

iLX-F905D

9-inch Digital Media Station – DAB+ / CarPlay / Android Auto / Bluetooth

WXGA

1280 x 720p

Hi-Res

AUDIO



androidauto

**Wireless
Apple CarPlay**

ALPINE Halo9

General Features

Specifications



Digital-Media-Station

The iLX-F905D Halo9 is the second generation of Alpine's Halo product line. It features a capacitive XL 9-inch high-resolution WXGA HD touchscreen. The large screen gives you full control over all multimedia, CarPlay, Android Auto and Bluetooth® functions. The 1-DIN chassis allows maximum flexibility when installed in the vehicle and is compatible with virtually any vehicle with 1-DIN or 2-DIN installation dock.



Sound Quality

Bring extraordinary sound quality to your vehicle: The Alpine Halo9 is the world's first Head Unit with a built-in Class-D amplifier and features a wide range of professional sound tuning functions such as frequency crossover, a parametric EQ, digital time correction and much more. With the BASS ENGINE SQ function, your bass sound is optimized. It automatically adjusts frequency cut-off, Q factor and subwoofer level for optimum sound quality and tonal balance.



Works with Apple CarPlay Wireless

The iLX-F905D "Works with Apple CarPlay" wirelessly and lets iPhone users make and receive calls, access and write text messages, play music, and get direction in a way that allows them to stay focused on the road. Apple CarPlay is accessed through the capacitive touchscreen or the mic button to activate Siri voice control. Due to the Wi-Fi connection, you can keep your iPhone in your pocket and do not need to plug it in all the time (except for charging).



Works with Android Auto

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



USB Audio/Video Playback

2 USB ports located on the back of the unit allow you for example to connect one mobile device for charging, while the other USB port is used to plug in a USB stick or hard drive to access audio and video files.

General

- New built-in DAB+/FM/AM receiver with seamless linking switching between DAB+ – DAB+ – FM
- RDS tuner with auto memory, TA, AF, EON, Radio Text Function
- GPS compatible antenna included
- Built-in wideband Bluetooth® module and microphone
- Integrated comfort interface for displaying air conditioning, heaters and optical parking sensors (I/F optionally available)
- 2x USB connection (1500mA charging port & 2400 mA data port) (supported music files MP3/WMA/AAC/FLAC/WAV/APE and video files MP4/MOV/FLV/MKV), and 1x HDMI input/output
- 1x rear A/V input (3.5mm micro jack) (C1902-NAV optional)
- 2x Direct Camera Connection (for rear and front or side camera)
- Menu available in 24 languages
- Adjustable colors for screen background (8) and white buttons
- Home screen editable (change widgets in source menu)
- SWRC ready (adapter optional)
- 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 Class-D premium amplifier for excellent, high-end sound reproduction with highly reduced noise and phase shift
- Max. power output: 4x 50W
- 3 PreOuts (6 volt)

Sound

- BASS ENGINE SQ & PRO
- 6-channel digital time correction (0 – 9.9ms) (0,02 ms steps)
- 56-band parametric EQ (±9) 20Hz – 40kHz (1/3 oct. steps) 4x 13-band (front l/r, rear l/r) + 4-band (subwoofer)
- High pass filter (front/rear) und low pass filter (subwoofer) 20Hz – 250Hz 1/3 oct. (OFF/-6/-12/-18/-24dB) (0 to -12dB)
- Low pass filter (front/rear) (not in conj. with HPF, > -12dB/oct.) 4 kHz – 20 kHz 1/3 oct. (OFF/-6/-12/-18/-24 dB) (0 to -12dB)
- Subwoofer level adjustment (0 – 15db) & phase setting (0/180°)
- 24-bit DAC

Display

- 9-inch (23cm) WXGA display (1280x3x720) with 2.764.800 pcs.
- Screen horizontally and vertically adjustable
- Touchscreen with touch, drag, flick and pinch function
- UART connector for vehicle data bus interface

iLX-F905D

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Ambient light

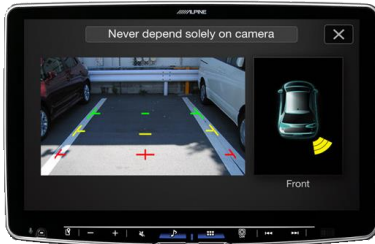
Features



Source selection screen



Sound settings



Parking assist screen (Camera & IF optional)



Clima control screen (interface optional)



Display mounting

Horizontal	Vertical	Display Angle			
		-20°	0°	+20°	+45°
30 mm	0 mm	no	✓	✓	✓
	60 mm	✓	✓	no	no
50 mm	0 mm	✓	✓	✓	✓
	60 mm	✓	✓	✓	no

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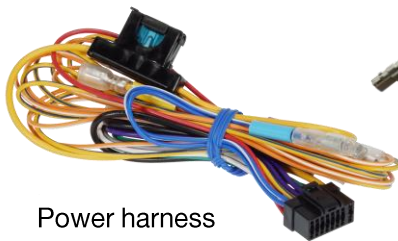
All-in-One Package

iLX-F905D
DMS Base Unit



Features

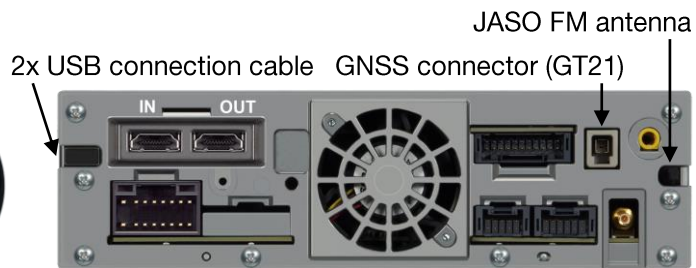
- Digital Media Station
- Extension connection cable for: camera, SWRC, AUX, speed pulse etc.
- 2x USB connection cable (length 1m)
- External microphone (length 4m)
- Mounting frame and universal cover
- Unit measurement: 178 x 50 x 149,6 mm
- Display measurement: 232,5 x 151,1 x 54,7 mm
- Weight: 2,3 kg



Power harness



GPS antenna



Back view



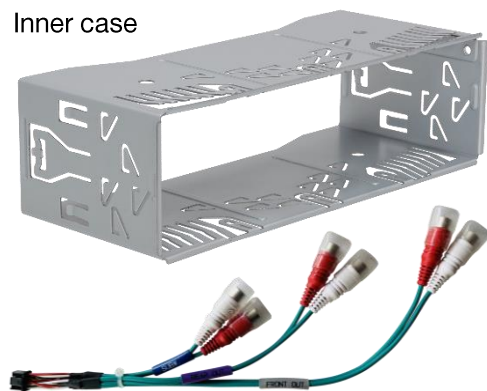
SWRC / remote harness



CAN IF/camera harness



Microphone



Inner case

6-channel PreOuts cable

iLX-F905D

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Accessories

KAE-HF9DA

Anti-Reflective Screen Protector



Features

- Protect the Alpine Halo9 (iLX-F905D) touchscreen from scratches, fingerprints and sunlight glare
- self-adhesive, protective film can be easily applied to the display
- It also improves the overall picture contrast

KCX-630HD

HDMI Selector Interface



Features

- Compatible with many Alpine systems for Fiat Ducato, Iveco Daily, Mercedes Sprinter/Vito, Audi A4/A5 & Q5, Škoda Octavia, VW Golf and X703, X803, X903, INE-W720, INE-F904, iLX-F905D
- Required to connect 2 HDMI sources to your Alpine system
- USB port for power supply to MHL adapters or other devices
- Includes 1.5m HDMI cable & power supply harness

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 especially for motorhomes using an Alpine Style system
- Automatic channel search
- 2-channel antenna diversity system

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Accessories

15-7132087

ACV*: Active DAB+ Radio Signal Splitter



Features

FOR VEHICLES WITHOUT ORIGINAL DAB+

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

* Also available from other 3rd party manufacturers

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

KAE-GT521

Antenna Adapter GT5(f) → GT21(m)



Features

FOR VEHICLES WITH ALPINE GPS ANTENNA

- GPS antenna adapter (20cm)
- Reuse of Alpine GPS antenna with GT5 plug (if present) on the iLX-F905D
- Antenna adapter GT5(m) to GT21(f)
- For vehicles with GPS antenna (GT5 plug)

KAE-F2S

Antenna Adapter Fakra(m) → SMB(f)



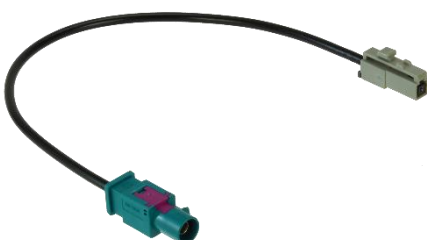
Features

FOR VEHICLES WITH ORIGINAL DAB+

- DAB+ antenna adapter (50cm)
- Reuse of original DAB+ antenna (if available) on the iLX-F905D
- Antenna adapter Fakra(m) to SMB(f)
- For vehicles with factory installed DAB+

KAE-F2GT21

Antenna Adapter Fakra(m) → GT21(f)



Features

FOR VEHICLES WITH ORIGINAL GPS ANTENNA

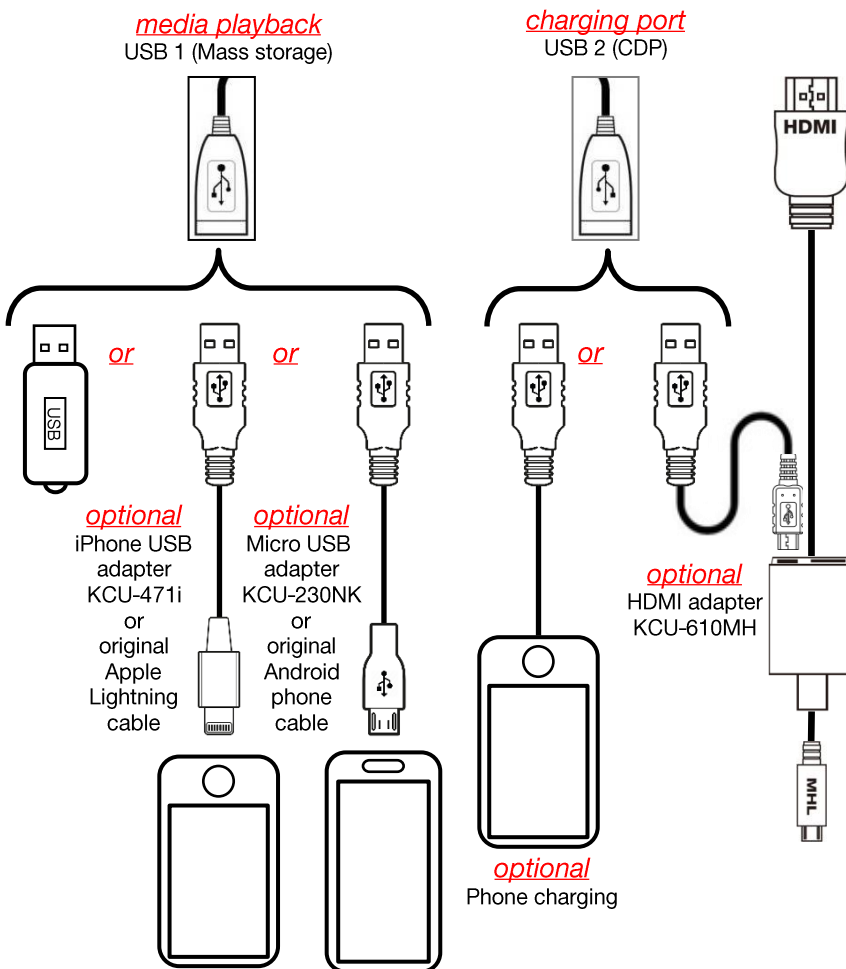
- GPS antenna adapter (30cm)
- Reuse of original GPS antenna (if present) on the iLX-F905D
- Antenna adapter Fakra(m) to GT21(f)
- For vehicles with factory installed or retrofitted navigation antenna

iLX-F905D

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Connection



Compatible iPod/iPhone models

iPhone 6S/7/8/X/XS/XR/SE 2.Gen/11/12/13

Accessories

AUX adapter cable
Micro Jack → Cinch



C1902-NAV

Camera adapter
cable RCA → Direct



KWE-CAM1D

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

Active DAB+
screen antenna



KAE-242DA

SWRC interface



APF-S1xxxx

or
UART Interface for
SWRC + Display
connection



APF-X3xxxx

IR remote control



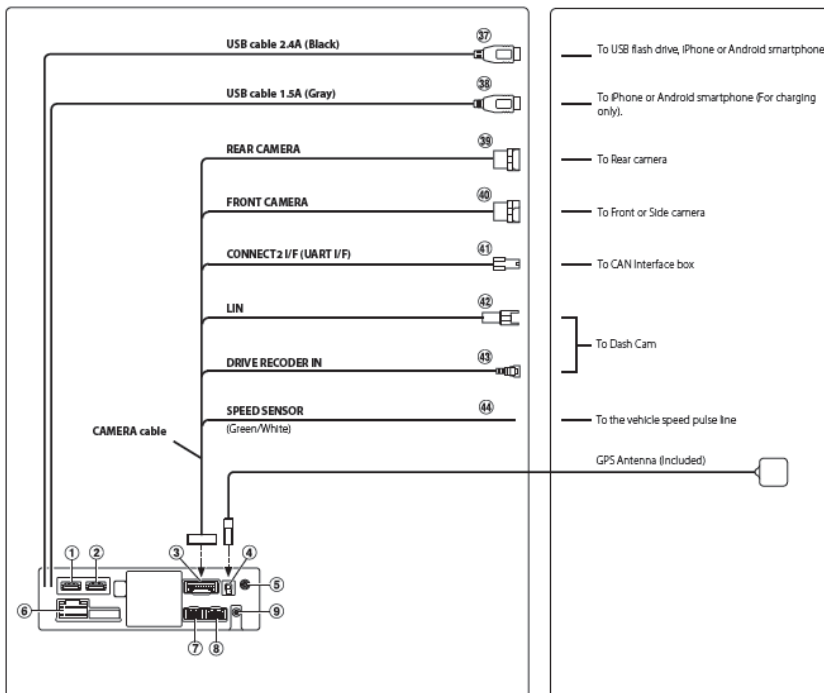
RUE-4360

iLX-F905D

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Connection



- ① **HDMI Input Connector**
- ② **HDMI Output Connector**
- ③ **CAMERA Connector**
- ④ **GPS Antenna Receptacle**
Connect to GPS antenna (Included).
- ⑤ **AUX Input Connector**
Input lead for AUX audio signal.
- ⑥ **Power Supply Connector**
- ⑦ **PRE OUT Connector**
- ⑧ **REM Connector**
- ⑨ **DAB Antenna Connector**
To DAB Antenna (sold separately).
- ⑩ **Radio Antenna Receptacle**

- ⑪ **ISO/JASO Antenna Adapter (sold separately)**
ISO/JASO Antenna Adapter may be required, depending on the vehicle.
- ⑫ **MIC Input Connector**
To microphone (Included).
- ⑬ **Steering Remote Control Interface Connector**
To steering remote control interface.
For details about connections, consult your nearest Alpine dealer.
- ⑭ **HDMI-REM-OUT Lead (Brown)**
Connect this lead to the remote input lead of your HDMI Selector Interface.
- ⑮ **AUX-REM-OUT Lead (Gray)**
Connect this lead to the remote input lead of your AUX device.