The extraordinary KX7 is packed full of features for complete control of entertainment, environment and security systems in any residential or commercial installation. The wall-mounted touchpanel has a slim profile, framing a vivid 7” LCD that can be custom tailored for intuitive control, while the multi-touch capacitive touchscreen allows screen swiping for page navigation. The built-in RS-232 and infrared communication allow for direct control of electronics without a control processor. In addition, video inputs make it possible to view analog video at up to 576p, while an Ethernet connection enables even more functionality, such as viewing IP security cameras, surfing the web and advanced two-way control.

Key Features

- Beautiful 7” 800x480 WVGA LCD with integrated multi-touch capacitive touch screen that allows screen swiping for page navigation.
- Composite, S-Video or Component video inputs allow viewing analog video at 480i/576i/480p/576p resolution.
- Integrated 10/100 Base-T (with PoE) and 802.11 wireless Ethernet.
- Built-in high output IR port for direct control of devices.
- Built-in RS-232 port for one-way control without a separate control processor.
- Powered using power supply, CB8 connecting block or PoE (Power over Ethernet).
- Optional modules/processors provide additional control capabilities including two-way communication via RS-232/IP, sensing, IR and relay control.
- USB and Ethernet Programming.
- Stylish low-profile faceplate available in white, black or brushed aluminum (ships with white).
- Integrated mounting wings for easy retrofit installations (metal back box also available separately).

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### Specifications

**Power**
+9VDC to +16VDC, 1A max

**Power Management**
Adjustable backlight brightness/proximity sensor

**Touchscreen Display**
High-brightness color TFT LCD (800x480 pixels) with 65K colors
Integrated high-resolution projected capacitive touchscreen

**Display Size**
7.0 in (177mm) diagonal

**Display Backlight**
LED Backlit, 310nit

**Infrared Output**
Through control port, 200mA output
Drives up to 1000 ft (300 m) of wire

**Serial Port**
RJ-45, RS-232 (one-way)

**Ethernet Port**
RJ-45, 10/100 Base-T with Power-over-Ethernet

**Wireless Ethernet**
802.11b/g

**Camera**
Color CMOS VGA (640x480)

**Microphone**
Silicon MEMS

**Speakers**
Two (2), Stereo 2 Watt, 8 Ohm

**Communications**
USB programming port

**Video Input**
Three, BNC Connectors
Composite, S-Video or Component Analog Video
NTSC/PAL/SECAM

**Total System Memory**
128M Bytes Flash (non-volatile) memory

**Device Capability**
Total number of devices is limited only by memory

**Macro Capability**
Unlimited steps in a single macro
Total number of macros is limited only by memory
Macro capability on every button

**Operating Temperature**
+32°F to +122°F (0°C to +50°C)

**Operating Humidity**
5% to 95% Non-condensing

**Enclosure**
High-impact molded ABS plastic

**Front Plate**
High-impact molded ABS plastic

**Mounting**
Integrated mounting wings, or screws through front plate

**Installation Cut-Out (W x H)**
7.7 in (195mm) x 5.6 in (143mm)

**Outer Bezel Dimension (W x H)**
8.5 in (217mm) x 5.9 in (151mm)

**Total Depth in Wall**
1.4 in (36mm), with video connector 2.1 in (53mm)

**Weight**
1.4 lbs (634g)

**Warranty**
Three Years (Parts & Labor)

All Specifications subject to change without notice.

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