

ESX VMX700DAB

ESX Vision VMX700DAB Multimedia Receiver

User Manual

Model: VMX700DAB | Brand: ESX

INTRODUCTION

Thank you for choosing the ESX Vision VMX700DAB Universal 2 DIN Multimedia Receiver. This device is designed to provide a comprehensive in-car entertainment and communication experience, featuring a 7-inch touchscreen, digital radio, smartphone integration, and versatile media playback options. This manual provides essential information for the proper installation, operation, and maintenance of your new multimedia receiver.

KEY FEATURES

- 7-inch (17.8 cm) Touchscreen Display
- Wireless Apple CarPlay and Android Auto compatibility
- DAB+ Digital Radio with included DAB antenna
- FM/AM Radio with RDS function
- Bluetooth Hands-free Function with audio streaming
- Front USB-C port for media and charging (1.5A)
- Rear USB-A port for Apple CarPlay/Android Auto and charging (1.5A)
- 4 x 80 W max. music power output
- 4V RCA pre-amplified outputs (FL/FR/RL/RR/SUB1/SUB2)
- RCA AUX inputs (L/R/VIDEO)
- RCA Camera inputs (Front/Rear)
- Internal and external microphone support
- Compatible with analog steering wheel remote control (learnable)
- Integrated GPS receiver
- Multimedia player for audio, video, and photos (AVI, FLV, MOV, MKV, WMV, WMA, MP3, FLAC, JPEG, PNG, BMP)

SETUP

1. Package Contents

Before beginning installation, ensure all components are present. The package typically includes:

- ESX VMX700DAB Multimedia Receiver
- Power and Speaker Wiring Harnesses
- External Microphone
- DAB+ Antenna
- GPS Receiver
- Mounting Hardware and Trim Frame
- RCA Cables for AUX and Camera Inputs

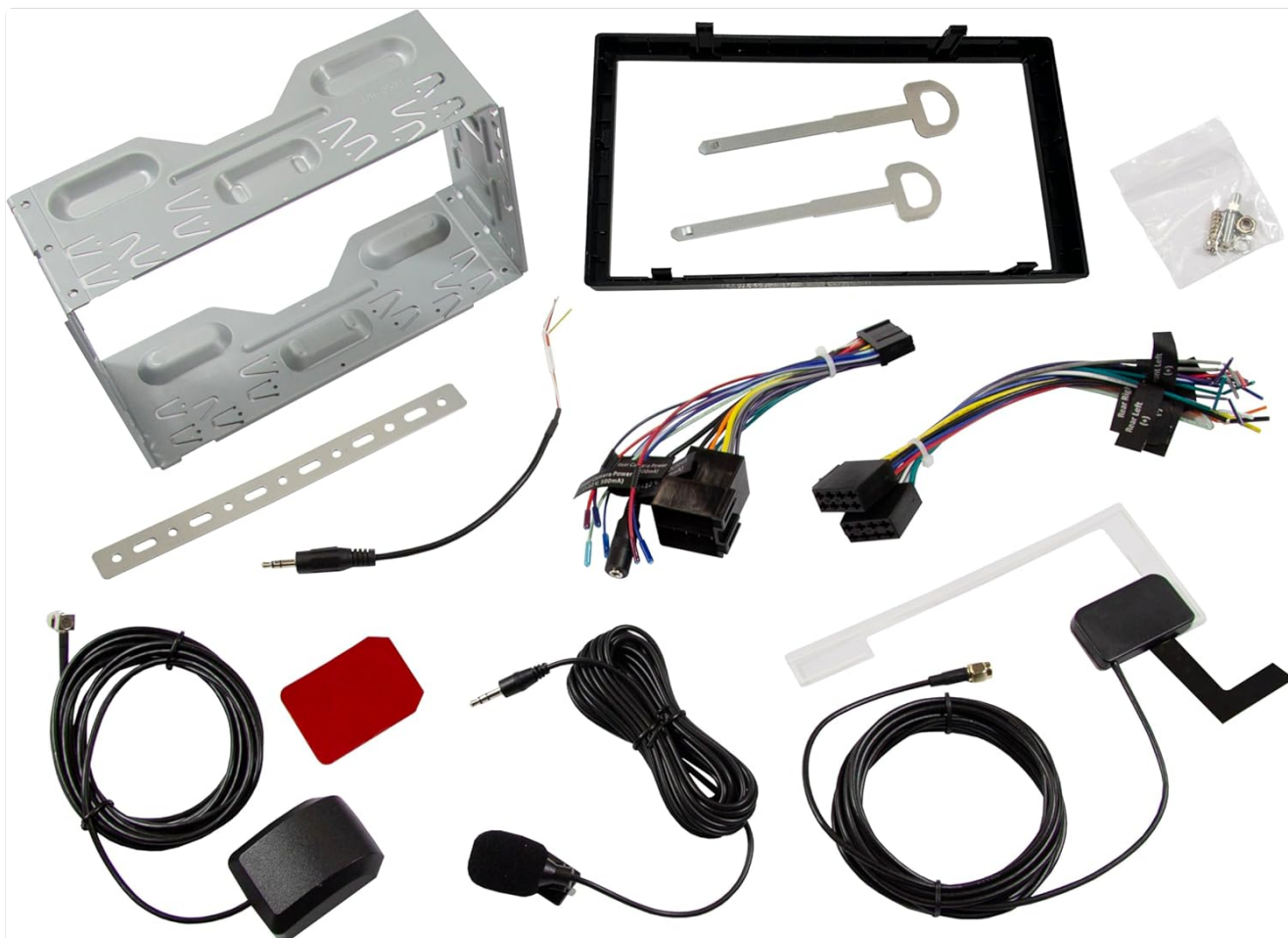


Image: Overview of all included accessories and cables for the ESX VMX700DAB multimedia receiver, including wiring harnesses, antennas, and mounting brackets.

2. Installation

Installation of the ESX VMX700DAB should ideally be performed by a qualified professional to ensure proper wiring and functionality. Incorrect installation can lead to damage to the unit or vehicle electrical system.

- **Mounting:** Secure the 2 DIN unit into your vehicle's dashboard opening using the provided mounting brackets and screws. Ensure it is firmly seated.
- **Wiring:** Connect the main power harness, speaker wires, and other auxiliary connections (RCA pre-outs, AUX-in, camera inputs) as per your vehicle's wiring diagram and the receiver's connection ports.
- **Antennas:** Connect the DAB+ antenna and GPS receiver to their respective ports on the rear of the unit. Position the antennas for optimal signal reception.
- **External Microphone:** Connect the external microphone to the designated input for improved hands-free call quality.

- **Steering Wheel Control:** If your vehicle supports analog steering wheel controls, connect the appropriate wires and configure the learning function in the unit's settings.



Image: Rear panel of the ESX VMX700DAB multimedia receiver, displaying the array of input and output ports including RCA, USB, and antenna connections for comprehensive system integration.



Image: Side view of the ESX VMX700DAB unit, highlighting its compact 2 DIN chassis design and the front panel layout with physical controls and USB-C port.



Image: Front view of the ESX VMX700DAB multimedia receiver, showcasing its 7-inch touchscreen display and the physical rotary knob and buttons on the left side for easy access to essential functions.

3. Initial Power On

After installation, turn on your vehicle's ignition. The unit should power on automatically. Follow any on-screen prompts for initial setup, such as language selection or time zone settings.

OPERATING INSTRUCTIONS

1. Basic Controls and Interface

The VMX700DAB features a large rotary knob for volume control and three function keys on the left side of the control panel for quick access. The primary interface is the 7-inch touchscreen.

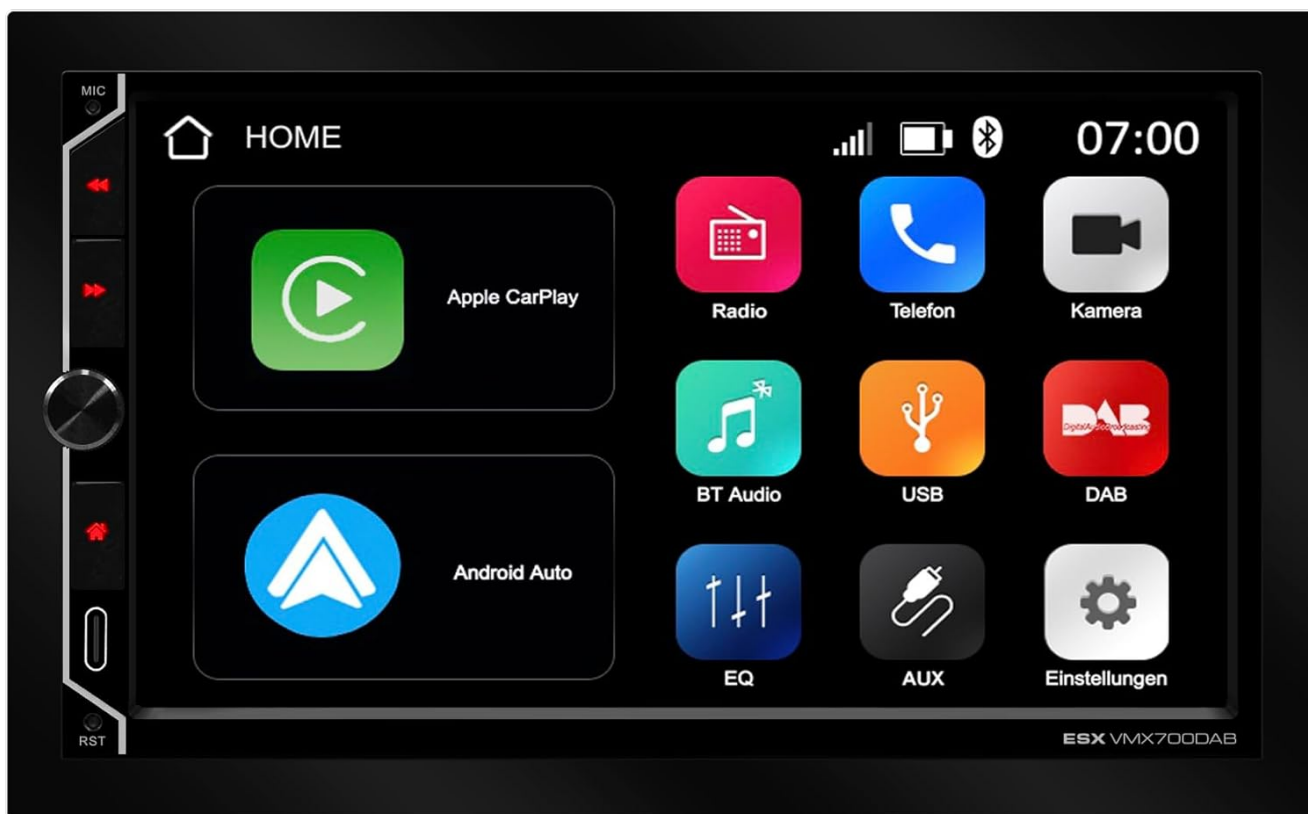


Image: The main home screen of the ESX VMX700DAB multimedia receiver, displaying various application icons for functions such as Apple CarPlay, Android Auto, Radio, Phone, Camera, Bluetooth Audio, USB, DAB, Equalizer, AUX, and Settings.

- **Rotary Knob:** Turn to adjust volume. Press to mute/unmute or access specific menus depending on context.
- **Function Keys:** These keys provide shortcuts to common functions. Refer to the on-screen labels for their specific actions.
- **Touchscreen:** Navigate through menus, select options, and control playback by touching the corresponding icons or areas on the display.

2. Radio Functions (FM/AM & DAB+)

Select the "Radio" or "DAB" icon from the home screen to access radio functions.

- **FM/AM Radio:** Use the on-screen controls to scan for stations, save presets, and utilize RDS features for station information.
- **DAB+ Radio:** The integrated DAB+ tuner provides access to digital radio broadcasts. Ensure the DAB antenna is properly connected for optimal reception. Scan for available DAB stations and save your favorites.

3. Bluetooth Connectivity

The built-in Bluetooth module supports hands-free calling and high-quality wireless music streaming.

- **Pairing:** Go to the Bluetooth settings on the receiver and enable pairing mode. On your smartphone, search for available Bluetooth devices and select "ESX VMX700DAB" to connect.
- **Hands-free Calling:** Once paired, you can make and receive calls directly through the receiver. The 7-inch display shows your phonebook, allowing direct contact selection. The external microphone ensures clear voice quality.
- **Audio Streaming:** Stream music wirelessly from your smartphone to the receiver. Control playback (play/pause, skip tracks) from the receiver's touchscreen.

4. Apple CarPlay & Android Auto (Wireless & USB)

The ESX VMX700DAB supports both wireless and wired connections for Apple CarPlay and Android Auto, mirroring your smartphone's compatible apps directly onto the receiver's screen.

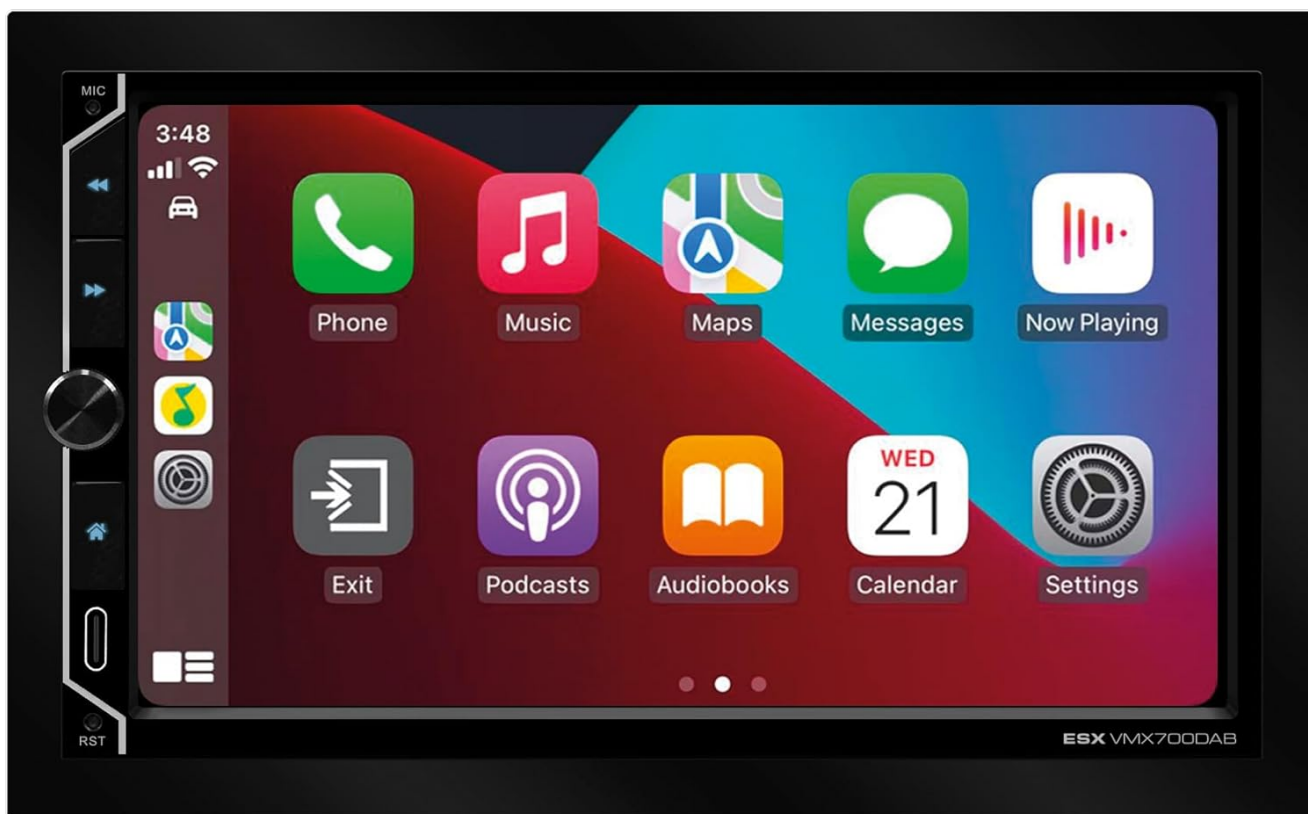


Image: The Apple CarPlay interface displayed on the ESX VMX700DAB screen, showing common iOS applications like Phone, Music, Maps, Messages, and Now Playing, providing seamless smartphone integration.



Image: The ESX VMX700DAB multimedia receiver installed in a car dashboard, displaying music playback information on its screen while a smartphone is held nearby, illustrating the integrated media experience.

- **Wireless Connection:** Ensure your smartphone's Wi-Fi and Bluetooth are enabled. Select the Apple CarPlay or Android Auto icon on the receiver's home screen and follow the on-screen instructions to establish a wireless connection.
- **USB Connection:** Connect your smartphone to the dedicated USB-A port (usually at the rear, or via the front USB-C if supported for data) using a certified USB cable. The system will automatically launch CarPlay or Android Auto.
- **Functionality:** Access navigation (e.g., Google Maps with live traffic), music streaming services (e.g., Spotify), messaging, and other compatible apps directly from the receiver's touchscreen.

5. Media Playback

The VMX700DAB supports various audio, video, and photo formats via its USB ports.

- **USB Media:** Insert a USB drive into the front USB-C port or rear USB-A port. Select the "USB" icon to browse and play media files.
- **Supported Formats:** AVI, FLV, MOV, MKV, WMV, WMA, MP3, FLAC, JPEG, PNG, BMP.
- **AUX Input:** Connect external audio/video devices to the RCA AUX inputs (L/R/VIDEO) at the rear of the unit. Select "AUX" from the source menu to play content.

6. Camera Inputs

The unit features two RCA camera inputs (Front/Rear) for connecting external cameras.

- **Rear Camera:** When connected, the display will automatically switch to the rear camera view when the vehicle is put into reverse gear.
- **Front Camera:** The front camera view can typically be activated manually from the "Camera" icon on the home screen or through specific settings.

MAINTENANCE

- **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 abrasive materials or harsh chemicals.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean around buttons and ports.
- **Software Updates:** Periodically check the ESX website for any available firmware updates for your VMX700DAB model. Updates can improve performance, add features, or fix bugs. Follow the instructions provided with the update file carefully.

TROUBLESHOOTING

If you encounter issues with your ESX VMX700DAB, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Blown fuse, incorrect wiring, vehicle ignition off.	Check vehicle fuses and the unit's fuse. Verify power wiring connections. Ensure vehicle ignition is on.
No sound	Volume too low, mute activated, incorrect speaker wiring, amplifier issue.	Increase volume. Check if mute is active. Verify speaker connections. If using external amplifier, check its power and connections.

Problem	Possible Cause	Solution
Poor radio reception (DAB/FM)	Antenna not connected, poor antenna placement, weak signal area.	Ensure antenna is securely connected. Reposition antenna for better signal. Try in an area with stronger signal.
Bluetooth not connecting	Device not in pairing mode, incorrect pairing process, interference.	Ensure both devices are in pairing mode. Delete previous pairings and try again. Move closer to the unit.
Apple CarPlay/Android Auto not launching	Incorrect USB cable, phone settings, app issues, wireless connection problems.	Use a certified USB cable. Check phone settings for CarPlay/Android Auto. Restart phone and unit. For wireless, ensure Wi-Fi and Bluetooth are on and paired.
Touchscreen unresponsive	System freeze, dirt on screen.	Perform a soft reset (refer to manual for specific reset button/procedure, often a small pinhole). Clean the screen.

If the problem persists after trying these solutions, please contact ESX customer support or a qualified service technician.

SPECIFICATIONS

Feature	Detail
Model Number	VMX700DAB
Display	7-inch (17.8 cm) Touchscreen
Connectivity Technology	Bluetooth, USB (Type A, Type C), Auxiliary (RCA)
Special Features	Wireless Apple CarPlay, Wireless Android Auto, DAB+ Digital Radio, Hands-free Calling
Compatible Devices	Smartphone
Max Music Power Output	4 x 80 W
Pre-amplified Outputs	4V RCA (FL/FR/RL/RR/SUB1/SUB2)
Audio Input Mode	Stereo
Surround Sound Channel Configuration	4.2
Video Encoding Formats	AVI, FLV, MOV, MKV, WMV
Audio Encoding Formats	WMA, MP3, FLAC
Image Formats	JPEG, PNG, BMP
Item Weight	1.61 Kilograms

WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official ESX website. Keep your proof of purchase for any warranty claims.

For technical support, troubleshooting beyond this manual, or service inquiries, please contact ESX customer support through their official channels. Contact information can typically be found on the ESX website or in the product packaging.

© 2024 ESX. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - VMX700DAB

	ESX VMX700DAB 2-DIN Media Receiver User Manual This manual provides comprehensive instructions for the ESX VMX700DAB, a 2-DIN 7-inch media moniceiver. It covers general information, safety instructions, specifications, installation, control elements, settings for audio, display, Wi-Fi, Bluetooth, camera, and radio, as well as application functions like Apple CarPlay, Android Auto, Handsfree, BT Audio, Camera, USB, DAB, and AUX.
	ESX VMX900DAB 1-DIN Media Receiver User Manual User manual for the ESX VMX900DAB, a 1-DIN multi-angle media moniceiver with a 22.8 cm (9") touchscreen. Covers installation, control elements, settings, and functions like Apple CarPlay, Android Auto, radio, hands-free, Bluetooth audio, camera, USB, DAB, and AUX.
	ESX VMX700DAB 2-DIN Media Moniceiver Benutzer-Handbuch und Installationsanleitung Umfassendes Benutzerhandbuch und Installationsanleitung für den ESX VMX700DAB 2-DIN 7-Zoll Media Moniceiver. Beinhaltet Funktionen, Anschlüsse, Einstellungen und Anwendungen wie Apple CarPlay und Android Auto.
	ESX VMX900DAB 1-DIN Media Receiver User Manual This user manual provides comprehensive instructions for the ESX VMX900DAB 1-DIN Multi-Angle Media Moniceiver, covering installation, operation, settings, and features like Apple CarPlay and Android Auto.
	ESX iGO Primo Nextgen Navigation Quick Start Guide for Camper & Truck Android Comprehensive quick start guide for the ESX iGO Primo Nextgen touchscreen navigation system, Vision Series for Android. Covers installation, initial setup, navigation views, menus, route planning, and settings for camper and truck use.

User manual for the ESX QL800.6 6-Channel Class D Amplifier. This guide provides detailed information on installation, technical specifications, safety, and troubleshooting for your car audio system.

ESX VMX700DABvmx700dab chesxnavi de english assets vmx700dab ch VMX700DABAudio Design Test
Reviewsv1esxnavi chaudiodesign ||| ||| Einzeltest ESX VMX700DAB Moniceiver ESX VMX700DAB im Test
Universell fr Fahrzeuge mit 2-DIN-Schacht AUSSTATTUNGSTIPP Oberklasse 6/2024 Geheimtipp mit Car
Play und Android Auto Der preisgnstige 2-DIN-Universal-Moniceiver von ESX berzeugt mit
Einzeltest ESX **VMX700DAB** Moniceiver ESX **VMX700DAB** im Test Universell fr
Fahrzeuge mit 2-DIN-Schacht AUSSTATTUNGSTIPP Oberklasse 6/2024 Geheimtipp
mit Car Play und Android Auto Der preisgnstige 2-DIN-Universal-Moniceiver von ESX
berzeugt mit solider Technik und tollem Funktionsumfang. Bei einem ...
lang:de score:38 filesize: 544.05 K page count: 2 document date: 2024-09-20

This manual provides comprehensive instructions for the ESX VMX700DAB, a 2-DIN 7-inch media moniceiver. It covers general information, safety instructions, specifications, installation, control elements, settings for audio, display, Wi-Fi, Bluetooth, camera, and radio, as well as application functions like Apple CarPlay, Android Auto, Handsfree, BT Audio, Camera, USB, DAB, and AUX.

lang:en score:34 filesize: 5.72 M page count: 24 document date: 2024-03-04



[pdf]

VMX700DAB ESX Car Media Systems esxnavi de â° assets vmx700dab ger |||

VB1E. 0NANUTDZBEURC-H H **VMX700DAB** 2-DIN 17,8 CM 7 MEDIA MONICEIVER 2 INDEX Allgemeine

Hinweise.....4

Lieferumfang.....

lang:de score:34 filesize: 5.75 M page_count: 24 document date: 2024-03-04



[pdf]

Geheimtipp mit Car Play und Android Auto esxnavi de â° assets vmx700dab ch |||

Einzeltest ESX **VMX700DAB** Moniceiver ESX **VMX700DAB** im Test Universell fr Fahrzeuge mit 2-DIN-Schacht AUSSTATTUNGSTIPP Oberklasse 6/2024 Geheimtipp mit Car Play und Android Auto Der preisgnstige 2-DIN-Universal-Moniceiver von ESX berzeugt mit solider Technik und tollem Funktionsumfang. Bei einem ...

lang:de score:31 filesize: 544.05 K page_count: 2 document date: 2024-09-20



[pdf]

VMX700DAB om vmx700dab ger esxnavi de assets |||

VB1E. 1NANUTDZBEURC-H H **VMX700DAB** 2-DIN 17,8 CM 7 MEDIA MONICEIVER 2 INDEX Allgemeine

Hinweise.....4

Lieferumfang.....

lang:de score:29 filesize: 3.75 M page_count: 24 document date: 2025-03-25



[ESX VMX700DAB 2-DIN Media Moniceiver Benutzer-Handbuch und Installationsanleitung](#)

Umfassendes Benutzerhandbuch und Installationsanleitung für den ESX VMX700DAB 2-DIN 7-Zoll Media Moniceiver. Beinhaltet Funktionen, Anschlüsse, Einstellungen und Anwendungen wie Apple CarPlay und Android Auto.

lang:de score:27 filesize: 5.75 M page_count: 24 document date: 2024-03-04



[ESX VMX900DAB Moniceiver Testbericht mit 9-Zoll-Display](#)

Umfassender Testbericht zum ESX VMX900DAB Moniceiver. Erfahren Sie mehr über das 9-Zoll-Display, die innovative Klick-Halterung, Apple CarPlay, Android Auto und die technischen Spezifikationen.

lang:de score:25 filesize: 395.35 K page_count: 2 document date: 2025-03-20



[\[pdf\]](#)

9 1 2025 INTERNATIONAL vmx900dab chi esxnavi de assets |||

1/2025 INTERNATIONAL 9 Individual test ESX VMX900DAB The 9-inch monitor can be attached and removed with a single click In the fall of 2024, ESX launched the **VMX700DAB**, an affordable moniceiver that impressed our testers with cutting-edge technology and a comprehensive range of features see ...

lang:en score:21 filesize: 651.11 K page_count: 4 document date: 2025-04-10

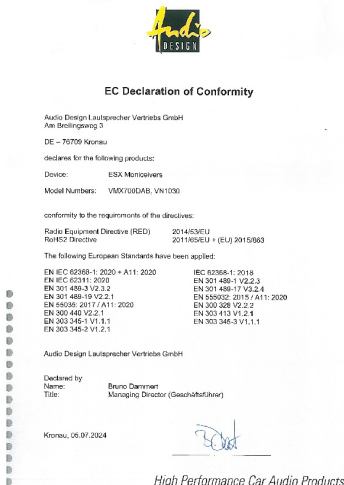


[pdf] User Manual

Audio Design Test Reviewsvmx900dab chaudiodesign de english assets vmx900dab ch |||

Einzeltest ESX VMX900DAB Moniceiver ESX VMX900DAB im Test Universell fr
Fahrzeuge mit DIN-Schacht Der Trick mit dem Klick Das neueste Bildschirmradio von
ESX bietet einen 9-Zoll-Monitor mit ausgeklgelter Klick-Halterung. Im Herbst 2024
brachte ESX mit dem **VMX700DAB** einen preisgnstigen Monice...

lang:de score:21 filesize: 395.35 K page_count: 2 document date: 2025-03-20

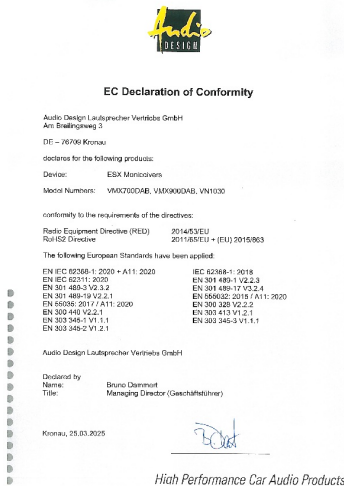


[pdf]

Untitled esx vmx700dab ce esxnavi de assets |||

...

lang:de score:17 filesize: 534.74 K page_count: 1 document date: 2024-07-04



[pdf] Decleration of Conformity

UntitledESX Moniceivers Model Numbers VMX700DAB VMX900DAB VN1030 conformity to the requirements
of directives Radio Equipment Directive RED RoHS2esx vmx700 900dab ceesxnavi de assets esx ce |||

...

lang:de score:13 filesize: 517.61 K page_count: 1 document date: 2025-03-25