

# KRONOS-HDX Installation Manual

rev.2

## Before You Begin (Important)

- Unplug the KRONOS power cable and make sure the unit is completely powered off.
- It is recommended to use an anti-static (ESD) wrist strap during installation to prevent damage to internal components.
- Installation requires internal disassembly and modification of the unit. Please proceed entirely at your own risk.

## Disclaimer (Please Read Carefully)

- This product is an unofficial third-party accessory. It is not supported or guaranteed by KORG.
- The creator cannot be held responsible for any damage or malfunction resulting from installation, disassembly, or modification.
- Any issues caused by incorrect installation, static electricity, overcurrent, or wiring mistakes are entirely the user's responsibility.

## Required Tools

- Phillips screwdriver
- Needle-nose pliers
- 3 mm drill bit
- 24 mm hole saw
- 1 mm drill bit (recommended for pre-drilling)
- Hot-melt glue (recommended to pre-fix the nuts to the HDMI connector)
- Anti-static wrist strap (recommended)

## Included Items

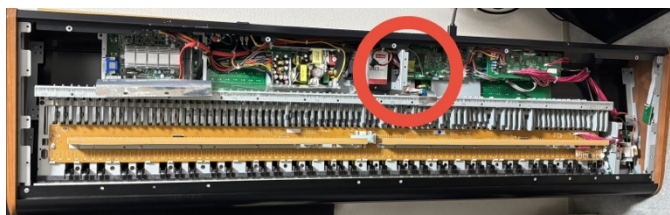
- KRONOS-HDX Board ×1
- Short HDMI Board-to-Connector Cable ×1
- HDMI Connector ×1
- HDMI Connector Drilling Guide ×1
- FFC (Flat Flex Cable) 30-pin ×1 (for KRONOS 1, X, 2) / 40-pin ×1 (for KRONOS 3)
- M3 Binding Screws ×2
- 5 mm Nuts ×4
- 5 mm Male-Female Spacers ×2
- 15 mm Male-Female Spacers ×2

## STEP 1: Remove the Rear Panel



Disconnect the KRONOS power cable and confirm the unit is fully powered off.

Remove all screws on the rear panel and lift the panel off.

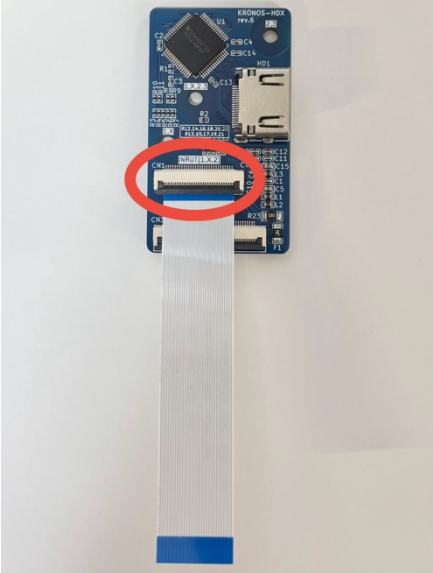
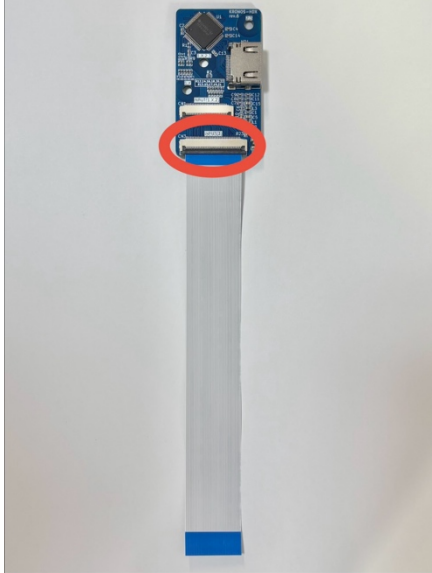


Identify the mounting position for the KRONOS-HDX board.

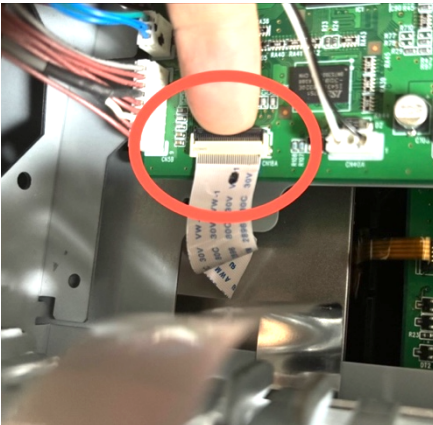
STEP 2: Install the Spacers

KRONOS 1, X	KRONOS 2, 3	Use the designated hole positions depending on your KRONOS model.  Attach the standoffs to the red-marked positions on the metal plate in the image.
KRONOS 1, X	KRONOS 2, 3	Install the 5 mm male-female spacer into the metal plate at the marked red positions.
KRONOS 1, X	KRONOS 2, 3	Install the 15 mm male-female spacer on top, sandwiching the metal plate.  This forms the mounting “pillar” for the KRONOS-HDX board.  ※Do not fully tighten the spacers yet, as some adjustment may be needed later.

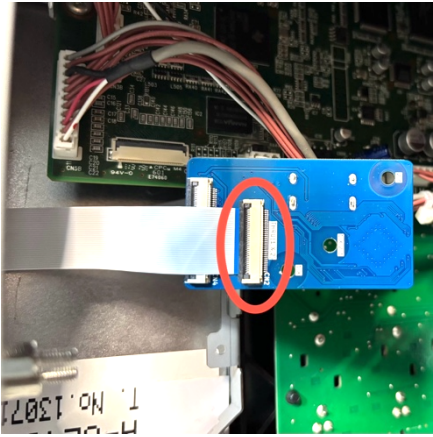
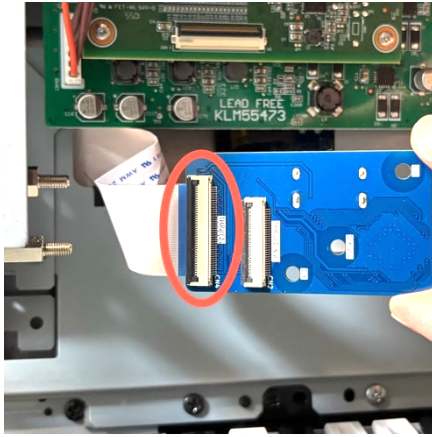
**STEP 3: Connect the FFC to the KRONOS-HDX Board**

<p>KRONOS 1, X, 2</p>  <p>Use connector "INPUT(1, X, 2)" and 30-pin FFC.</p>	<p>KRONOS 3</p>  <p>Use connector "INPUT(3)" and 40-pin FFC.</p>	<p>Use the appropriate connector for your KRONOS model.</p> <p>Lift the black locking tab of the connector labeled "INPUT".</p> <p>Insert the included FFC with the blue reinforcement film facing up (visible).</p> <p>Push the cable straight in, then lower the black lock to secure it.</p>
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**STEP 4: Remove the Original FFC from the KRONOS Mainboard**

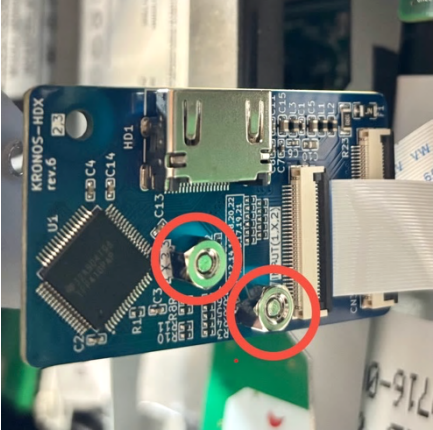
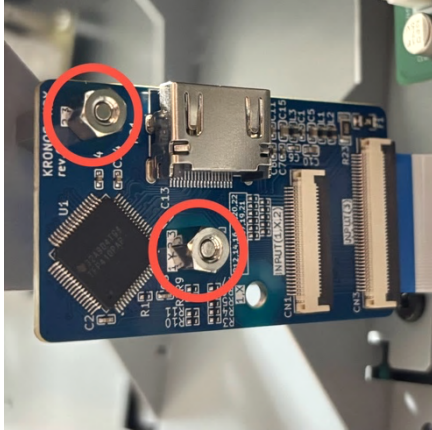
<p>KRONOS 1, X, 2</p>  <p>Use connector "THRU(1, X, 2)".</p>	<p>KRONOS 3</p>  <p>Use connector "THRU(3)".</p>	<p>Lift the black locking tab on the KRONOS mainboard connector.</p> <p>Carefully remove the original FFC.</p>
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**STEP 5: Connect the Original FFC to the KRONOS-HDX Board**


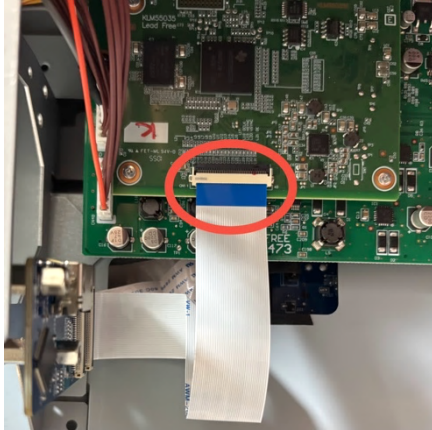
<p>KRONOS 1, X, 2</p>  <p>Use connector "THRU(1, X, 2)".</p>	<p>KRONOS 3</p>  <p>Use connector "THRU(3)".</p>	<p>Use the appropriate connector for your KRONOS model.</p> <p>Lift the black locking tab of the connector labeled "THRU".</p> <p>Insert the original KRONOS cable with the blue reinforcement film facing up (visible).</p> <p>Lower the black lock to secure the connection.</p>
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**STEP 6: Mount the KRONOS-HDX Board**

<p>KRONOS 1, X</p>  <p>Use holes "1, X" and "1, X, 2, 3".</p>	<p>KRONOS 2, 3</p>  <p>Use holes "2, 3" and "1, X, 2, 3".</p>	<p>Place the KRONOS-HDX board onto the spacers installed in STEP 2.</p> <p>Use the appropriate hole positions for your KRONOS model.</p> <p>Tighten the 5mm nut on the spacer to secure the board firmly.</p> <p>Tighten the spacer pillars that support the KRONOS-HDX board at this stage as well.</p>
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**STEP 7: Connect the Second FFC from the KRONOS-HDX Board to the KRONOS**

<p>KRONOS 1, X, 2</p>  <p>Insert the FFC with the blue reinforcement film facing down (not visible).</p>	<p>KRONOS 3</p>  <p>Insert the FFC with the blue reinforcement film facing up (visible).</p>	<p>Insert the FFC from the KRONOS-HDX board into the KRONOS mainboard connector.</p> <p>Lower the black lock to secure the cable.</p>
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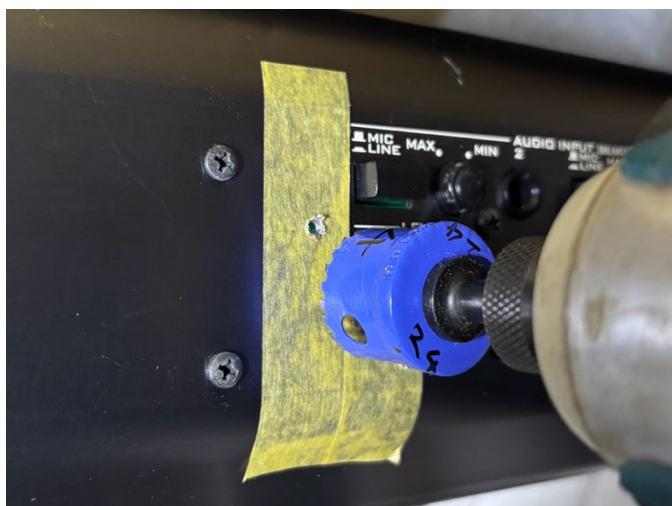
## STEP 8: Drill the Holes for the HDMI Connector



Apply masking tape to the area where holes will be drilled.



Align the included guide and mark the hole positions.



Drill the center hole with a 24 mm hole saw, and drill the other two holes with a 3 mm drill bit.

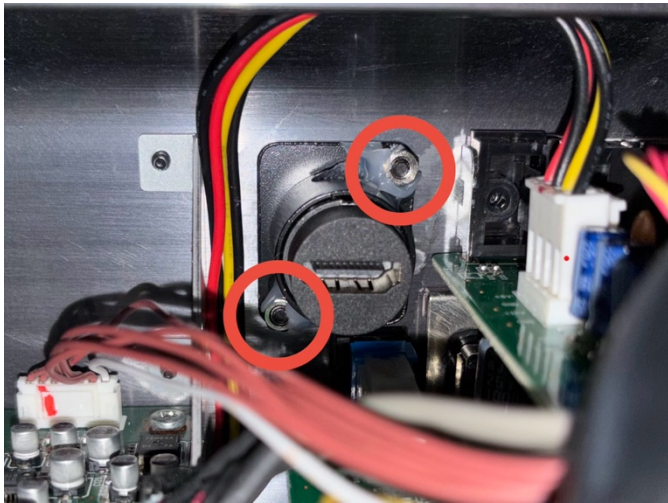
For safety and accuracy, it is recommended to pre-drill each hole with a 1 mm bit.

**Be extremely careful not to damage the mainboards while drilling.**

## STEP 9: Install the HDMI Connector



Insert the HDMI connector and screws through the drilled holes.



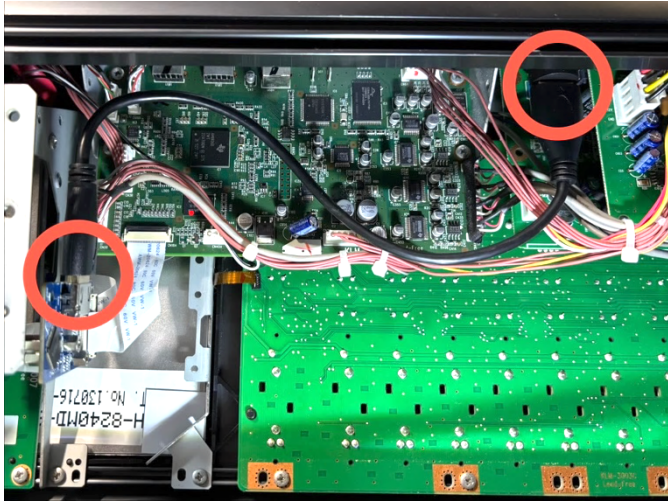
From the rear, secure the connector using the 5 mm nuts.

Hold the nuts with needle-nose pliers while tightening the screws.

For easier installation, it is recommended to pre-glue the nuts to the HDMI connector with hot-melt glue before mounting. This prevents the nuts from shifting during tightening.



## STEP 10: Final Connections and Testing



Connect the included HDMI cable between the KRONOS-HDX board and the HDMI connector.



Close the rear panel.

Connect an HDMI cable to the installed HDMI connector, then connect the other end to your external display.

Power on the KRONOS and verify that the external display mirrors the internal screen.