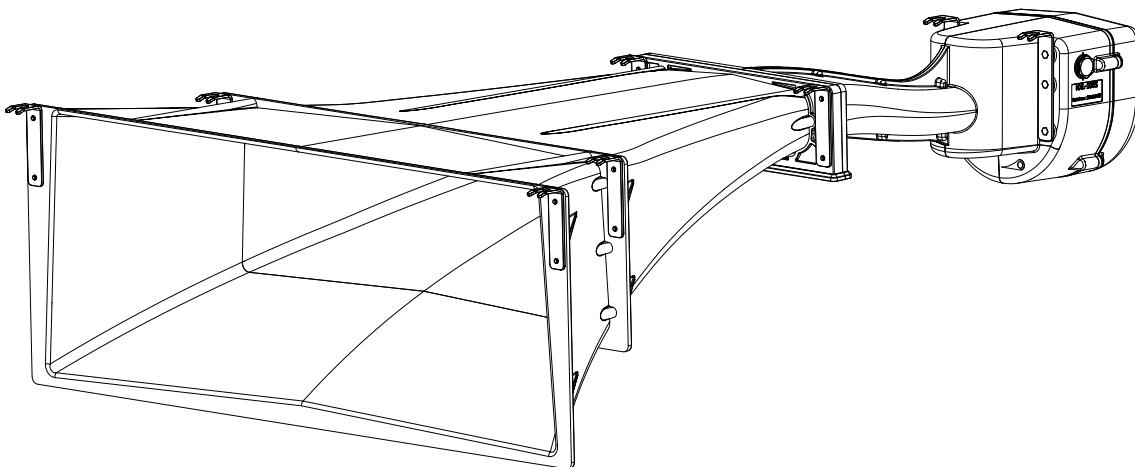


MANUAL

Product	NXL-100S NXL-100S-RH	Part numbers	0200201, 0200202, 0200203, 0200204, 0200205 and 0200206
Document version	1.0	Document status	Release
Notes	Full Height and Reduced Height (RH) product variants 0200201 = Standard with cable gland on left side (front view) 0200202 = RH variant as 0200201 0200203 = Optional Hirschmann CA 3 GD* on left side (front view) 0200204 = RH variant as 0200203 0200205 = Optional Hirschmann CA 3 GD on right side (front view) 0200206 = RH variant as 0200205		

FASTENER TORQUE VALUES

This document describes the recommended torque values for the fasteners of the NXL-100S and NXL-100S-RH advanced tunnel horn loudspeaker.

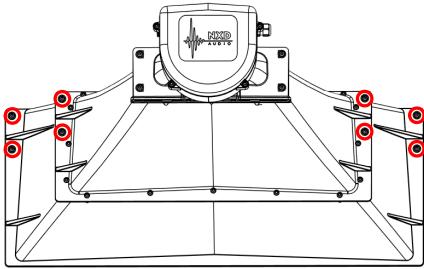
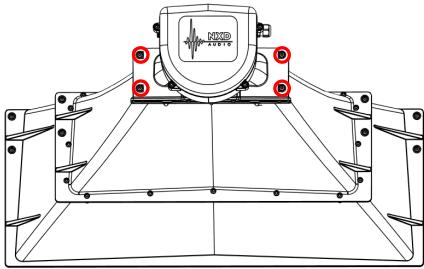
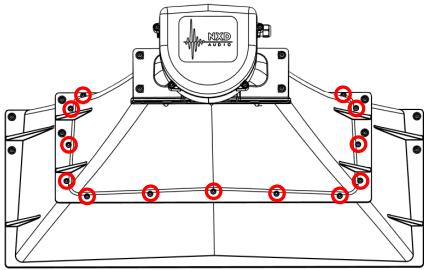


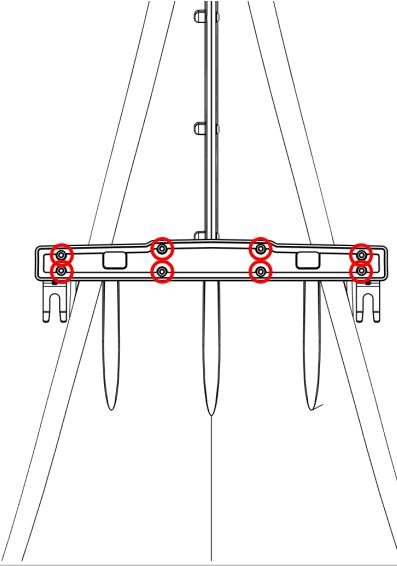
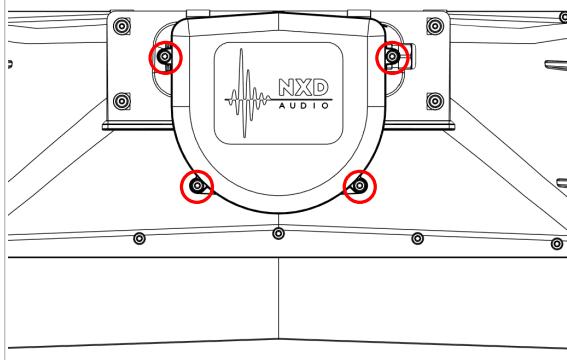
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* Product names such as Hirschmann CA 3 GD mentioned in this document are the property of their respective owners. The use of these names is solely for identification and reference purposes. NXD-Audio BV does not claim any ownership of the trademarked names mentioned.

EXTERNAL FASTENERS

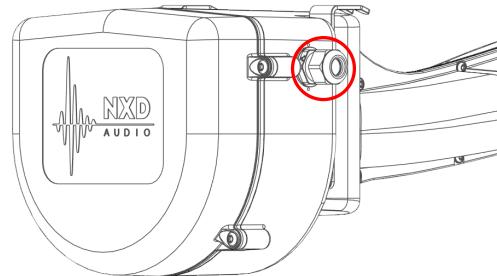
1.	<p>M5 x 12 T25 A4 ISO 7380 torx bolt + washer.</p> <p>Fasteners to mount the brackets that are located at the front.</p> <p>Torque 4 Nm.</p>	
2.	<p>M5 x 30 T25 A4 ISO 7380 torx bolt + washer.</p> <p>Fasteners to mount the brackets that are located in the middle.</p> <p>Torque 4 Nm.</p>	
3.	<p>M5 x 25 T25 A4 flange head torx screw.</p> <p>Screws to mount the front section to the mid section (NXL-100S only).</p> <p>Keep the speed below 500 rpm.</p> <p>Torque 4 Nm.</p>	

	<p>4. M4 x 25 T20 A4 flange head torx screw. Screws to mount the filter cover. Keep the speed below 500 rpm. Torque 2 Nm.</p>	
	<p>5. M5 x 25 T25 A4 flange head torx screw. Screws to mount the rear cover. Keep the speed below 500 rpm. Torque 3 Nm (initial mounting at factory is at 4 Nm).</p>	

WIRING

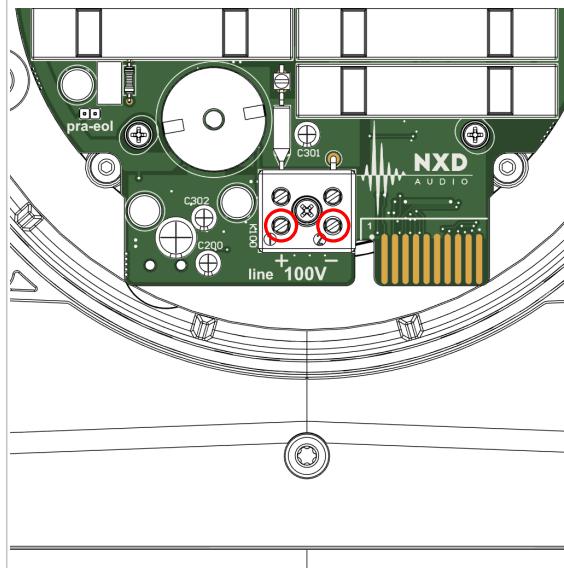
1. Gland tightening M24 nut.

Torque 4.5 Nm.



2. Terminal block slotted head screws.

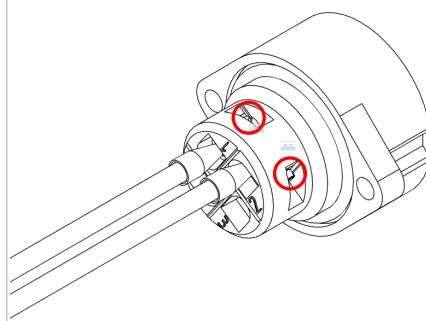
Torque 0.5 Nm.

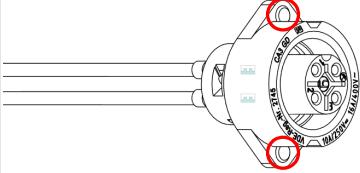


3. Hirschmann CA 3 GD wires.

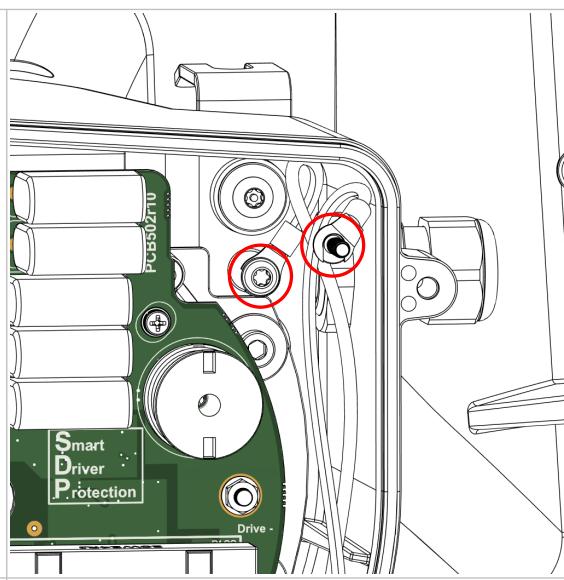
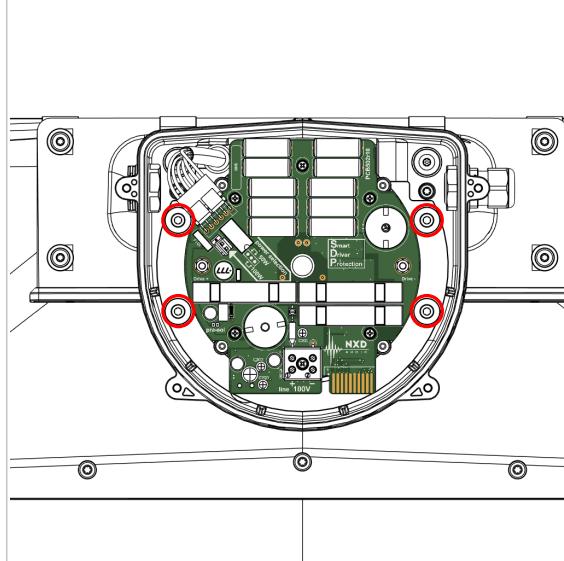
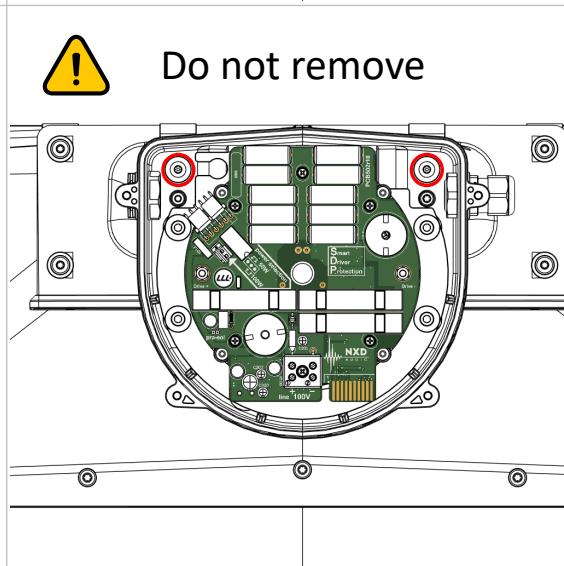
Only for product variants with Hirschmann CA 3 GD connector.

Torque 0.3..0.35 Nm.



4.	<p>M3 x 14 A2 cross recessed raised cheese head screw ISO 7045 (H) + washer + nut.</p> <p>Hirschmann CA 3 GD connector mounting.</p> <p>Only for product variants with Hirschmann CA 3 GD connector.</p> <p>Torque 0.7 Nm.</p>	
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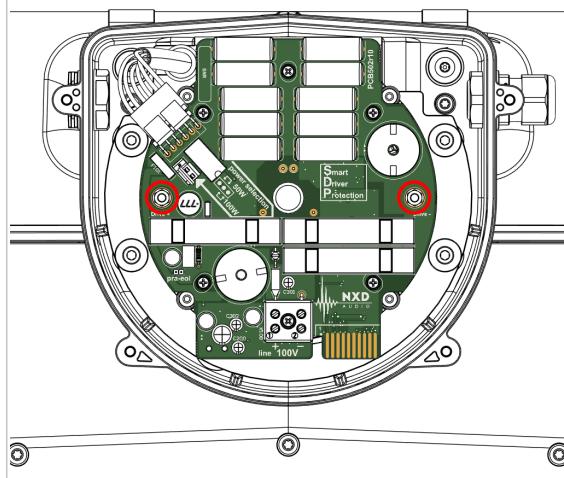
INTERNAL FASTENERS

1.	<p>M4 x 15 T20 A4 flange head torx screw.</p> <p>Screws to mount the retention strap for the rear cover (both sides).</p> <p>Keep the speed below 500 rpm.</p> <p>Torque 1.4 Nm.</p>	
2.	<p>M5 x 10 A2 DIN 912 hex socket head cap screw + washer.</p> <p>Fasteners to mount the driver/electronics subframe to the rear brackets and to the enclosure.</p> <p>Torque 4 Nm.</p>	
3.	<p>M5 x 10 T25 A2 torx button head screw with security pin + washer.</p> <p>Fasteners to mount the rear brackets to the enclosure.</p> <p>These fasteners should not be removed normally.</p> <p>Torque 4 Nm.</p>	<p>Do not remove</p> 

4. M4 DIN 934 brass nickel plated nut + washers.

Fasteners for the compression driver terminals.

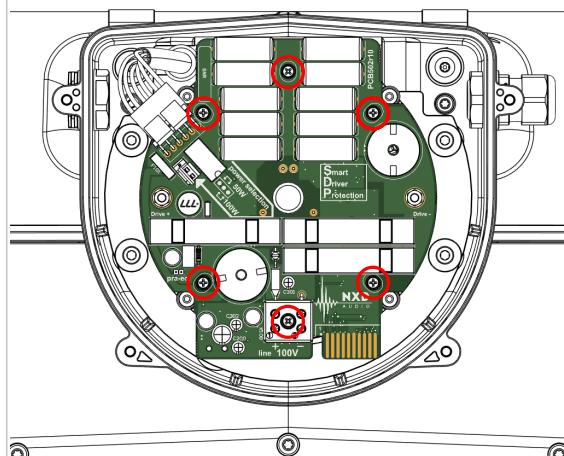
Torque 0.9 Nm.



5. M3 x 8 and M3 x 20 A2 crossed pan head screw + washers.

Fasteners for the PCB.

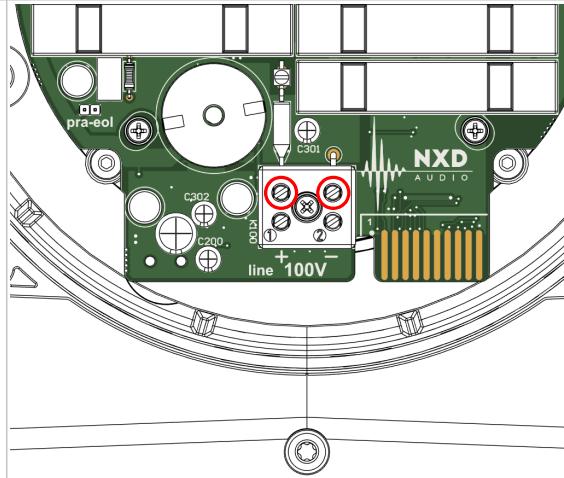
Torque 0.6 Nm.

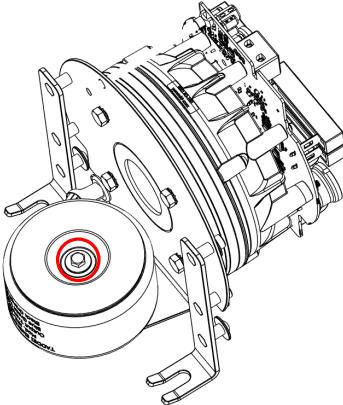
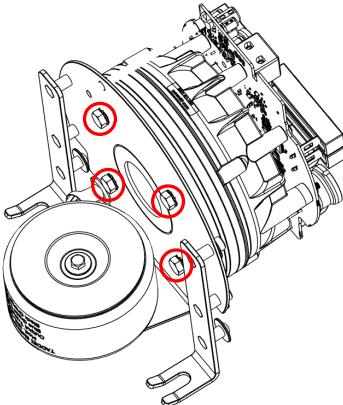


6. Terminal block slotted head screws.

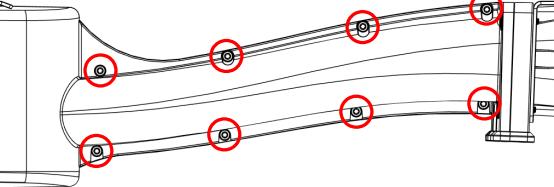
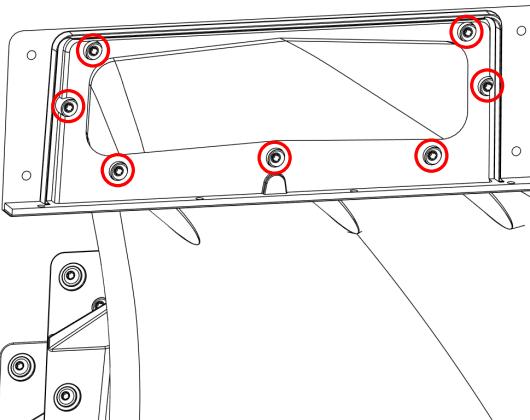
To connect the terminal block to the PCB component lead wires.

Torque 0.4 Nm.



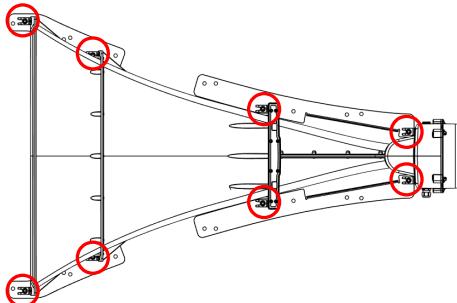
7.	<p>M5 x 35 A2 DIN 931 hex head bolt + washer.</p> <p>Fasteners to mount the transformer to the subframe bracket.</p> <p>Torque 3 Nm.</p>	
8.	<p>M6 x 10 A2 DIN 933 hex head bolt + washer.</p> <p>Fasteners to mount the compression driver to the subframe bracket.</p> <p>Torque 4 Nm.</p>	

NOT SERVICEABLE

1.	<p>M4 x 15 T20 A4 flange head torx screw.</p> <p>Screws for rear shell parts.</p> <p>Parts are glued and not serviceable.</p> <p>Keep the speed below 500 rpm.</p> <p>Torque 1.4 Nm.</p>	<p> Not serviceable</p> 
2.	<p>M5 x 25 T25 A4 flange head torx screw.</p> <p>Screws to mount the filter baffle to the mid section.</p> <p>Parts are glued and not serviceable.</p> <p>Keep the speed below 500 rpm.</p> <p>Torque 4 Nm.</p>	

ACCESSORIES

1. M8 x 25 A4 cross recessed countersunk head screw DIN 965 (H) + washers + nut.
Fasteners to mount the *NXL-100S ABF compatible mounting plates set* to the mounting brackets.
Same torque value applies to the *NXL-100S-RH ABF compatible mounting plates set*.
Torque **20 Nm**.



DOCUMENT REVISION

1.0	27-01-2026	Start version.
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