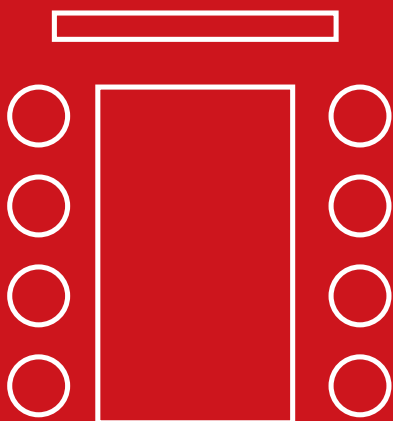


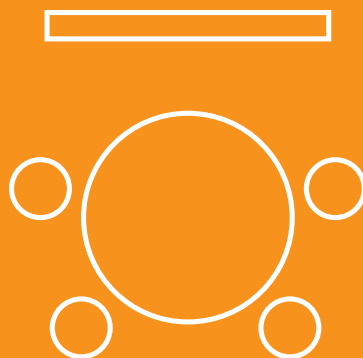


Kindermann **Klick & Show**
Wireless Presentation System for
small to mid-sized meeting rooms,
classrooms and huddle spaces.

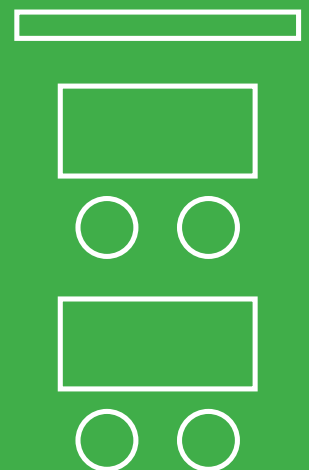
Meeting room



Huddle Space



Classroom



Kindermann **Klick** & Show

Wireless Presentation System for small to mid-sized meeting rooms, classrooms and huddle spaces.

During meetings or presentations people like to concentrate on the real important things – content and ideas. The Kindermann **Klick** & Show presentation system allows users to share content from their laptops or mobile devices in a very simple way – without any configuration, without cables and without delay times.



BYOD Collaboration – simple and secure

Its simple operation makes Kindermann **Klick** & Show the right choice for enterprise-wide deployment in meeting rooms and huddle spaces or in educational facilities or seminar hotels. You can rest assured that your content is secured while being transmitted wirelessly, due to the implementation of security standards.

Kindermann **Klick** & Show is available as a kit, containing the K-10S base unit and two **Klick** & Show TOUCH transmitters. Additional transmitters can be purchased as an option.

The **Klick** & Show K-10S base unit is a powerful cross-platform BYOD („Bring your own Device“) receiver and AV/IT bridge with built-in IEEE 802.11n/ac WiFi function (2,4 + 5 GHz) and integrated RJ45 network interface for processing audio-visual content from different devices and types of media.

The **Klick** & Show TOUCH transmitter is a compact WiFi sender, coming in a sleek design of an easy-to-use touch-sensitive dongle, which is connected to the laptop via USB.

A slight touch of the dongle surface activates the laptop as the active source during a presentation of a single person or group of persons and live content is mirrored to the main display.

The dongle features a dual-color LED indicator and „force-feedback“ vibration to provide feedback about the activity status to the user.

Klick & Show TOUCH is the easy-to-use approach to collaboration.

Touch & Go!

Using Kindermann **Klick** & Show you can collaborate with other meeting participants, including guests, and present audio-visual content, even without any training.

Windows and Mac laptop users simply connect the **Klick** & Show TOUCH Transmitter to a USB port of their device. With a short touch on the sensor button your live laptop content is mirrored to the main display device. Users of Apple or Android mobile devices can download the free app to share their content – or use the built-in Airplay function instead (for iOS devices only).

Wired content, e.g. from a PCs or DVD player, can be presented using the 4K HDMI input port of the **Klick** & Show base unit.

Kindermann **Klick & Show**

Features

PC/MAC compatible

Wireless transmission via the Klick & Show TOUCH transmitter for Microsoft Windows or Apple Mac laptops and PCs to the base unit.

iOS & Android App

Free apps, for wireless content sharing from iOS & Android mobile devices to the base unit.

Airplay

Supports „Airplay“ for wireless content mirroring from iOS devices, without using an app.

Mirror/Extend

Choose between mirroring your primary or secondary laptop/desktop to the main display device.

Low-Latency 1080p

Wireless, smooth transmission with high 1080P resolution and low latency < 130ms.

Fast-Switch

Fast switching between different sources in less than 1s.

USB-HID Touch

Built-in USB-HID function for connecting touch-displays and interactive boards.

PoE-Support

Optional simplified powering of the base unit via Power-over-Ethernet.

Security

AES WPA2PSK authentication protocol for secure signal transmission.

Local Media Playback

Push videos, pictures and music for playback to the Klick & Show base unit while using the Android or iOS app.

File-Exchange

Use your PC or MAC browser for wireless file-transfer of all kinds of media through the base unit, including saving the files on mobile devices and wireless presentation of these formats (among them Word, Excel, PowerPoint, PDF etc.) on the main display.

Remote-View

Allows remote-viewing of the active signal on the participant's mobile device.

Presenter-Lock

Prevents unauthorized activation of the „Remote-View“ function.

Remote-Mouse

Allows mouse cursor control of the current presenter's PC or Mac laptop by using a mobile device in a way a gyroscope mouse is used.

Wireless AP

Built-in WiFi access point to set-up a standalone WiFi network between PC-sources/mobile devices and the base unit, instead of occupying an existing company/campus network. IEEE 802.11n/ac standard for transmission rates up to 1 Gbps. Choose between 5 GHz or 2.4 GHz band to minimize interference with other WiFi networks.

LAN-Network

Additional LAN port on base unit, to link mobile devices to a LAN network or internet whilst being connected to the Klick & Show base unit over WiFi.

HDMI 2.0 Out

Powerful built-in HDMI 2.0 scaling-engine for high resolution 4K/60 Hz signal output to modern, large-format Ultra-HD 4K displays.

AUX 4K In

Auxiliary HDMI input for connection of external 4K / 60Hz HDMI sources (e.g. document camera, DVD, Blu-ray™) or to attach a wired laptop.

AUDIO In/Out

For feeding local stereo signals into the base unit and for connecting the de-embedded audio to a downstream audio system.

FW-Upgrade

Future-proof due to simple firmware-upgrade feature via USB port.



Kindermann **Klick & Show**

Wireless Presentation System for small to mid-sized meeting rooms, classrooms and huddle spaces.



| Input Formats | Klick & Show TOUCH Sensor-Button | Klick & Show K-10S Base-Unit |
|---------------------------------------|---|---|
| Video input format | 1x USB | 1x Wireless, 1x HDMI-IN |
| Video compliance/connector | USB 2.0 with type A connector | IEEE 802.11n/ac, HDMI 2.0 with 19-pin female connector |
| Video input resolution | VESA, maximum 4096x2160* pixels | HDMI 2.0, up to 4K/60Hz/4:4:4 |
| Audio input | PC embedded digital | HDMI embedded digital audio IN, 1x DVI analog audio IN via 3.5 mm stereo female connector, IEEE 802.11n/ac |
| Output Formats | | |
| Video output format | 1x Wireless | 1x HDMI-OUT |
| Video compliance/connector | IEEE 802.11n/ac | HDMI 1.4/HDMI 2.0 with 19-pin female connector |
| Video output resolution | *Encoded to 1080p for wireless transmission | 1920x1080@60Hz, 1920x1200@60Hz, 3840x2160@30Hz, 3840x2160@60Hz, Chroma 4:4:4 |
| Audio output | IEEE 802.11n/ac | HDMI embedded digital audio OUT, 1x stereo analog audio OUT via 3.5 mm stereo female connector |
| Additional Ports | | |
| Ethernet | | LAN-RJ45 |
| USB | USB-stick 8GB with Starter-program (Launcher) for Windows and MacOS | 2x USB type A connector |
| Features | | |
| Wireless transmission protocol | | IEEE 802.11n/ac |
| Frequency band | | 2.4 GHz or 5 GHz |
| Encryption | | AES WPA PSK, WPA2 PSK |
| Wireless data rate | | up to 1 Gbps |
| Transmission distance | max. 35 m without obstacle between Klick & Show TOUCH sensor-button and K-10S base-unit | |
| Wireless transmission video capacity: | 1080P @ <30Hz | 1080P @ <60 Hz via iOS/Android app 1080P @ <60 Hz via Airplay (for iOS devices) 1080P @ <30 Hz via Klick & Show TOUCH sensor-button |
| Simultaneous connections | | max. 14 |
| Content windows on main screen | | 1 |
| Mobile device capability | | Free iOS app, Free Android app |
| Remote Viewing | | Remote mirroring of the main screen to mobile device |
| Remote Mouse | | Remote control of presenter's PC |
| Control | | |
| Operation | Sensor button with tactile response (vibration) | Virtual buttons on OSD for USB mouse or touch display, remote control with mobile device via iOS/Android app |
| Status indicator | 3 color back-lit LEDs: Red, Green, White* *reserved for future use | On-Screen-Display menu (OSD) for configuration and information overlay |
| Control protocol | | Telnet, via Ethernet port |
| Mechanical | | |
| Dimensions (BxTxH) | 80 x 60 x 15 mm, USB cable 12 cm | 160 x 105 x 26 mm, without antennas |
| Weight | 0,09 kg (90 g) complete | 0,45 kg, with antennas |
| Environmental | | |
| Operating temperature | | +32° to +104° F (0° to +40° C) |
| Storage temperature | | -4° to +140° F (-20° to +60° C) |
| Humidity (storage/operating) | | 20% to 90% (non-condensing) |
| Power | | |
| DC power | 5V supplied via PC USB port (no battery required) | 12 VDC/2A universal power supply for mains 100-240 VAC, with interchangeable power adapters type A, C, G, I (for Europe, UK, US, Australia) |
| Power consumption | 2 W (max.) | Operation (typical) 10 W; Standby 5 W, Switch off < 1 W |
| Accessories included | | |
| | | Klick & Show K-10S Kit (7488000300) Klick & Show K-10S base unit, 2x antennas, 2x Klick & Show TOUCH sensor-buttons, mounting brackets, quick-start guide, power supply |

Preliminary technical data, subject to change without notice.

Kindermann GmbH · Mainparking 3 · D-97246 Eibelstadt · Tel.+49(0)93 03/9840-0 · Fax+49(0)93 03/9840-101 · www.kindermann.com

0100 962 002 GB 1117

Printed in Germany