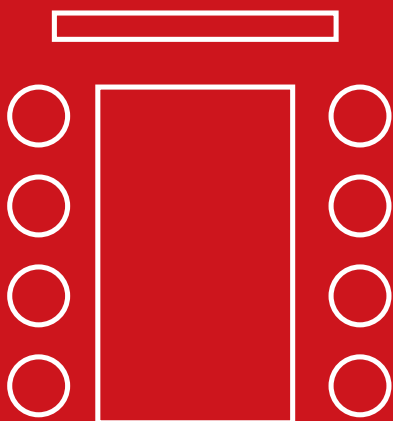


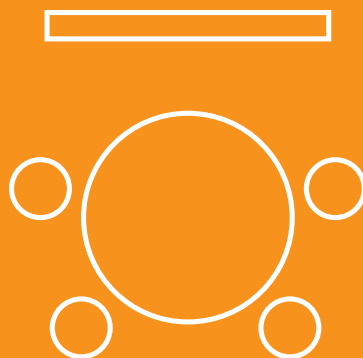


Kindermann **Klick & Show**  
Wireless Presentation System for  
small to mid-sized meeting rooms,  
classrooms and huddle spaces.

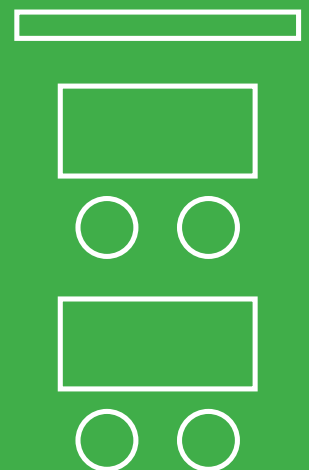
Meeting room



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
<b>Output Formats</b>		
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
<b>Additional Ports</b>		
Ethernet		LAN-RJ45
USB	USB-stick 8GB with Starter-program (Launcher) for Windows and MacOS	2x USB type A connector
<b>Features</b>		
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
<b>Control</b>		
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
<b>Mechanical</b>		
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
<b>Environmental</b>		
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)
<b>Power</b>		
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
<b>Accessories included</b>		
		<b>Klick &amp; Show K-10S Kit (7488000300)</b>  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