150W(4Ω)	4 x 75W (2Ω) 4 x 50W (4Ω)	1 x 1200W (2Ω) 1 x 600W (4Ω)	1 x 500W (2Ω) 1 x 300W (4Ω)	1 x 250W (2Ω) 1 x 150W (4Ω)
Amplification Circuit	Class-D	Class-D	Class-D	Class-D	Class-D



Common Features:
 • Input Gain adjustment 0.2V-4V • Bass EQ • Selectable Variable Filters HP&LP (Mono amps: LP only) • Speaker Level input • Thermal Management Processor



KTE-S65G/-S50G/-S69G
 S-Series Speaker Grilles for S-S65C/-S65/-S50/-S69/-S69C

Professional Digital Sound Processor Provides Fantastic Sound Quality



NEW

PXE-0850S
DIGITAL SOUND PROCESSOR



PXA-H800
SYSTEM INTEGRATION
AUDIO PROCESSOR

RUX-C800
CONTROLLER FOR PXA-H800

Easy Sound Tuning from Your Smartphone

The PXE-0850S not only lets you fine-tune your system sound, it lets you do it right from an app on your smartphone, via a high quality Bluetooth connection. In addition, the unit is extremely compact for easy installation. Applicable to both Android and iOS (App Store).



Pro-Type Sound Tuning

The PXE-0850S Digital Processor gives you an amazing range of sound tuning capabilities and even has a built-in 8-channel DSP amplifier. It features a Mix setting that will create full-range frequency response from an original factory radio before you use the other sound tuning functions.



PXE-0850S Features

- 12-channel full-range RCA output (4V Pre-outs) • 8-channel RMS Power 8 x 25W. • 31-band (Graphic/Parametric) EQ • 12-channel Time Correction • Sound Tuning Preset : 6 presets • High level input : 6-channel • Low level input(RCA) : 6-channel • S/PDIF Optical Input • Bluetooth® Audio streaming with included external module • X-Over : High-pass/Low-pass filters • 24-Bit Sigma-Delta D/A converter • 32-Bit floating point DSP • Wireless sound tuning by PC or Smartphone • Mixing function performs mixing in case of high-level signal input for luxury cars • Dimension : 210mm*190mm*45mm • Remote controller included (Volume, Store, Store/Recall, Source selection)

PXA-H800 Features

- 31-band Graphic EQ per channel (front L/R, rear L/R, centre, subwoofer: 10-band), Gain -12dB to +12dB • Parametric EQ (front L/R, rear L/R, center: 10-band, subwoofer: 5-band), Q 0.5/1/1.5/2/2.5/3/4/5, Gain -12dB to +12dB • 8 channel auto/manual digital time correction (0 to 20ms, 0.05ms steps) • MediaXpander® Plus • X-Over: Digital HPF/LPF (Slope 0/-6/-12/-18/-24/-30/-36, Gain -24dB to 0dB) • RoadEQ • ImprintEQ • Dolby Digital • Dolby PRO LOGIC® II • DTS® • 32-Bit Floating-point SHARC DSP • 4 x Wolfson 24-Bit D/A Converters • Euphony™ Sound Enhancement • Basic functions Touch Control Ready with IVA-D800E, INA-W900E, IVA-W520E

RUX-C800 Features

- Includes installation kit • BioLite display • Dual illumination (blue/red)



Speaker	Peak Power Handling	RMS Power Handling	Nominal Impedance	Frequency Response
SPJ-161CS 6" COMPONENT 2-WAY SPEAKER	250W	50W	4Ω	30Hz-30kHz
SPJ-161C2 6" COAXIAL 2-WAY SPEAKER	250W	50W	4Ω	30Hz-30kHz
SPJ-691C3 6 x 9" COAXIAL 3-WAY SPEAKER	400W	60W	4Ω	30Hz-30kHz
SPJ-691CS 6 x 9" COMPONENT 2-WAY SPEAKER	400W	60W	4Ω	30Hz-30kHz

PWE-V80 **160W Peak Power**

8" (20cm) POWERED SUBWOOFER BOX

- Built-in Amplifier (160W MAX Power) • Low Pass Filter: 50Hz-100Hz (-12dB/oct) • Phase Selector Switch • Sealed Die-Cast Housing for stealth installation • Speaker-level and RCA Inputs • Wired Remote Control • Power Cables and Installation Brackets Included • Dimensions: W342mm x D238mm x H80mm • Weight: 5kg

Subwoofer	Peak Power Handling	RMS Power Handling	Nominal Impedance	Frequency Response
SWT-12S4 12" (30cm) BASS REFLEX SUBWOOFER TUBE	1500W	300W	4Ω	28Hz-200Hz
SWT-S10 10" (25cm) BASS REFLEX SUBWOOFER TUBE	1200W	250W	4Ω	28Hz-200Hz

Common Features:

Stitched Alpine Logo • Including installation Brackets and Belts • Heavy Duty Subwoofer Grille

Amplifier	BBX-F1200	BBX-T600
Output Channels	4 Channels	2 Channels
Power	14.4V, 4Ω	2 x 50W (4Ω)
[@14.4V]	14.4V, 2Ω	2 x 70W (2Ω)
1%THD] BTL	2x130W (bridged)	1 x 130W (bridged)
Max Power Output	600W	300W
Filter	Variable, OFF/LP/HP Selectable	Variable, OFF/LP/HP Selectable
Function	LP 50Hz-500Hz -12dB/oct	50Hz-250Hz -12dB/oct
HP	50Hz-500Hz -12dB/oct	80Hz-1.2kHz -12dB/oct
Bass EQ	0dB to +12dB Variable (3/4ch only)	0dB to +12dB Variable

Common Features:

Input Gain adjustment 0.2V-8V • Bass EQ • Variable Filters HP&LP • Thermal Protection