

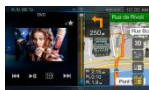
# X903D-F Alpine Style Freestyle

Premium Infotainment System – Europe Navigation / DAB<sup>+</sup> / CarPlay / Bluetooth



## General Features

## Specifications



### 3rd generation navi – universal retrofit solution

Alpine's innovative and capacitive 9-inch split screen technology allows you to view the navigation map and audio playback information at one glance to have full control over all multimedia, navigation, and Bluetooth® functions. This eliminates the need to switch between different applications. The 3rd generation Freestyle system features a much faster navigation CPU and larger system memory for smooth system operation.



### Alpine Tunelt App

The "Alpine Tunelt App" for iPhone and Android smartphones offers you a wide range of sound optimization features such as: a parametric equalizer, MediaXpander HD or crossover frequencies and more. You can also customize specific sound settings to create a personalized sound for selected vehicles.



### Works with Apple CarPlay

Simply connect your Apple CarPlay enabled iPhone and you are ready to use its navigation, messaging app, phone, music, Siri and much more with your Alpine system.



### Works with Android Auto

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



### USB video and audio playback

The USB port (1500mA) allows you to connect and control your USB devices conveniently from the screen.



### Built-in iGO Primo nextgen navigation software

Enjoy your journeys with the latest TomTom maps and 3 years free-of-charge map updates for Europe (46 countries) included. The realistic 3D landscapes with 3D map landmarks, highway mode and smart address input, interactive POI icon as well as speed camera and POI import make navigation much easier.



### General

- Built-in DAB/DAB<sup>+</sup>/DMB/UKW receiver with DAB<sup>+</sup> – DAB<sup>+</sup> following and FM fallback (where available)
- Built-in navigation (iGO Primo nextgen) with TMC & Gyro
- Built-in wideband Bluetooth® module and external microphone
- Universal programmable buttons, set for horizontal / vertical
- Rear USB connector and HDMI input/output for external media or 1DIN DVD player DVE-5300 or mobile DVB-T2 HD TV receiver
- 1x rear A/V input (3.5mm micro jack) (C1902-NAV optional)
- 1x Direct Camera Connection for rear camera or optional multi-camera selector interface KCX-C250MC (up to 3 cameras)
- Dual Zone function for rear seat entertainment
- Menu available in 24 languages
- Adjustable colors for screen background (8) and buttons (6)
- Individual favourites storage via user profiles
- SWRC ready (adapter included)
- Remote control (RUE-4360) available as an accessory

### Bluetooth®

- Audio streaming with A2DP and AVRCP 1.5 controlling
- Simultaneous pairing of 2 phones
- GSM signal strength & battery charge status display
- Adjustable ringtone, microphone and output volume

### Output

- Built-in amplifier with Advanced Power IC for excellent sound
- Max. power output: 4x 50W
- 3 PreOuts (4 volt)

### Sound

- BASS ENGINE SQ & PRO
- Alpine Tunelt App ready
- 6-channel digital time correction (0 - 9.9ms)
- 9-band parametric HD EQ (±14); 20Hz – 20kHz (1/6oct. steps)
- High pass filter (front/rear) and low pass filter (subwoofer) 20Hz – 200Hz 1/3Oct. (OFF/-6/-12/-18/-24db) (0 to -12db)
- Subwoofer level adjustment (0 – 15db) & phase setting (0/180°)
- 24-bit DAC

### Display

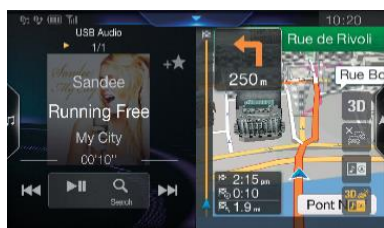
- 9-inch (23cm) capacitive WVGA high-resolution touchscreen display (800x3x480), 1.152.000 Pixel
- White LED backlighting system
- Touchscreen with touch, drag, flick and pinch function
- Supports instrument cluster incl. navigation turn-by-turn arrows APF-X3xx (optional available)

## X903D-F Alpine Style Freestyle

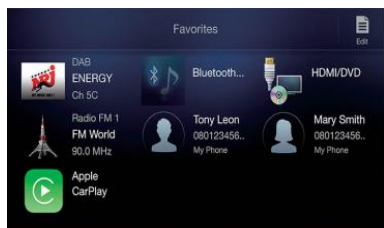
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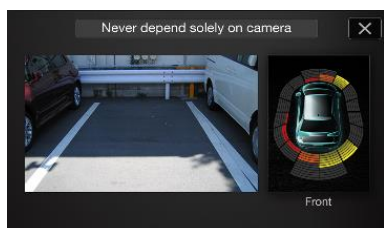
### X903D-F Features



„One Look“ screen (split screen)



Favorites screen



Parking assist screen



Clima control screen



# X903D-F Alpine Style Freestyle

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## X903D-F All-in-One Package

### X903D

AVN Base Unit



## Features

- Blackbox base unit
- Extension connection cable for: camera, SWRC, AUX, speed pulse etc.
- USB extension cable (length 2m)
- External microphone (length 4m)
- Unit measurement: 178 x 50 x 139,6mm
- Weight: 0,97kg



AUX/remote and camera harness

USB extension cable

Fakra antenna connection with phantom power

GPS antenna

Remote & display power harness

Power harness

PreOut cable

Microphone

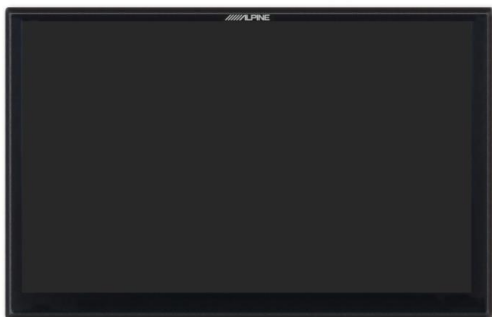
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## X903D-F All-in-One Package

### LCD-X901D AVN Display



9-inch (23cm) touchscreen

### Features

- Capacitive WVGA touchscreen
- 9-inch (23cm) display  
1.152.000 pixel (800 × 480 × 3 (RGB))
- Digital connection via LVDS (length 1m)
- Power connection harness
- Anti-reflection coated
- Display measurement : 214.70 x 136.60 x 32.45mm
- Active display area: 196.80 x 118.08mm
- Weight: 0.8 kg



Display cable

### G-KTX-G6L Control Unit



Display and key frame

### Features

- Button case for individual use
- Can be used to screw the keys or for filling purposes
- Hard keys for: volume, power, mute, up/down, voice, phone, menu, audio, navi
- Buttons can be rotated by 90 degrees
- Individual buttons are removable, rotatable and programmable, so that the buttons can be installed horizontally / vertically
- Adjustable illumination colors (6) for buttons
- Connector cable for control unit
- Key cable (length 25cm)
- Microphone adapter cable

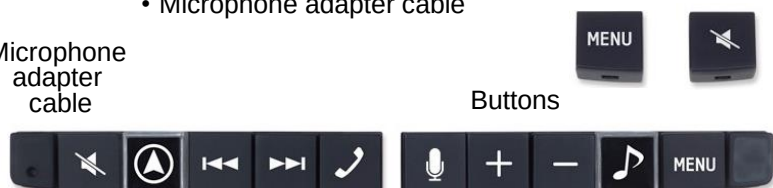
Key harness



Microphone  
adapter  
cable



Buttons



## X903D-F Alpine Style Freestyle

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### X903D-F Accessories

#### DVE-5300

External CD / DVD Player



### Features

- HDMI output (cable incl.)
- Dolby Digital und DTS compatible
- MP3 / AAC / WMA playback
- DVD±R / DVD±RW playback
- CD±R / CD±RW playback
- Optical output
- IR remote control included
- Installation in the glove box or under the driver / co-driver's seat

#### TUE-T220DVB

Mobile Digital DVB-T2 HD TV Receiver



### Features

- Latest DVB-T2 technology with High Efficiency Video Coding (HEVC H.265)
- compatible with free to air broadcasts
- HDMI output for high-quality pictures in your vehicle
- Automatic channel search
- 2-channel antenna diversity system

#### KWE-DY01G6

Sound System Adapter



### Features

#### FOR VEHICLES WITH ORIGINAL SOUND SYSTEM

- Adjustment of original sound system to cope with increased output level of Alpine Head Unit

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## X903D-F Accessories

### KAE-DAB1G6

Active DAB<sup>+</sup> Radio Signal Splitter



## Features

### FOR VEHICLES WITHOUT ORIGINAL DAB<sup>+</sup>

- Active splitter to separate FM and DAB<sup>+</sup> signal
- Easy and fast installation utilizing the existing FM antenna cable
- Plug-and-play installation
- No additional DAB<sup>+</sup> antenna necessary

### KAE-F2S

Antenna Adapter Fakra(m) → SMB(f)



## Features

### FOR VEHICLES WITH ORIGINAL DAB<sup>+</sup>

- DAB<sup>+</sup> antenna adapter (50cm)
- Reuse of original DAB<sup>+</sup> antenna (if available) on the X903D-F
- Antenna adapter Fakra(m) to SMB(f)
- For vehicles with factory installed DAB<sup>+</sup>

### KAE-F2GT5

Antenna Adapter Fakra(m) → GT5(f)



## Features

### FOR VEHICLES WITH ORIGINAL GPS ANTENNA

- GPS antenna adapter (30cm)
- Reuse of original GPS antenna (if present) on the X903D-F
- Antenna adapter Fakra(m) to GT5(f)
- For vehicles with factory installed or retrofitted navigation antenna

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## X903D-F Accessories

### KCX-C250MC

Multi Camera Selector Interface



## Features

- Enables connection with up to three Alpine cameras with Direct Camera Connection
- Supports Alpine multi-view cameras, switchable between up to 4 different camera views
- Required for using front, rear & side cameras at once
- No external switch required for camera selection, operation via the 9-inch screen
- Adapter cable KWE-CAM1D required for AUX camera connection
- Compatible with iLX-702x, INE-F904x, X803x, X903x

### HCE-C2100RD

HDR Multi-View Rear Direct Camera



## Features

- Multi-view rear HDR (High Dynamic Range) camera for increased parking safety with cutting-edge camera technology
- Full touchscreen operation
- Automatic activation when in reverse work
- Up to four multi-view modes: Panorama, Back, Corner and Top view

### HCE-C2600FD

HDR Multi-View Front Direct Camera



## Features

- HDR (High Dynamic Range) front view image
- High-resolution camera for great picture quality and high details
- Direct Camera Connection
- 3 multi-view angle selection: Panorama View, Ground View, Corner View
- Full touchscreen operation

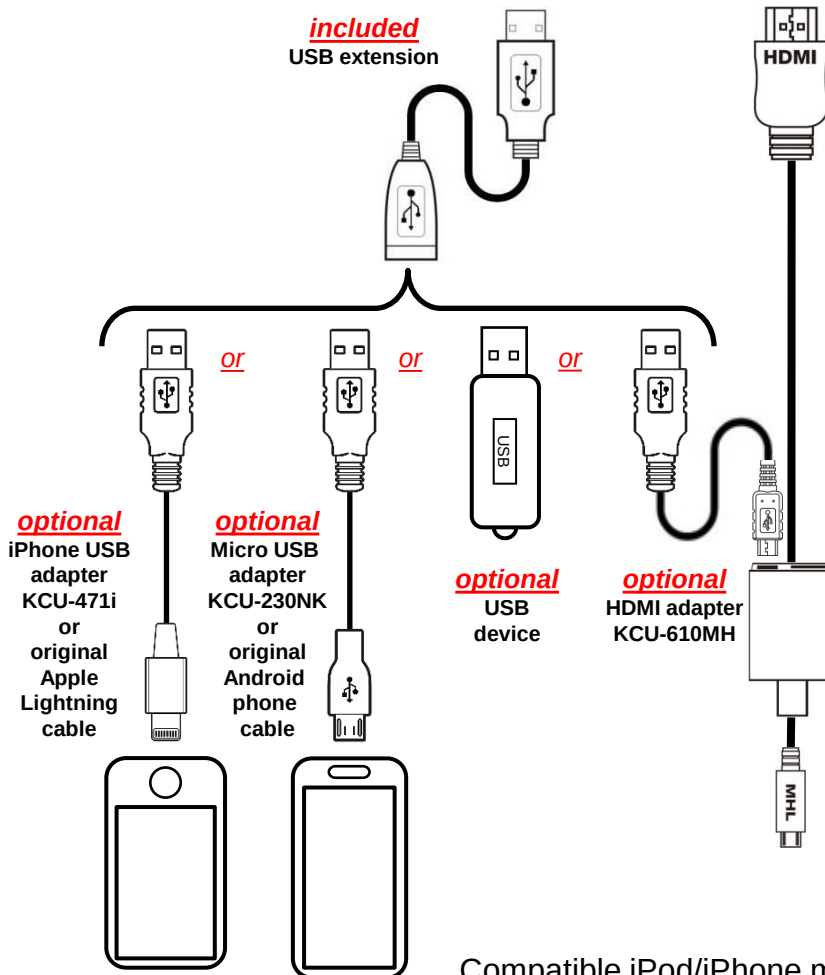
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## Accessories

### X903D-F Connection



### Compatible iPod/iPhone models

iPod touch 5G/6G, iPod nano 7G  
iPhone 4S/5/5C/5S/6/6Plus/6S/6SPlus/  
7/7Plus/8/8Plus/X/XS/XR/XSMax

Camera adapter cable  
Cinch→Direct

09-18014201-A

4x 45 Watt RMS /  
4x 100 Watt MAX  
amplifier

KTP-445

Phone connection cable

KCU-230NK

HDMI connection cable  
type MHL

KCU-610MH

USB iPhone  
Lightning  
connection cable

KCU-471i

HDMI extension  
cable 90cm

KCU-HDMI90

SWRC interface

APF-S1xxxx

UART Interface for  
SWRC + Display  
connection

APF-X3xxxx

Active DAB<sup>+</sup>  
screen antenna

KAE-242DA

IR  
remote control

RUE-4360

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## X903D-F Connection

