

TOP VEHICLE TECH.

KWBMW9 BMW 3 SERIES (E90/91/92/93) 2005-2012 INSTALLATION MANUAL

V1.0421



This dash image is a visual representation for display purposes only.

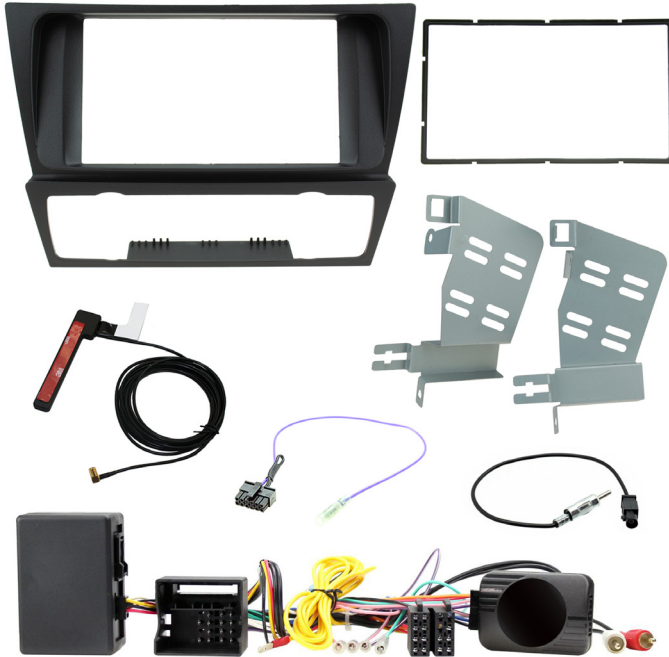
The information provided in this document is subject to change without notice due to changes and/or improvements to the product/s.

www.topvehicletech.com

ABOUT THIS PRODUCT

The **KWBMW9** installation kit allows for the retention of the vehicle's steering wheel controls and maintains the original aesthetic of the interior when installing a new car stereo. The **KWBMW9** gives you everything you need for a complete install in one box. The components of this kit are compatible for the BMW 3 Series (E90/91/92/93) (2005-2012) with MOST amplified BMW Business Professional stereos. The wiring harness and interface will retain the steering wheel controls and factory phone buttons (if applicable). Supplied with a Quadlock connector.

NB: this installation kit is for vehicles without navigation or iDrive as standard. Vehicles must have automatic A/C panel. This kit does not support the retention/relocation of the heated seats/parking sensors buttons.



CONTENTS

- 1x Fascia plate (with accessories)
- 1x Instruction manual
- 1x Steering wheel control harness and interface
- 1x Antenna adapter
- 1x DAB antenna adapter
- 1x Stereo patch lead

CUSTOMER SUPPORT

Installations should be carried out by, or under the guidance of an experienced installer. If you do encounter any problems during the installation of this product, then please contact our dedicated customer service team at:

Phone: **01420 470 605** E-Mail: help@topvehicletech.com

FITTING GUIDE

STEREO REMOVAL

1. Using a bojo tool on either side, remove the climate control panel and disconnect any/all wiring from behind.
2. With the climate control panel removed, this will reveal 2x screws that will need to be undone to free the main radio. Once free, pull out of the dashboard and disconnect all the wiring.
3. With the radio removed, you will then need to remove the 4x screws and 2x bolts that hold the plastic cage into place. Once these screws and bolts are undone, remove the cage completely.

DAB ANTENNA INSTALLATION

1. Open the passenger side door and proceed to pull away the door trim from the pillar.
2. Using a set of panel removal tools, begin to pry away the pillar casing.
3. The glovebox will need to be dropped down to route the antennas wiring. To do this you will need to remove the clip holding the hydraulic arm in place. Then all that is needed is to let the glovebox fall open.
4. The DAB antenna not only has a self adhesive backing, but also features a black earth sheet. When placing the DAB antenna, the earth sheet **MUST** be placed onto the metal part of the pillar. The antenna itself must be located roughly 15cm from the top of the windscreen.

Note: this antenna must not be placed atop any kind of heating elements, this will interfere with the antenna's signal.

5. Once happy with the placement, take the 3m of wiring extension and feed it down through to the stereo's opening. With the wiring adjusted to the appropriate length, feel free to re-install the glovebox.

FASCIA PLATE SET-UP

1. Take the OEM air con panel and begin to unclip the automatic air con unit, this can go directly into the new fascia.
2. Attach the brackets to the new stereo using the screws within the kit. With the brackets attached, offer the whole unit to the back of the fascia and test fit within the vehicle to gauge the correct depth.
3. When happy with the alignment, and the "***Stereo Installation***" process is complete, screw the stereo into the dashboard using the pre-existing screws. Then simply install the fascia on top.

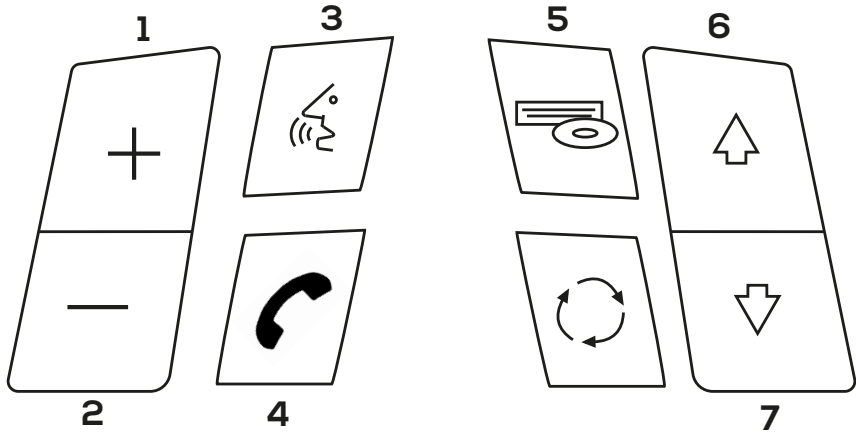
FITTING GUIDE

STEREO INSTALLATION

1. Take the steering wheel control interface in hand and connect both the 12-way stereo patch lead and the 14-way steering wheel harness connectors to the corresponding sides.
2. Connect the bullet connector from the stereo patch lead to the 'steering wheel remote input' on the back of the new stereo.
3. Attach the 8-pin connector from steering wheel harness to the amp retention interface.
4. Take the amp retention interface and remove the dust cover. Once out of the way, take the vehicles fibre amp connection and plug this into the available port.
5. Connect the yellow 12V permanent wire to a source of 12 volt i.e. the fuse board or direct to battery.
6. Connect the red/white RCA connections to the back of the new stereo.
7. Connect the DAB antenna's SMB connector to the back of the new stereo.
8. Attach the antenna adapter to the vehicles pre-existing connection and the back of new stereo.
9. Attach the additional wiring on the harness to the back of the stereo:
Pink - Speed Pulse **Pink/Black** - Mute **Purple** - Reverse Gear **Green** - Park Brake
10. When all the above wires (and any additional accessories) have been connected, finally make the connections between the stereo and the vehicles pre-existing power/stalk connectors.

STEERING WHEEL CONTROL FUNCTIONALITY

Please note: configuration layout may differ dependent on vehicle model.



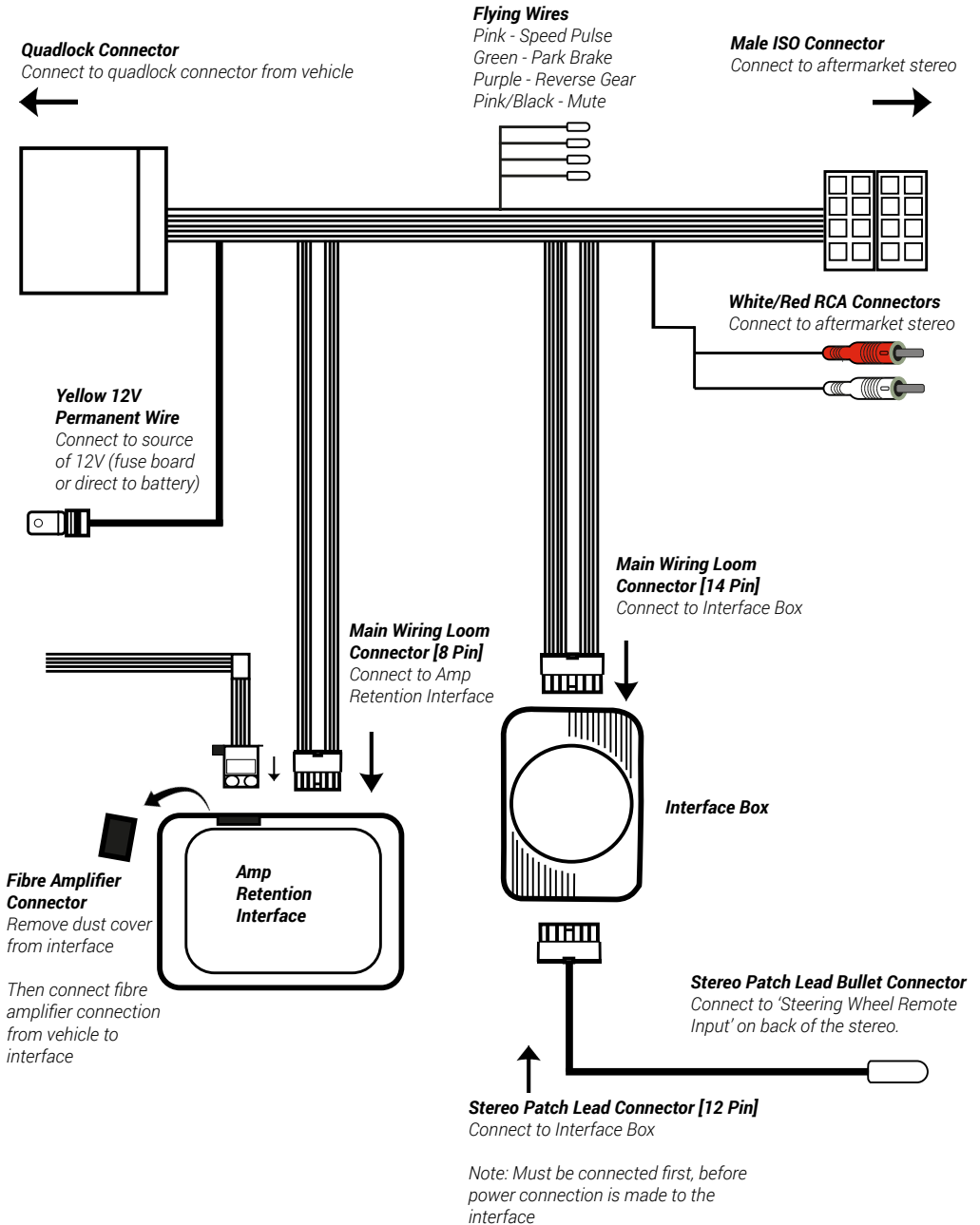
Original Button

1. Volume +
2. Volume -
3. Speech
4. Pick Up
5. Source
6. Track +
7. Track -

New Function

1. Volume +
2. Volume -
3. Mute
4. Pick Up (Short Press) Hang Up (Long Press)
5. Source
6. Track +
7. Track -

WIRING DIAGRAM





TECHNICAL ASSISTANCE

If at any point you experience any problems and need any assistance before, during or after the installation process, please contact us via :

Phone: **01420 470 605**

E-Mail: **help@topvehicletech.com**

Mon - Fri 9am - 5.30pm GMT

If you would like to download a digital copy of this manual, or any other product, then please visit the **www.topvehicletech.com** website.

This manual is considered correct at the time of printing but is subject to change. For the latest manuals & updates, refer to our website.

Copyright 2021 by TopVehicleTech.

All rights reserved. No part of this publication may be reproduced, distributed or transmitted in any form or by any means, including photocopying, recording, copying or other electronic or mechanical methods, without the prior written permission of the author.