



## **AA-509 Color kit replacement guide**

AA-502 / AA-504 / AA-505 / AA-506 / AA-540 / AA-542 / AA-545 / AA-546 / AA-500x



## TECHNICAL MANUAL – INSTALLATION

### **Recommendations**

1. Use only original spare parts and consumables supplied by Tema Telecomunicazioni Srl for this equipment. The company shall not be held responsible for any damage caused by the use of materials that they have not supplied.
2. The device has been carefully manufactured and tested. In any case, the product is not recommended for use in situations in which incorrect operating may result in damage to persons and/or property.
3. We recommend that you carefully read all this manual before starting to use the device.
4. Do not expose the device to sunlight and protect it from sources of heat, dust, humidity and chemical agents.
5. This manual is the property of Tema Telecomunicazioni Srl and any duplication and reproduction, even partial, as well as storage on any type of media is forbidden without written permission from Tema Telecomunicazioni Srl.

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## DESCRIPTION

The Doorphones AA-502, AA-504, AA-505, AA-506, AA-540, AA-542, AA-545, AA-546 (and the various AA-506x expansions) are supplied with ABS inserts, typically black in color. The inserts mounted on the system are four. Two are mounted on the top side, one on the front panel of the system and one on the rear panel. The other two are mounted in the same way in the lower part of the system. TEMA makes available kits to replace these inserts for maximum customization of the systems, these kits are called AA-509 and come in various colors. If you have already purchased the system or however you want to change the inserts color to any unit, then you will need to buy separately or together with the new system one of these kits for customization, the desired color among those TEMA propose. The elements that can be mounted on the front panel are two. In the bottom is always mounted the particular with cutting shape angle of 45°. On the top of the aluminum front panel, it is possible to choose between two different shapes. An "extruded" top cover (almost to realize, once assembled, a mini-rain-shield protection) or the same as bottom the shape angle of 45°. All the inserts that can be applied to the aluminum front are screwed from the inside of the system while those on the rear shell are simply fitted in. Following describes how to replace these colored inserts to customize your system.

## HOW TO PERSONALIZE YOUR UNIT

### Opening the system to be customized

Take the system to which you want to replace the inserts and place it on a table.

Open it using the supplied key operating on the two special front screws.

Separate the front of the system from the rear shell. Refer to image 1 and 2 on the previous page.

Take the bag of kit with the new inserts that must be applied to the system (image 3).

### Front panel with the card, the bottom

With a Phillips screwdriver of the appropriate size unscrew the two screws in the inner of the front (one right and one left) securing the colored insert to remove (images 4, 5, 6).

Removed the screws, remove the insert from the front by sliding it outward.

Reapply the same type of insert of the desired color taken from the new kit color.

Insert into the guides of the front panel the plastic tips of the detail that you are mounting in place, secure it to the front using the previously removed screws (pictures 7, 8).

Fully tighten the screw without applying excessive force when the screw is tightened (the new plastic will remain in place anyway). Images 5, 6, 7, 8 and 9 shows for better explain the back of the panel without the PCB card mounted. However it is not necessary to remove the PCB from the panel, which absolutely must never be removed.

### Front panel with the card, the top

Unscrew the two screws and remove the top plastic from the front on the upper side of the panel. Replace as it was done for the bottom of the panel with the new you choosed (image 12). Reapply the same type of insert of the desired color taken from the new kit color, or mount the other type, the extruded one (images 10, 11, 12).

### Metal panel back

Take now the rear metal panel, the back of the system and set it on the table so that it remains visible the back of the system and not its inner side.

You will see several holes in the bottom of the metal panel. Four larger and oval are for the fixing screws and are empty.

Others four smaller rectangular holes have a kind of tooth hooked to graft into the space of the slot itself.

Considering now only the upper side or the lower one, holes to be considered are two. Acting with a tool (e.g. a screwdriver) and gently pushing from the outside towards the inside of the panel, the first one and then the other tooth fasteners for unhooking them, meanwhile making force to slide the particular plastic to the outside of the aluminum panel, outside its seat (images 13, 14, 15, 16).

### Back, upper side

Take from the kit the right plastic particular to insert. For the upper side of the system is the one with the flat top surface (the one without two arc fingerprints imprinted, image 17).

Slide it in the seats on the sides of the panel and push it firmly until his teeth will lock into the holes on the panel and the insert is properly positioned in its seat.

*Back, bottom side*

For the lower side of the rear panel, mount in the same way the remaining plastic particular that has the two imprinted fingerprint arc and the small hole for the microphone (image 18).

*Closing the unit once customized*

Carefully replace the front panel with the card making it fit on the bottom metal and reintroduce and tighten the two special screws on the front to close the system.

Evaluate if you want to apply the back side adhesive seal (image 19) supplied with each color kit on to the back of the system now or otherwise you prefer to place that adhesive seal only before to fix the system to the wall.

