Microsoft

User Guide
Microsoft Screen Sharing for Lumia Phones (HD-10)

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User Guide

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Safety

Read these simple guidelines. Not following them may be dangerous or illegal.

INTERFERENCE

All wireless devices may be susceptible to interference, which could affect performance.

QUALIFIED SERVICE

Only qualified personnel may install or repair this product.

BATTERIES, CHARGERS, AND OTHER ACCESSORIES

Use only batteries, chargers, and other accessories approved by Microsoft Mobile for use with this device. Do not connect incompatible products.

KEEP YOUR DEVICE DRY

Your device is not water-resistant. Keep it dry.

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About your accessory

With this adapter, you can view the screen of your phone or tablet on your TV or monitor.

Connect the adapter to an HDMI-compatible TV, and you can see the content on your phone or tablet mirrored on the TV screen.

To use the adapter, you need a Lumia device with screen projection or wireless display, or a Wi-Fi CERTIFIED Miracast™ source device.

NFC only works with Lumia phones with Device Hub 3.5 or higher. The latest version is available through Store downloads.

For more info on compatibility, support, software downloads, and troubleshooting, go to **www.microsoft.com/mobile/support/**.

Read this user guide carefully before using the product. Also, read the user guide for the device that you connect to the product.

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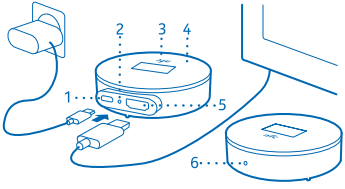
Keys and parts

Get to know your device.

1 Micro-USB charger connector
2 Reset pinhole
3 NFC area
4 Detachable NFC disc
5 HDMI cable connector
6 Indicator light



This product does not include an HDMI cable.

The surface of this product is nickel-free.

Read this user guide carefully before using the product. Also, read the user guide for the device that you connect to the product.

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Connect your adapter to the TV and the power supply

Connect an HDMI cable and plug in the power supply to get started.

1. Connect one end of an HDMI cable to the HDMI port of the adapter, and the other end to the TV.
2. Connect the charger to the adapter, and plug the charger into a wall outlet.
3. Make sure your TV is switched on, and that the correct input mode is selected.

When you see the **Start mirroring** screen with instructions, you're ready to connect the adapter to your phone.

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Connect your adapter with your phone or tablet

To get started on mirroring content from your phone, connect your adapter to your phone using NFC.

1. Make sure you've switched on NFC on your phone.
2. Touch the NFC areas of the 2 devices together.
3. In the project my screen view on your phone, tap **Screen Sharing**.
4. To stop mirroring content, touch the NFC areas together again, and tap **Screen Sharing** again in the project my screen view.

Tip: Detach the NFC disc from the adapter and connect to your phone from a distance. You can also let someone else use the disc to connect their phone instead – just remember to disconnect your phone first.

To connect without using NFC, on the start screen, swipe left, and tap **Settings** > **project my screen**.

Tip: Add project my screen to your quick actions in the action centre.

To connect a tablet, swipe in from the right of the screen, and tap **Devices > Project > Add a wireless display > Screen Sharing**. If asked, on your tablet, type in the PIN code shown on the TV screen.

If your TV doesn’t show the phone screen fully, change the picture size settings on your TV.

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Restore the factory settings

If you want to clear all the previous connections to other devices and restore the factory settings, reset your adapter. You can also try resetting if there's a problem with connecting the adapter to a device.

Make sure your adapter is connected to a TV and a power supply.

1. Wait until the **Start mirroring** screen is visible on the TV screen.
2. With the end of a paperclip or similar tool, press the reset button in the reset pinhole for 5 seconds.

When the **Start mirroring** screen is visible again, you're ready to connect the adapter to a phone.

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Update your adapter software

You need a USB flash drive and a USB Y-cable. The Y-cable must have suitable connectors to connect your adapter to the flash drive and a power supply (a charger or a computer).

1. Connect the USB flash drive to a computer.
2. Go to the adapter's support website, download the HD-10 software update file, and save it in the main folder of the flash drive.
3. Connect your adapter to a TV with an HDMI cable.
4. Connect the USB flash drive and a power supply to your adapter with the Y-cable.

The system checks for software updates, and shows the update screen when updating. Don't unplug any cables during the update.

5. Wait until the **Start mirroring** screen is shown.
6. Disconnect the Y-cable from your adapter, and connect the charger to your adapter in the usual way.

The software update is now complete.

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Product and safety info

Take care of your device

Handle your device, charger and accessories with care. The following suggestions help you keep your device operational.

- Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that corrode electronic circuits. If your device gets wet, let the device dry.
- Do not use or store the device in dusty or dirty areas.
- Do not store the device in high temperatures. High temperatures may damage the device.
- Do not store the device in cold temperatures. When the device warms to its normal temperature, moisture can form inside the device and damage it.
- Do not open the device.
- Unauthorised modifications may damage the device and violate regulations governing radio devices.
- Do not drop, knock, or shake the device or the battery. Rough handling can break it.
- Only use a soft, clean, dry cloth to clean the surface of the device.

Parts of the device are magnetic. Metallic materials may be attracted to the device. Do not place credit cards or other magnetic storage media near the device, because info stored on them may be erased.

Recycle

Always return your used electronic products, batteries, and packaging materials to dedicated collection points. This way you help prevent uncontrolled waste disposal and promote the recycling of materials. All materials of the device can be recovered as materials and energy. Check how to recycle your products at **www.microsoft.com/mobile/recycle**.

Crossed-out wheeled-bin symbol

The crossed-out wheeled-bin symbol on your product, battery, literature, or packaging reminds you that all electrical and electronic products and batteries must be taken to separate collection at the end of their working life. Do not dispose of these products as unsorted municipal waste: take them for recycling. For info on your nearest recycling point, check with your local waste authority, or go to **www.microsoft.com/mobile/support/**. For more info on the environmental attributes of your device, see **www.microsoft.com/mobile/ecoprofile**.

Battery and charger info

Charge your device with AC-20 or AC-60 charger. Charger plug type may vary.

Microsoft Mobile may make additional battery or charger models available for this device.

Implanted medical devices

To avoid potential interference, manufacturers of implanted medical devices recommend a minimum separation of 15.3 centimetres (6 inches) between a wireless device and the medical device. Persons who have such devices should:

- Always keep the wireless device more than 15.3 centimetres (6 inches) from the medical device.
- Switch the wireless device off if there is any reason to suspect that interference is taking place.
- Follow the manufacturer directions for the implanted medical device.

If you have any questions about using your wireless device with an implanted medical device, consult your health care provider.

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Certification information (SAR)

This device model meets guidelines for exposure to radio waves.

Your device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The exposure guidelines employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the ICNIRP guidelines is 2.0 watts/ kilogram (W/kg) averaged over ten grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands.

Copyrights and other notices

DECLARATION OF CONFORMITY

CE0560

Hereby, Microsoft Mobile Oy declares that this HD-10 product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the Declaration of Conformity can be found at **www.microsoft.com/mobile/declaration-of-conformity**.

The availability of products may vary by region. For more info, contact your dealer. This device may contain commodities, technology or software subject to export laws and regulations from the US and other countries. Diversion contrary to law is prohibited.

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FCC/INDUSTRY CANADA NOTICE

This device complies with part 15 of the FCC rules and Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. For more info, go to **transition.fcc.gov/oet/rfsafety/rf-faqs.html**. Any changes or modifications not expressly approved by Microsoft Mobile could void the user's authority to operate this equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

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- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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HDMI and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC.

Wi-Fi CERTIFIED® Logo is a certification mark of the Wi-Fi Alliance.

Wi-Fi CERTIFIED Miracast™ is a trademark of Wi-Fi Alliance.

This product contains open-source software. To view the applicable copyright and other notices, permissions, and acknowledgements, quickly press the reset button in the reset pinhole with the end of a paperclip or similar tool, when the **Start mirroring** screen is visible. To exit, quickly press the reset button again.