











Article numbers:

- 11490: doprimo 3 radio net
- 11420: doprimo 3 radio net OMS compact

The doprimo 3 radio net – OMS compact (11420) is downwards compatible with all preceding versions of doprimo 3.



Article numbers:

- 11499: doprimo 3 radio net FF
- 11429: doprimo 3 radio net OMS remote

The doprimo 3 radio net – OMS remote (11429) is downwards compatible with all preceding versions of doprimo 3.









Safety instructions Lithium metal batteries

WARNING



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Installation Accessories		
 Bolts, screws, nuts Panels Widening parts Installation kits Assembly components Seals Miscellaneous (e.g. adhesive) 		123 456 780 00000
Installation methods and accessories	17	April 2022 • ista International GmbH • doprimo 3 radio net (- OMS)

Compact and remote sensor device use the same seal.





- Identify the radiator with the aid of the installation manual or the radiator database in the PDA.
- Document the data in the PDA.
- Use the assembly gauge or a tape measure to determine the installation point.



- Grind off the radiator paint at the point of installation using a grinder (10 mm x 35 mm).
- Use the stud welder to weld the retaining studs on the radiator.
 Important! Follow the safety instructions for the welding apparatus!
- Use HKV (heating circuit manifold) screwdriver HKVE/HKVV (hollow) to screw the mounting part on the studs.



Preassemble the mounting part and the two clamping bolts: To do so, insert screws through the holes in the mounting part and screw the clamping bolts onto the screws.

Position the preassembled mounting part on the radiator. To do so: Place both clamping bolts in a vertical position and push between the radiator fins at the installation point. Place clamping bolts in a horizontal position.

Use a Phillips screwdriver to tighten the screws, to fix the mounting part with the two clamping bolts.

Installation (Steps / with / on Installatio	4 to 5) n Kit	
4. Install the installation kit		
	not illustrated	
5. Screw on mounting part (back section)		
Continue with step 7.		
Compact device	22 April 2027	2 • ista International GmbH • doprimo 3 radio net (- OMS)

- Fit the respective installation kit according to the installation methods and special instructions.
- Use a Phillips screwdriver to screw the mounting part on the installation kit.



- Place upper part (front section) on the mounting part.
- Fasten the upper part by pushing it onto the mounting part.
- Check the correct fit of the upper part. To do so: Move upper part back and forth.



Seal the device by allowing the pre-installed seal to latch into position on the mounting part. It must latch into position with an audible click.





- Identify the radiator with the help of the installation manual or the radiator database in the tablet.
- Document the data in the tablet/ on the installation card.
- Use the assembly gauge or a tape measure to determine the installation point.
- Remove the housing from the top section.
- Unwind the remote sensor cable from the wall-mounted device.



 Use HKV (heating circuit manifold) screwdriver HKVE/HKVV (hollow) to screw the remote sensor onto the two studs.



- Grind off the radiator paint at the point of installation using a grinder (10 mm x 35 mm).
- Roughen the remote sensor with the aid of emery paper.
- Apply adhesive on the mounting part of the remote sensor and on the radiator.
- Bond the remote sensor.

Note: Bonded installation is only permitted in particular cases following prior approval by the branch office! Exception: In the case of cast iron finned radiators, bonded installation is officially approved (installation method 8D).



- Fit the respective installation kit according to the installation methods and special instructions.
- Screw the remote sensor onto the installation kit.



Seal the remote sensor. To do so: Firmly push in seal until it engages the second time.

Note: For bonded installation, the remote sensor must be secured against manipulation by the *ista* user protection (tamper-proof adhesive seal)!

- Determine the installation point for the wall-mounted device (next to the radiator at half the room height).
- Screw the mounting part of the wall-mounted device onto the wall. Important! Before doing so, check the wall for existing cables!



- Place the upper part on the mounting part of the wall-mounted device.
- Lay the remote sensor cable in the cable duct between remote sensor and wallmounted device.
- Wind up excessive cable and stow it away in the cable box on the wall-mounted device.
- Cable duct 20m for cutting to required length is available as article 10636



- Seal the wall-mounted device by allowing the pre-installed seal to latch onto the mounting part. It must latch into position with an audible click.
- Fit the housing onto the wall-mounted device.





If the device has not yet been installed, the illustrated display appears when the device button is pressed

Commissioning				
Compact device				
	Device installed Storage mode Installation beacon 1/s for 255 s	Press button		
Commissioning and User Interface	3	35	April 2022 • ista International GmbH • doprimo 3 radio net (- OM	5)

- If the display was activated during installation: Wait until the display does not show anything.
- Press the pushbutton.
 The device is now in installation mode for 4 minutes.



- If the display was activated during installation: Wait until the display does not show anything.
- Press the button until "STOP" appears.
- Release the button
- As soon as "PUSH" appears in the display, press the button again.
- The device is now in installation mode for 4 minutes.













Is only displayed if start date mode is parameterised via the job



It is also possible to activate the readout beacon if the device is in a sensor net network.



The number of activations for transmitting devices is limited to 10 per day.

Communication with the device is also enabled in the sensor net.





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Document the data of the old device on the tablet.



- Fit the new upper part and seal it.
- Document the data of the new device on the tablet.
- Record the radiator data on the tablet or on the installation card (exception: complaint).



- Document the data of the old device on the tablet
- Remove the housing of the wall-mounted device if necessary for an old device.
- Destroy the seal using a screwdriver.



- Detach the old upper part from the mounting part.
- Detach the wall-mounted device.
- Disconnect the remote sensor cable (from the wall-mounted device to the radiator).



- Remove the seal of the remote sensor using a screwdriver.
- Unscrew the nut M3 and detach the remote sensor.



- Detach the old remote sensor by levering it off the radiator with the aid of a screwdriver.
- Clean the adhesive area on the radiator with the aid of emery paper.
- Roughen the remote sensor with the aid of emery paper.



- Fit the new remote sensor and seal it.
- Fit the new wall-mounted device and seal it.
- Document the data of the new device in the PDA / on the installation card.
- Record the radiator data in the PDA or on the installation card (exception: complaint).





Instructions regarding the walk-by read-out:

- Read out the devices by walk-by with the ista service tools, e.g. from the staircase.
- Check that all devices have been recorded in the ista service tools.
- A walk by read out is also possible if the device is in a network or is asleep. However, this requires manual activation of the device with a long press of the button.





- Check the device's serial number.
- Trigger the display loop by pressing the pushbutton.
- Use the ista service tools to document the display data.



