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WARNINGS

PLEASE READ THIS INSTRUCTION MANUAL CAREFULLY BEFORE INSTALLATION.

- 1) Phonocar S.p.A. does not accept any responsibility for damage resulting from improper installation or misuse of the product.
- 2) Installation must be carried out by qualified personnel.
- 3) Installation must be carried out in a properly equipped workshop, with the vehicle stationary, the engine switched off and the parking brake engaged.
- 4) In addition, refer to the safety instructions given in the instructions for the vehicle on which the product is to be installed.
- 5) Do not attempt to repair the device: if necessary, consult your reseller or qualified technical staff.
- 6) Take all necessary precautions and use personal protective equipment to avoid any injuries or damage to property.
- 7) When installation is complete, check that the work has been carried out correctly and according to the instructions in this manual.
- 8) Use only with a 12 VDC electrical system with a negative ground system.
- 9) Disconnect the negative terminal of the vehicle battery when making connections to the unit.
- 10) When replacing the fuse, use one of the same amperage.
- 11) Turn on the unit only after ensuring the temperature inside the passenger compartment has stabilised to a standard range.
- 12) Set the volume low enough so you can still hear sounds like car horns or emergency sirens while in the car.
- 13) Do not connect any cables in places where they could obstruct the operation of the car's safety devices.
- 14) Keep out of the reach of children.
- 15) Only use the antenna that comes with the device; avoid using different DAB antennas.

1 INFORMATION AND TECHNICAL CHARACTERISTICS

FOREWORD

This manual is for installers of
MEDIASTATION VM053 / VM053E / VM053K.
 Installation must be carried out by qualified personnel only.
 For any questions or doubts, please contact Phonocar S.p.A.
 Always adopt all appropriate safety measures to prevent injuries or damage to property.

DESCRIPTION

VM053 Android multimedia system with wireless Apple CarPlay and android auto. 10.1" extra-large capacitive touchscreen monitor, adjustable in all directions, and removable with quick release system.

VM053E VM053 multimedia system with iGO Primo Nextgen Europe map for offline navigation optimized for cars.

VM053K VM053 multimedia system with iGO Primo Nextgen Europe map for offline navigation optimized for trucks.

INTENDED USE

Product intended for installation on all vehicles with 1 DIN car radio slot and 12V power supply.
 Any other use is considered inappropriate and unspecified.

TECHNICAL SPECIFICATIONS

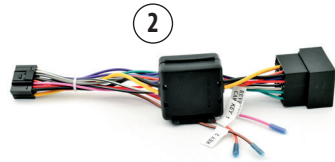
ANDROID 12 operating system.
 32 GB ROM memory
 4 GB RAM.
 2.5 GHz ARM OCTACORE CPU.
SMARTPHONE CONNECTIVITY:
 Wireless Apple CarPlay and Android Auto with CarLetter.
 10.1" TFT/LCD capacitive touchscreen monitor.
 Resolution: 1280x720 pixels.
 FM/AM/RDS/EON PLL radio tuner.
 Dab+ USB receiver.
 Last position storage.
 2 rear USB Type A ports: one for DAB+ receiver and one for free multimedia installation, max 128 GB.
 1 rear A/V input.

Supported audio files: MP3, AAC, WAV, FLAC, APE.
 Supported video files: MPEG, AVI, RM, FLV, ASF/WMV, MP4, MKV, OGM, TS.
 Supported photo files: JPEG, BMP, PNG.
 WI-FI.
 Bluetooth V5: Handsfree calling with external microphone and A2DP.
 Internet access via Bluetooth connection (tethering).
 GPS antenna.
 ONLINE navigation (via Google Maps, AppleCarPlay or AndroidAuto).
 Navigation OFF-LINE after sale for model VM053.
 Navigation OFF-LINE CARS included in models VM053E.
 Navigation OFF-LINE TRUCK included in models VM053K.
 1 rear-view camera input.
 Integrated resistive steering-wheel controls.
 Subwoofer output and Pre-out.
 Power: 4x45W.
 16-band graphic equaliser.
INSTALLATION: SINGLE DIN car radio slot.
 Monitor height/tilt/rotation adjustable with quick release.
APPS: Google Maps, YouTube, Chrome.

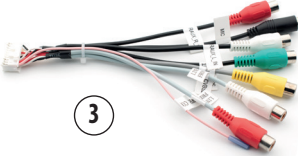
2 PACKAGE CONTENTS



1



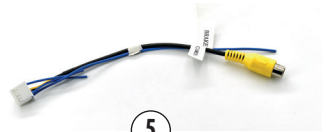
2



3



4



5



6



7



8



9



10



11

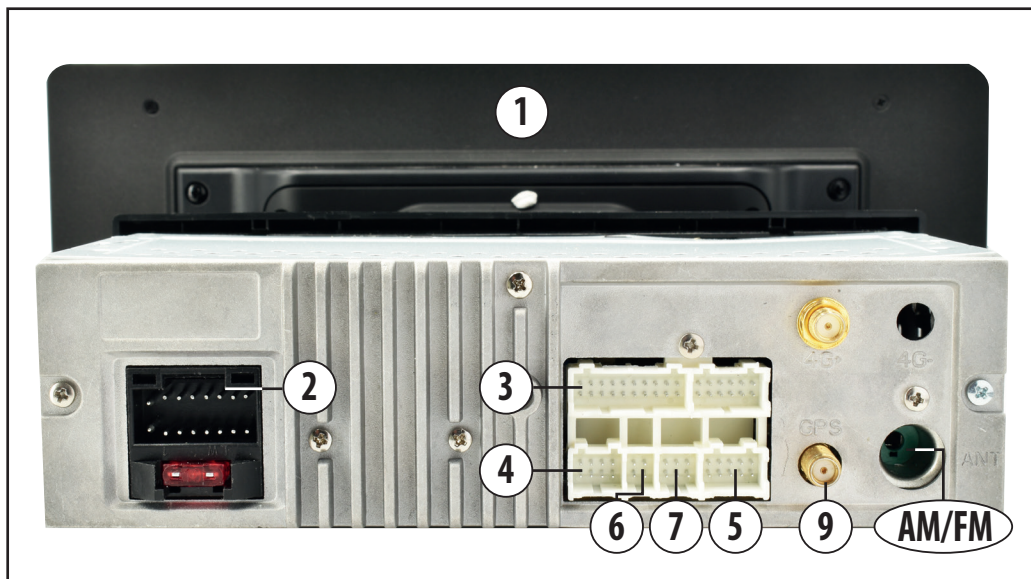


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1	MULTIMEDIA SYSTEM
2	POWER WIRING HARNESS - MEDIASTATION AND SPEAKERS (ISO CONNECTOR), REAR-VIEW CAMERA ACTIVATION, RESISTIVE STEERING-WHEEL CONTROLS
3	WIRING HARNESS FR-FL PRE-OUT OUTPUT RCA, SUBWOOFER RCA, REAR-VIEW CAMERA POWER SUPPLY, MICROPHONE CONNECTOR, AUDIO/VIDEO INPUT RCA
4	WIRING HARNESS RR-RL PRE-OUT OUTPUT RCA
5	WIRING HARNESS - REAR-VIEW CAMERA INPUT RCA, PARKING BRAKE SIGNAL, WI-FI ANTENNA

6	TYPE A USB ADAPTER CABLE 4 PIN
7	TYPE A USB ADAPTER CABLE 6 PIN
8	MICROPHONE
9	GPS ANTENNA
10	DAB+ ANTENNA AND MODULE
11	REMOVAL TOOLS
12	INSTRUCTION MANUAL

3 CONNECTIONS

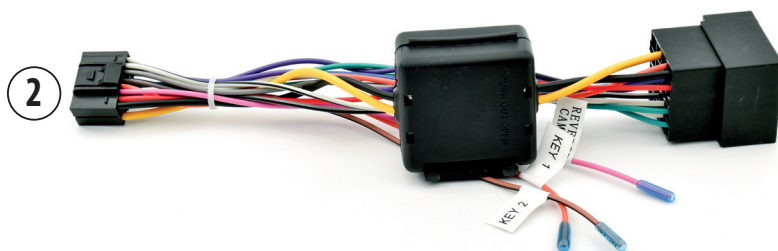


3.1 POWER WIRING HARNESS - MEDIASTATION AND SPEAKERS (ISO CONNECTOR), REAR-VIEW CAMERA ACTIVATION, RESISTIVE STEERING-WHEEL CONTROLS



WARNING!

THERE IS NO 'GND' CABLE, USE THE BLACK GROUND CABLE IN THE ISO CONNECTOR TO USE THE STEERING WHEEL CONTROLS



KEY1	KEY2	REVERSE CAMERA	ISO CONNECTOR
RESISTIVE STEERING-WHEEL CONTROLS	RESISTIVE STEERING-WHEEL CONTROLS	ACTIVATION REAR-VIEW CAMERA	POWER SUPPLY AND OUTPUTS SPEAKERS

3.2 WIRING HARNESS - FR-FL PRE-OUT OUTPUT RCA, SUBWOOFER RCA, REAR-VIEW CAMERA POWER SUPPLY, MICROPHONE CONNECTOR, AUDIO/VIDEO INPUT RCA

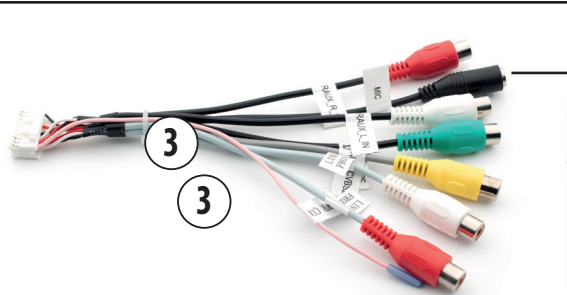


Diagram showing the wiring harness for section 3.2. The harness includes a multi-colored cable with a white connector (labeled 3), a black cable with a 3.5mm jack (labeled 8), and several RCA cables (red, white, yellow, green, blue) with labels for PWR CON, LINE OUT SUBWOOFER, MIC, PRE-OUT FR, FL, AUX CVBS2, and AUX L IN AUX R IN.

PWR CON	LINE OUT SUBWOOFER	MIC	PRE-OUT FR, FL	AUX CVBS2	AUX L IN AUX R IN
REAR-VIEW CAMERA POWER	SUBWOOFER AUDIO OUTPUT	MICROPHONE CONNECTOR	PREAMPLIFIED OUTPUTS SPEAKERS	VIDEO INPUT RCA	AUDIO INPUT RCA

3.3 WIRING HARNESS RR-RL PRE-OUT OUTPUT RCA

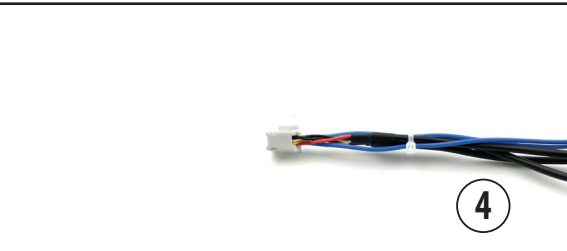


Diagram showing the wiring harness for section 3.3. The harness includes a multi-colored cable with a white connector (labeled 4), a black cable with a 3.5mm jack (labeled 4a), and two RCA cables (red, white) with labels for CENTER OUT and LINE-OUT RR, RL.

CENTER OUT	4a	LINE-OUT RR, RL
NOT ENABLED	NOT ENABLED	PREAMPLIFIED OUTPUTS SPEAKERS

3.4 WIRING HARNESS - REAR-VIEW CAMERA INPUT RCA, PARKING BRAKE SIGNAL, WI-FI ANTENNA

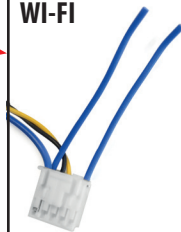


WARNING!

DO NOT CONNECT the indicated blue wires; they serve as a WI-FI antenna.

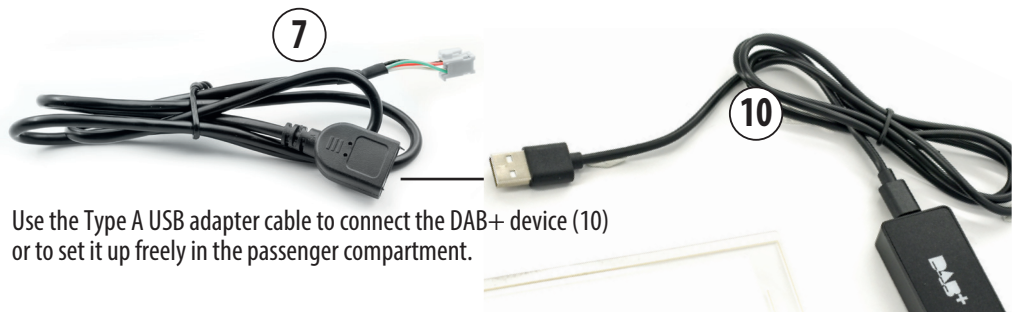


**ANTENNA
WI-FI**



CAMERA	BRAKE
REAR-VIEW CAMERA INPUT RCA	PARKING BRAKE SIGNAL

3.5 TYPE A USB ADAPTER CABLE 6 PIN



3.6 TYPE A USB ADAPTER CABLE 4 PIN



4 INSTALLATIONS

4.1 DAB+ ANTENNA



Install the DAB+ antenna on the right-hand side of the windscreen, ensuring the bronze section touches the vehicle's frame (this is necessary to power the antenna).

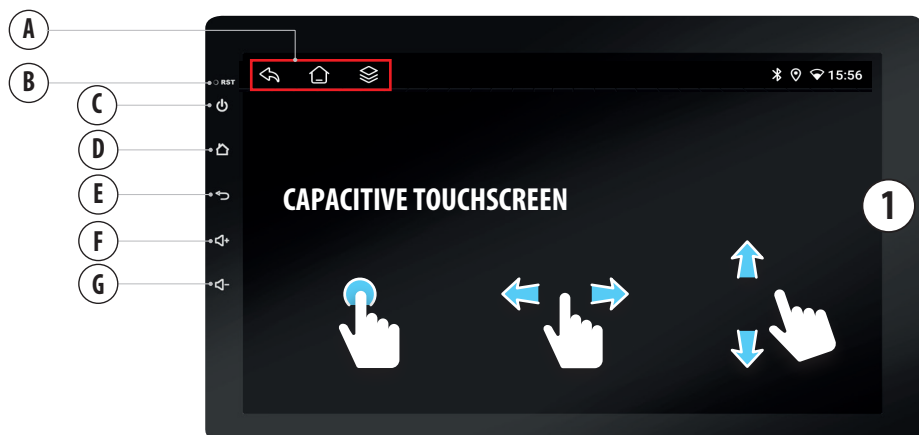
N.B. When positioning the antenna, make sure it does not obstruct the driver's visibility.

4.2 MICROPHONE



Find the best spot to place the microphone (7) inside the vehicle, making sure it faces and is near the driver for optimum performance. Attach the support with 3M double-sided adhesive tape.

5 MONITOR AND MAIN FUNCTION BUTTONS



A ↶ BACK TO PREVIOUS MENU.
 ↷ BACK TO HOME MENU.
 ≡ RUNNING APPS.

B RESET

C LONG PRESS = ON/OFF.
 SHORT PRESS = MUTE.

D SHORT PRESS = HOME.
 LONG PRESS = RUNNING APPS.

E PREVIOUS MENU

F VOLUME+

G VOLUME -

6 FIRST START-UP

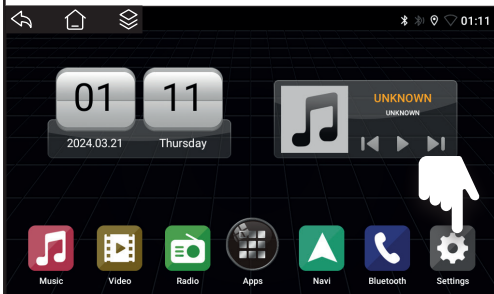


WARNING!

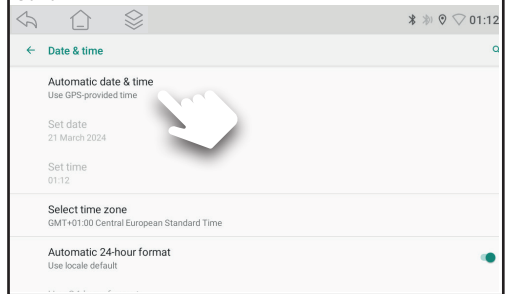
MAKE SURE YOU SET THE DATE AND TIME WHEN YOU TURN ON THE DEVICE FOR THE FIRST TIME, BEFORE YOU START ADJUSTING ANY OTHER SETTINGS.

6.1 SETTING THE DATE AND TIME

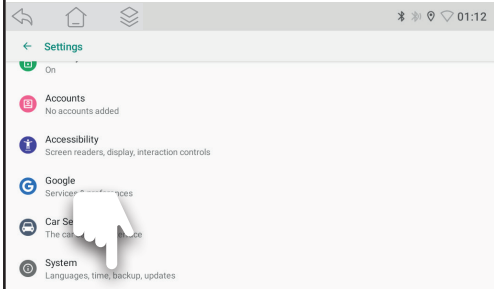
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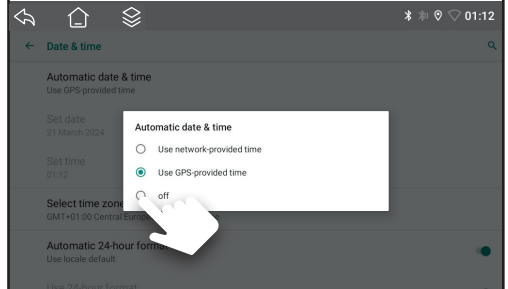
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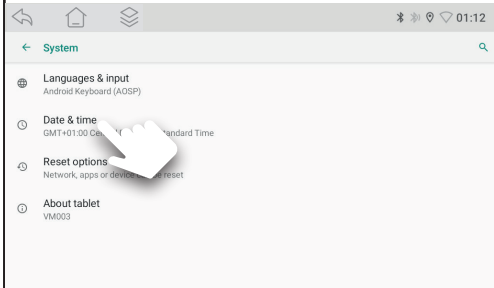
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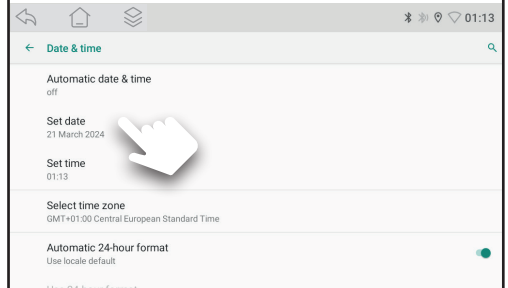
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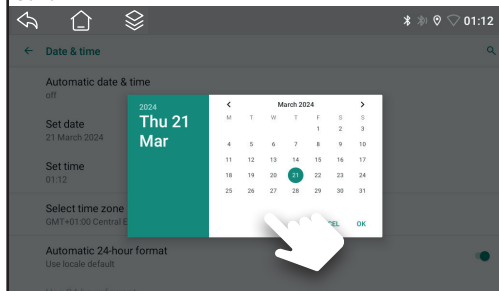
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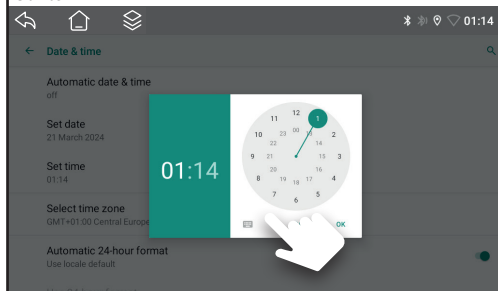
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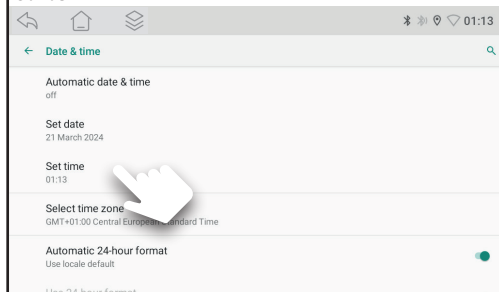
6.1.7



6.1.9



6.1.8

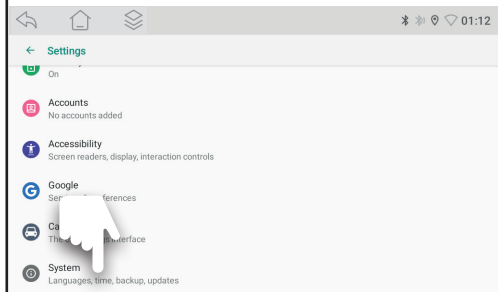


6.2 SETTING THE LANGUAGE

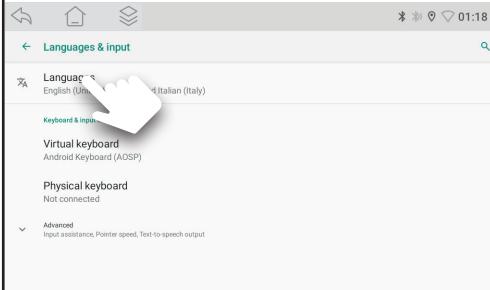
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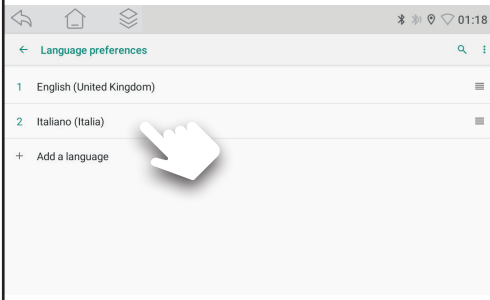
6.2.2



6.2.3

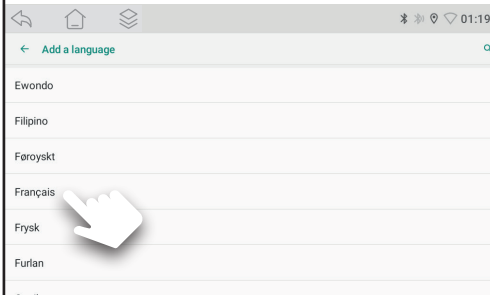


6.2.4



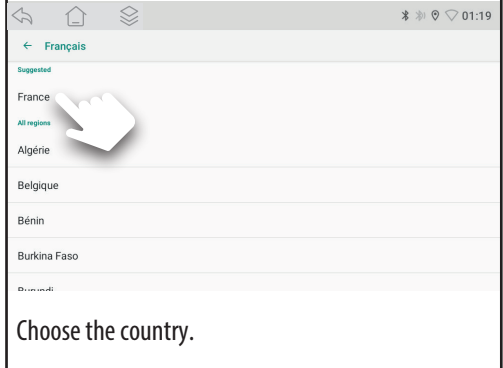
Select a language from the list or add a language of your choice.

6.2.5

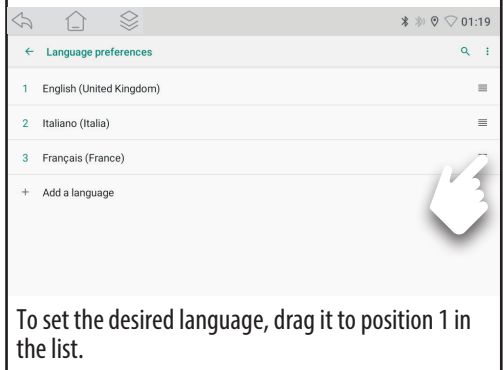


Choose the language.

6.2.6

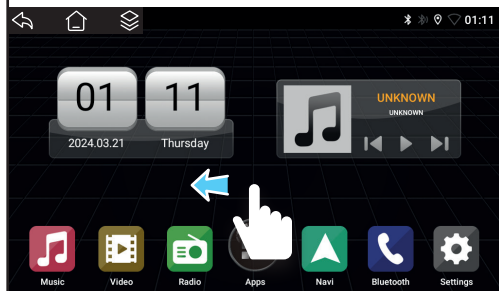


6.2.7



6.3 RESISTIVE STEERING-WHEEL CONTROLS

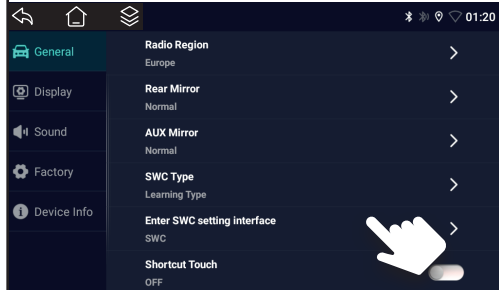
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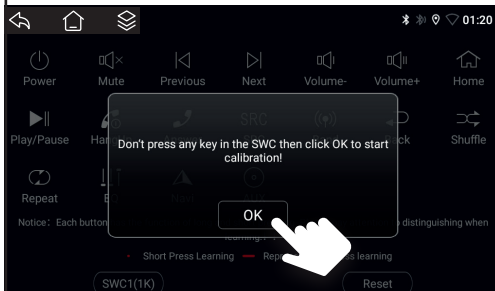
6.3.2



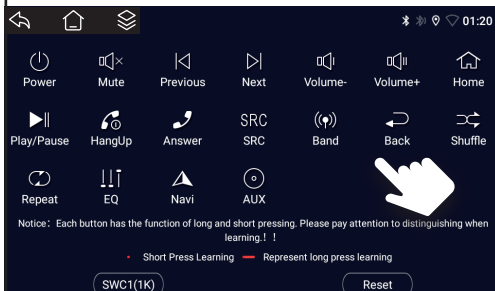
6.3.3



6.3.4



6.3.5



N.B. Every control on the steering wheel can respond to either a short or long press.

To reassign a control on the steering wheel, choose its matching symbol on the monitor, then press the steering wheel button in the manner you prefer (short or long).

The way you pressed the steering wheel button will show up on the screen under the corresponding symbol: a red dot if you press quickly the button or a red bar if you held the button down.

For the "Volume-" and "Volume+" controls, a short press is recommended.

To reassign a button and/or type of press, repeat the procedure after selecting Reset.
If you are having trouble programming the buttons, change the SWC button's setting from 1K to either 2K or 3K using the SWC symbol.

7 DISPOSAL



The MEDIASTATION VM053 product is classified as waste electrical/electronic equipment.
Comply with applicable regulations when disposing of the device.
The product must not be dumped or disposed of with unsorted domestic waste.

8 APPROVAL

