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DS18 DDX6.9ML

DS18 DDX6.9ML 6.9-inch Touchscreen Double-DIN Headunit User Manual

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your DS18 DDX6.9ML 6.9-inch Touchscreen Double-DIN Headunit. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage. Keep this manual for future reference.

2. SAFETY INFORMATION

Observe the following safety guidelines to prevent injury or damage to the unit:

- **Professional Installation Recommended:** Installation of this product requires technical knowledge and experience. It is highly recommended to have it installed by a qualified professional.
- **Power Supply:** Connect the unit only to a 12V DC power supply with a negative ground.
- **Wiring:** Ensure all wiring is correctly connected according to the wiring diagram. Incorrect wiring can cause damage to the unit or the vehicle.
- **Fuses:** Use fuses of the specified rating. Using incorrect fuses can cause fire or electrical damage.
- **Driving Safety:** Do not operate the unit's complex functions or watch videos while driving. Distraction can lead to accidents.
- **Ventilation:** Ensure adequate ventilation around the unit to prevent overheating.
- **Moisture:** Do not expose the unit to moisture or water to avoid electric shock or damage.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- DS18 DDX6.9ML Headunit
- Main Wiring Harness
- GPS Antenna

- External Microphone
- USB Extension Cable
- Mounting Hardware (screws, brackets)
- User Manual (this document)



Figure 3.1: Included accessories for the DS18 DDX6.9ML headunit, showing wiring harnesses, a GPS antenna, and a microphone.

4. PRODUCT OVERVIEW

The DS18 DDX6.9ML is a 6.9-inch touchscreen double-DIN headunit designed for in-car entertainment and connectivity. It features Bluetooth for hands-free calling and audio streaming, USB and SD card inputs for media playback, AUX input, AM/FM radio, and Mirror Link functionality for seamless integration with iOS and Android smartphones.

4.1 Front Panel Features



Figure 4.1: Front view of the DS18 DDX6.9ML headunit displaying the main menu icons.

The front panel features a responsive 6.9-inch capacitive touchscreen display. The main menu provides quick access to various functions:

- **Navi:** Accesses navigation features (requires compatible mapping data or Mirror Link).
- **Phone:** Bluetooth hands-free calling interface.
- **BT Music:** Bluetooth audio streaming.
- **Music:** USB/SD media playback.
- **Video:** USB/SD video playback.
- **AUX:** Auxiliary audio input.
- **Image:** Image viewer.
- **F.Camera:** Front camera input display (if connected).

- **Radio:** AM/FM tuner.



Figure 4.2: Angled view of the DS18 DDX6.9ML headunit.

4.2 Rear Panel Connections



Figure 4.3: Rear view of the DS18 DDX6.9ML headunit showing connection ports.

The rear panel provides various input and output connections for power, speakers, antennas, and external devices. Refer to the wiring diagram for detailed connection instructions.

5. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. If you are unsure about any step, consult a professional installer.

5.1 Pre-Installation Checks

- Disconnect the vehicle's negative battery terminal before starting any electrical work.
- Ensure you have all necessary tools and mounting hardware.
- Confirm the vehicle's dashboard opening is compatible with a double-DIN unit.

5.2 Mounting the Unit

1. Remove the existing headunit and any necessary dashboard trim.
2. Attach the supplied mounting brackets to the sides of the DDX6.9ML headunit.
3. Slide the unit into the dashboard opening until it is securely seated.
4. Secure the unit using the mounting screws.

5.3 Wiring Connections

Refer to the detailed wiring diagram provided with your unit for specific connections. General connections include:

- **Power:** Connect the yellow wire to constant 12V, red wire to accessory 12V, and black wire to ground.
- **Speakers:** Connect speaker wires to the corresponding vehicle speaker wires, ensuring correct polarity.
- **Antennas:** Connect the radio antenna and the GPS antenna to their respective ports on the rear of the unit.
- **Parking Brake:** Connect the parking brake wire to the vehicle's parking brake circuit for safety features (e.g., video playback).
- **Reverse Gear:** Connect the reverse gear wire to enable automatic rear camera display.
- **External Microphone:** Plug the external microphone into its dedicated input for improved hands-free calling audio.

- **USB Extension:** Connect the USB extension cable for convenient access to USB media.

5.4 Initial Power-Up

After all connections are made, reconnect the vehicle's negative battery terminal. Turn on the vehicle's ignition to power up the headunit. Follow any on-screen prompts for initial setup.

6. OPERATING INSTRUCTIONS

This section details the basic operation of your DS18 DDX6.9ML headunit.

6.1 Basic Operations

- **Power On/Off:** Press and hold the power button (usually on the left side of the screen or a soft button on the display) to turn the unit on or off. A short press typically mutes/unmutes audio.
- **Volume Control:** Adjust volume using the on-screen controls or physical buttons if available.

6.2 Main Menu Navigation

Tap the desired icon on the touchscreen to access different functions (Radio, Music, Video, Bluetooth, Navi, AUX, etc.). Swipe left or right if there are multiple pages of icons.

6.3 Radio (AM/FM)

1. From the main menu, tap the 'Radio' icon.
2. Use the on-screen controls to scan for stations, manually tune, or select from saved presets.
3. To save a station, tune to the desired frequency and press and hold a preset button.

6.4 Bluetooth Connectivity

1. From the main menu, tap the 'Phone' or 'BT Music' icon.
2. On your smartphone, enable Bluetooth and search for available devices.
3. Select 'DS18 DDX6.9ML' (or similar name) from the list.
4. Confirm the pairing code on both devices if prompted.
5. Once paired, you can make/receive calls via the 'Phone' interface or stream audio via 'BT Music'.

6.5 USB/SD Playback

1. Insert a USB drive into the USB port or an SD card into the SD card slot.
2. From the main menu, tap 'Music' for audio files or 'Video' for video files.
3. The unit will automatically detect and display the media content. Navigate through folders and select files using the touchscreen.

6.6 AUX Input

1. Connect an external audio device (e.g., MP3 player) to the AUX input using a 3.5mm audio cable.
2. From the main menu, tap the 'AUX' icon to switch to the auxiliary input source.

6.7 Mirror Link

Mirror Link allows you to display and control your smartphone's screen on the headunit. Compatibility may vary by phone model and operating system version.

1. Connect your iOS or Android smartphone to the headunit via USB.
2. Follow the on-screen instructions on both the headunit and your smartphone to establish the Mirror Link connection.
3. Once connected, your phone's screen will be mirrored on the headunit display.



Figure 6.1: Navigation interface example, potentially via Mirror Link.

6.8 Navigation

The 'Navi' icon on the main menu provides access to navigation features. This may involve pre-installed maps or integration with smartphone navigation apps via Mirror Link.

6.9 Equalizer Settings

1. Access the equalizer settings from the main menu or during audio playback.
2. Adjust frequency bands, Q-value, and level to customize the audio output.
3. Select from various preset equalizer modes (e.g., Pop, Rock, Classic, Jazz) or create a custom user profile.



Figure 6.2: Audio equalizer settings screen.

6.10 Rear Camera Display

If a rear camera is connected and the reverse gear wire is properly installed, the unit will automatically switch to the rear camera view when the vehicle is put into reverse.

7. MAINTENANCE

To ensure the longevity and optimal performance of your headunit, follow these maintenance guidelines:

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **General Cleaning:** Use a soft, dry cloth to clean the unit's chassis and buttons.
- **Avoid Liquids:** Do not spray liquids directly onto the unit.
- **Temperature:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or high humidity.

8. TROUBLESHOOTING

If you encounter issues with your DS18 DDX6.9ML headunit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Incorrect wiring; Blown fuse; Loose connection	Check power and ground connections; Inspect and replace fuses if necessary; Ensure all wiring is secure.

Problem	Possible Cause	Solution
No sound	Volume muted or too low; Incorrect speaker wiring; Amplifier issues (if external)	Increase volume; Check mute function; Verify speaker connections and polarity; Check external amplifier power/connections.
Bluetooth connection issues	Device not in pairing mode; Incorrect pairing code; Interference	Ensure phone's Bluetooth is on and discoverable; Re-attempt pairing; Move closer to the unit; Clear previous pairings.
Mirror Link not working	Incompatible phone; Loose USB connection; App not installed/updated	Check phone compatibility; Ensure USB cable is securely connected; Update Mirror Link app on phone; Try a different USB cable.
Touchscreen unresponsive	System freeze; Dirt on screen	Restart the unit (power cycle); Clean the screen thoroughly; If persistent, a factory reset may be required (consult support).

If the problem persists after attempting these solutions, please contact DS18 customer support.

9. SPECIFICATIONS

- Model Name:** DDX6.9ML
- Display:** 6.9-inch Touchscreen
- Connectivity:** Bluetooth, USB, Wi-Fi, AUX, SD
- Control Method:** Touch
- Audio Output Mode:** Stereo
- Compatible Devices:** Smartphone, Speaker
- Product Dimensions:** 8 x 6 x 3 inches
- Item Model Number:** DS-DDX6.9ML
- Power Supply:** 12V DC (Negative Ground)
- Manufacturer:** DS18 AUDIO

10. WARRANTY AND SUPPORT

10.1 Limited Warranty

This DS18 DDX6.9ML headunit comes with a **90-day limited warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. It does not cover damage caused by improper installation, accident, misuse, abuse, neglect, unauthorized modification, or normal wear and tear. Proof of purchase is required for all warranty claims.

10.2 Customer Support

For technical assistance, warranty inquiries, or further information, please contact DS18 customer support through their official website or the retailer where the product was purchased.

Related Documents - DDX6.9ML

	<p><u>DS18 DDX6.9ML 6.9" Double DIN Multimedia Receiver Owner's Manual</u> Owner's manual for the DS18 DDX6.9ML, a 6.9-inch double DIN multimedia receiver with Mirror-Link for iOS & Android, Bluetooth, AUX, USB, SD, AM/FM.</p>
	<p><u>DS18 DDX6.9 6.9-Inch Double-DIN Multimedia Receiver with Mirror-Link - Owner's Manual</u> User manual for the DS18 DDX6.9 multimedia DVD receiver, detailing installation, operations, specifications, and troubleshooting for this 6.9-inch double-DIN car stereo with Bluetooth, Mirror-Link, USB, SD, and AM/FM capabilities.</p>
	<p><u>DS18 DDX10.5AD Owner's Manual: Features, Installation, and Operation</u> Comprehensive owner's manual for the DS18 DDX10.5AD 10.5-inch floating display multimedia receiver. Learn about its Android 10 OS, Mirror-Link, DSP, installation, and features.</p>
	<p><u>DS18 MRX1 Marine & Powersports Headunit User Manual</u> Comprehensive user manual for the DS18 MRX1 Marine & Powersports Headunit, covering operation, installation, features, and troubleshooting.</p>
	<p><u>DS18 SDX1M Owner's Manual: Single DIN Mechless Car Receiver</u> This owner's manual provides detailed instructions and specifications for the DS18 SDX1M, a single-DIN mechless digital media receiver with Bluetooth, USB, AUX, SD, and FM capabilities.</p>



[DS18 MRX1 Marine & Powersport Headunit Owner's Manual](#)

Detailed owner's manual for the DS18 MRX1 Marine & Powersport Headunit, covering operation, installation, features, and troubleshooting. Learn how to use your marine audio system.

Documents - DS18 – DDX6.9ML



[\[pdf\] User Manual Owner's Manual Installation Guide](#)

DDX6 9ML DVD MANUAL Administrator Download Manual DS18 6 9 Touchscreen Mechless Double Din Head Unit with Bluetooth USB and Mirror Link Sky High Car Audiodropbox s 9gr64kbnu1g7vz dl |||

DDX6.9ML 6.9 DOUBLE DIN MULTIMEDIA RECEIVER WITH MIRROR-LINK FOR IOS ANDROID BT/AUX/USB/SD/AM/FM OWNER S MANUAL DDX6.9ML

IMPORTANT NOTICE PRECAUTIONS Thank you for using our DS18 multi-media player To operate the unit correctly, please read the operation manual carefully before using. Keep ...

lang:en score:38 filesize: 6.9 M page_count: 20 document date: 2020-11-23



[\[pdf\] User Manual Owner's Manual](#)

DDX6 9ML DVD MANUAL SPANGLISH web DS18 6 9 Touchscreen Mechless Double Din Head Unit with Bluetooth USB and Mirror Link double DIN Car audio Stereos Units WEB V1 v 1652906439 u003e u003cstrong u003eDDX6 cdn shopify s files 1 0018 0142 0861 |||

DDX6.9ML 6.9 DOUBLE DIN MULTIMEDIA RECEIVER WITH MIRROR-LINK FOR IOS ANDROID BT/AUX/USB/SD/AM/FM RECEPTOR MULTIMEDIA DOBLE DIN DE 6,9 CON MIRROR-LINK PARA IOS Y ANDROID BT / AUX / USB / SD / AM / FM OWNER S MANUAL MANUAL DE USUARIO DDX6.9ML IMPORTANT NOTICE PRECAUTIONS Thank you for using...

lang:es score:32 filesize: 7.21 M page_count: 22 document date: 2022-03-14



[DS18 DDX6.9ML 6.9" Double DIN Multimedia Receiver Owner's Manual](#)

Owner's manual for the DS18 DDX6.9ML, a 6.9-inch double DIN multimedia receiver with Mirror-Link for iOS & Android, Bluetooth, AUX, USB, SD, AM/FM.

lang:en score:29 filesize: 6.9 M page_count: 20 document date: 2020-11-23

Sincerely,
Sasha Susterman

[pdf] Declaration of Conformity

Declaration Letter of Model Difference SPIRIT LLC DDX69 Multimedia car player 2AYOQ 2AYOQDDX69 ddx69

SPIRIT LLC 1400 NW 159TH ST, BAY 101 MIAMI GARDENS, FL 33169, MIAMI, FLORIDA 33169, United States D ... y model number is different for these model:

Product name: Multimedia car player Model no.: DDX6.9, **DDX6.9ML**, DDX6.2

Sincerely, Name/Title Company: Address: Phone: Fax: E-Mail: Sasha Susterman / Gen...

lang:nl score:19 filesize: 339.79 K page_count: 1 document date: 2021-03-26

CONFIDENTIALITY REQUEST for Certification Service in USA

Federal Communication Commission
Equipment Authorization Division, Application Processing Branch
1000 19th Street, NW
Washington, DC 20594

Date: 2021/3/12

Pursuant to Paragraphs 0.457 and 0.459 of the Commission's Rules (47 C.F.R.) and Section 505(b)(4) of the Freedom of Information Act, we request confidentiality for the following products:

FCC ID: 2AYOQ-DDX9AD Model name: DDX6.9, DDX6.9ML, DDX6.2

For the product stated above, we request that the following information be held confidential:

Exhibit	Long-Term Confidentiality	Short-Term Confidentiality	Short-Term Confidentiality Days
External IP trace	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internal Photos	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Test Data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schematics	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Test Site Photos	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
User Manual	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Parts List	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Log Files	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Operational Descriptions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The long-term confidentiality exhibits contain our trade secrets and proprietary information that could be of benefit to our competitors.

The short-term confidentiality on the basis of ensuring that business sensitive information remains confidential until the actual marketing of our new device.

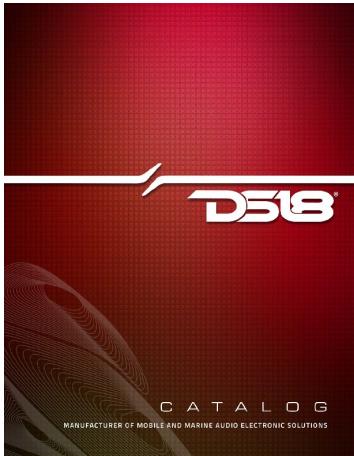
If you have any questions, please feel free to contact me at the address shown below.

[pdf] Confidentiality Request Letter

FCC Confidentiality request letter SPIRIT LLC DDX69 Multimedia car player 2AYOQ 2AYOQDDX69 ddx69

CONFIDENTIALITY REQUEST for Certification Service in USA Federal Communication Commission Equipment ... t, we requests confidentiality for the following products: FCC ID 2AYOQ-DDX9AD Model name DDX6.9, **DDX6.9ML**, DDX6.2 For the product stated above, we request that the following information be held co...

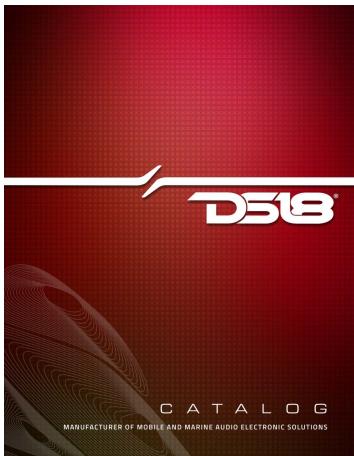
lang:en score:19 filesize: 237.71 K page_count: 2 document date: 2021-03-26



[DS18 Catalog: Mobile & Marine Audio Electronics](#)

Explore the comprehensive DS18 catalog featuring a wide range of mobile and marine audio solutions, including speakers, subwoofers, amplifiers, head units, and accessories for cars, boats, and powersports vehicles.

lang:en score:17 filesize: 17.79 M page_count: 137 document date: 2024-11-13



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[\[pdf\] Test Report](#)

Test report DSS SPIRIT LLC DDX69 Multimedia car player 2AYOQ 2AYOQDDX69 ddx69

Report No.: TZ210201977-E FCC TEST REPORT Test report On Behalf of SPIRIT LLC For Multimedia car player Model No: DDX6.9, **DDX6.9ML**, DDX6.2 FCC ID: 2AYOQ-DDX69 Prepared for : SPIRIT LLC 1400 NW 159TH ST, BAY 101 MIAMI GARDENS, FL 33169, MIAMI, FLORIDA 33169, United States Prepared By : Shenzhen ...

lang:en score:14 filesize: 1.24 M page_count: 35 document date: 2021-03-26