

Assembly instructions

Protective films (accessories)

for touch/display devices of the "notion.ABC" series

Protective film

Article no:	Designation	Series
778-90211	notion 10,1	notion.F
778-90210	notion 10,1	notion.C / notion.H
778-90209	notion 15.6	notion.D
778-90208	notion 18.5	notion.A / notion.D
778-90073	notion 21.5	notion.D
778-90237	notion 24	notion.D

Anti-reflective protective film

Article no:	Designation	Series
778-90238	notion 10,1	notion.F
778-90239	notion 10,1	notion.C / notion.H
778-90240	notion 15.6	notion.D
778-90241	notion 18.5	notion.A / notion.D
778-90242	notion 21.5	notion.D
778-90243	notion 24	notion.D

Original manual: ENG
Device type: Accessories
Document no.: TRS-DOC-00442
Version: 00
For series: notion.ABC

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WEEE-Reg.-No. DE 11414956

LUCID-Reg.-No. DE 1787575820698

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1. About these instructions

This translation was done with the help of a machine translation program.

1.1. Copyright and disclaimer

This manual, including the illustrations it contains, is protected by copyright. Third-party applications of this manual that deviate from the copyright regulations are prohibited. Reproduction, translation, electronic and photographic archiving and modification require the written permission of the manufacturer. Infringements will result in compensation for damages.

1.2. Release

Aim of the instruction		Quality improvement in line with the company's guiding principles	
Author	Creation date	Stefan Schmitt	01.10.2024
Release by	Release on	Stefan Schmitt	01.10.2024
Document number		TRS-DOC-000442	

1.3. Change index

This page of the document shows the current version status with the corresponding date and author. Drawings that may be in the appendix are provided with their own revision index.

Version	Amendment	Reason for the change	Date	Author
00	Created	Reason	01.10.2024	SCS

1.4. Fundamentals

Read these instructions carefully before use and keep them in a safe place.
Pass the instructions on to the user after installation and with the product in the event of resale.

1.4.1 Target group

These instructions are intended for persons who commission, configure, operate and maintain a product.

1.4.2 Explanation of terms

Terms are listed in the table (Table 1) and briefly explained to help you get started. Some terms are described in detail in the "System overview" chapter.

Term	Explanation
Users	Users are persons who are created in the system.

Table 1 Explanation of terms

2. Safety instructions

The basic safety instructions precede the instructions. The chapter "Safety instructions" warns of basic dangers that can occur in several phases of product use and must always be observed by the product user.

2.1. Classification of the notes

These operating instructions contain information that you must observe for your personal safety and to prevent damage to property. A distinction is made between basic safety instructions and warnings.

2.2. Warnings

Warnings are placed within the documents at the specific danger points. They are placed immediately before the action that poses a danger. The warnings are highlighted by a warning triangle and are displayed as follows depending on the degree of danger:






Warning signs	Meaning
	DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
	WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
	CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
	ATTENTION indicates a situation that can lead to material damage if it is not avoided.
	NOTE indicates general information.

Table 2.1 Type of safety instruction

3. Assembly instructions

⚠ WARNING

Damage due to electrical voltage.
Damage to the display electronics can occur if it is installed or removed during operation.

- ▶ Switch off the device before mounting or dismounting.

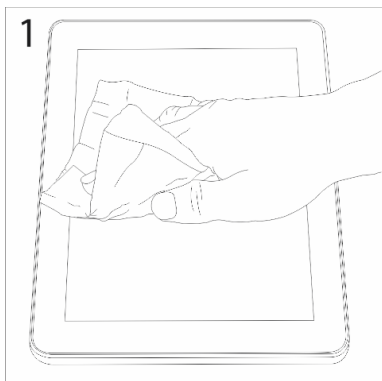


ESD protective measures according to DIN EN 61340-5-1 must be observed.

NOTE

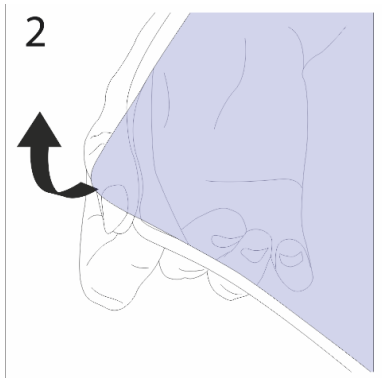
Please observe the following instructions

- ▶ Clean the front glass of the touch/display unit. The front glass must be free of dust and grease.
- ▶ The film may only be installed dry.
- ▶ Ensure a dust-free environment during installation.
- ▶ Use a plastic squeegee to smooth out air bubbles.



Picture 1:

Clean the front glass of the touch/display unit



Picture 2:

Carefully remove the protective film from the transport or carrier film

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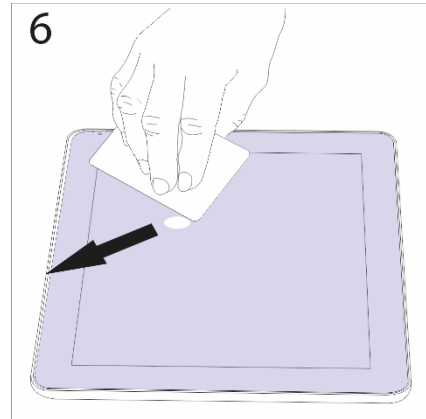
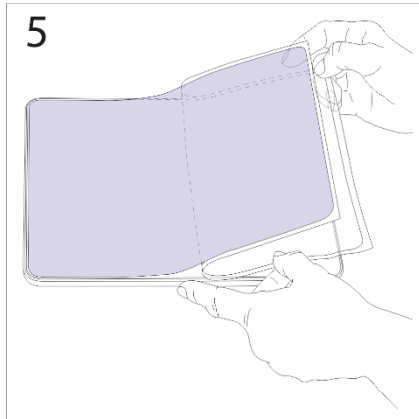
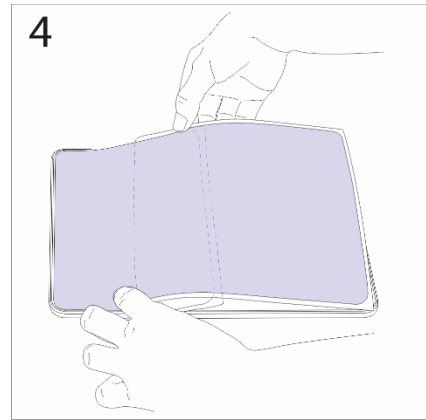
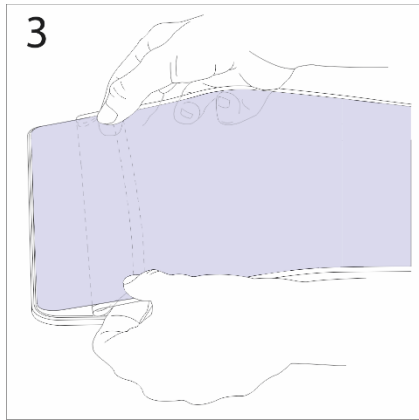
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Fig. 3 to 6:

Carefully apply the protective film to the front glass of the touch/display unit.



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4. Technical data



Fig. similar

Advantages

- Very flexible and bendable surface protection system
- Glass-hard surface
- Adheres perfectly to all smooth surfaces
- Leaves no residue
- Safe against flying sparks (angle grinder)

Material property	CHG Hybrid glass transparent	MHG anti-reflective hybrid glass
Material type	Hybrid laminated system made of special glass and plastic film	Hybrid laminated system made of special glass and plastic film
Material surface hardness	9H, according to ISO 15184	9H, according to ISO 15184
Material color	Highly transparent	Anti-reflective coating, matt
Transmission of light	94 % ± 3 %, according to ASTM D 1003	94 % ± 3 %, according to ASTM D 1003
Turbidity	<2 %, according to ASTM D 1003	4 %, according to ASTM D 1003
Adhesive force (adhesion to surfaces)	0.02 Ncm ⁻¹ ± 0.0078 Ncm ⁻¹	0.02 Ncm ⁻¹ ± 0.0078 Ncm ⁻¹
Thickness of the hybrid glass + hard coating	216 ± 10 µm	216 ± 10 µm
Thickness of the silicone adhesive layer	50 ± 2 µm	50 ± 2 µm
Thick PET carrier film	50 ± 2 µm	50 ± 2 µm
Thermal resistance	50 ± 2 µm	50 ± 2 µm
Very good chemical resistance	-30 °C to + 140 °C	-30 °C to +140 °C
Resistant to most alcohols (disinfectants), fats and oils	Yes	Yes
Resistant to acids and alkalis	Yes	Yes
Dust and grease repellent (anti-fingerprint)	Yes	Yes
Self-adhesive and removable without residue	Yes	Yes
Simple assembly without tools	Yes	Yes
Very high adhesion to glass, many plastics and bare metals	Yes	Yes
Offers an optimal writing experience on displays	Yes	Yes

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5. Layer structure



Transport protection film

Hybrid glass

Adhesive silicone coating

Carrier film

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